

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027938.D
 Acq On : 02 Nov 2018 19:56
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 03 04:26:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	183149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	313271	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	146322	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	134483	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
35) Dibromofluoromethane	4.88	113	101492	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	7.57	98	388623	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	10.31	95	144767	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	114763	49.313	ug/l	98
3) Chloromethane	1.33	50	138392	49.170	ug/l	99
4) Vinyl Chloride	1.40	62	133970	47.958	ug/l	99
5) Bromomethane	1.61	94	54519	47.771	ug/l	97
6) Chloroethane	1.69	64	77947	48.420	ug/l	97
7) Trichlorofluoromethane	1.88	101	155682	48.228	ug/l	98
8) Diethyl Ether	2.11	74	65662	47.506	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	92916	48.454	ug/l	100
10) Methyl Iodide	2.41	142	80239	46.250	ug/l	97
11) Tert butyl alcohol	2.84	59	178192	247.193	ug/l	99
12) 1,1-Dichloroethene	2.28	96	91198	47.512	ug/l	98
13) Acrolein	2.20	56	54528	204.401	ug/l	98
14) Allyl chloride	2.59	41	219951	46.884	ug/l	98
15) Acrylonitrile	2.94	53	447730	252.850	ug/l	99
16) Acetone	2.32	43	388147	229.750	ug/l	99
17) Carbon Disulfide	2.48	76	289439	46.133	ug/l	99
18) Methyl Acetate	2.62	43	222100	47.790	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	379943	49.083	ug/l	99
20) Methylene Chloride	2.70	84	118052	47.859	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	102641	46.335	ug/l	98
22) Diisopropyl ether	3.58	45	473871	48.926	ug/l	99
23) Vinyl Acetate	3.53	43	2080238	249.911	ug/l	100
24) 1,1-Dichloroethane	3.45	63	226811	47.014	ug/l	100
25) 2-Butanone	4.27	43	668249	248.630	ug/l	100
26) 2,2-Dichloropropane	4.23	77	162319	44.835	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	121539	48.927	ug/l	99
28) Bromochloromethane	4.55	49	112565	49.771	ug/l	98
29) Tetrahydrofuran	4.64	42	442699	246.670	ug/l	99
30) Chloroform	4.67	83	208036	47.031	ug/l	99
31) Cyclohexane	5.00	56	222222	46.833	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	173419	49.251	ug/l	100
36) 1,1-Dichloropropene	5.14	75	160447	48.902	ug/l	98
37) Ethyl Acetate	4.39	43	237230	49.347	ug/l	99
38) Carbon Tetrachloride	5.14	117	141941	48.816	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	189410	47.864	ug/l	99
40) Benzene	5.39	78	488906	48.738	ug/l	98
41) Methacrylonitrile	4.55	41	132950	51.821	ug/l	98
42) 1,2-Dichloroethane	5.41	62	174465	48.929	ug/l	99
43) Isopropyl Acetate	5.55	43	375885	49.907	ug/l	100
44) Trichloroethene	6.19	130	106378	49.335	ug/l	99
45) 1,2-Dichloropropane	6.43	63	142835	49.373	ug/l	100
46) Dibromomethane	6.56	93	82635	49.694	ug/l	98
47) Bromodichloromethane	6.76	83	162203	50.616	ug/l	99
48) Methyl methacrylate	6.62	41	192954	52.279	ug/l	98
49) 1,4-Dioxane	6.61	88	64583	1072.507	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	1257886	250.079	ug/l	99
52) Toluene	7.64	92	291404	49.413	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	189450	47.724	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	205240	51.953	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	120373	50.170	ug/l	96
56) Ethyl methacrylate	8.02	69	214918	50.795	ug/l	98
57) 1,3-Dichloropropane	8.24	76	217059	49.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	589591	260.180	ug/l	100
59) 2-Hexanone	8.36	43	995728	255.950	ug/l	99
60) Dibromochloromethane	8.48	129	118262	52.089	ug/l	98
61) 1,2-Dibromoethane	8.59	107	127347	49.951	ug/l	99
64) Tetrachloroethene	8.23	164	92008	48.118	ug/l	98
65) Chlorobenzene	9.12	112	303351	48.690	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	105420	49.539	ug/l	99
67) Ethyl Benzene	9.25	91	566673	49.414	ug/l	99
68) m/p-Xylenes	9.38	106	408916	98.274	ug/l	98
69) o-Xylene	9.78	106	204034	48.560	ug/l	99
70) Styrene	9.79	104	340217	50.676	ug/l	99
71) Bromoform	9.96	173	89913	50.415	ug/l #	99
73) Isopropylbenzene	10.17	105	547639	48.312	ug/l	99
74) N-amyl acetate	10.01	43	346337	50.528	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	221585	48.462	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	260177	65.006	ug/l	83
77) Bromobenzene	10.45	156	127878	49.198	ug/l	99
78) n-propylbenzene	10.59	91	667420	49.189	ug/l	100
79) 2-Chlorotoluene	10.66	91	395472	48.626	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	458586	48.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	260177	161.717	ug/l #	100
82) 4-Chlorotoluene	10.77	91	448834	48.611	ug/l	99
83) tert-Butylbenzene	11.10	119	444836	47.386	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	475717	50.311	ug/l	99
85) sec-Butylbenzene	11.32	105	562369	49.259	ug/l	99
86) p-Isopropyltoluene	11.48	119	479912	50.284	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	232558	48.435	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	232988	47.342	ug/l	98
89) n-Butylbenzene	11.89	91	460801	50.803	ug/l	99
90) Hexachloroethane	12.15	117	83264	49.002	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	240489	49.805	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49677	51.561	ug/l	98

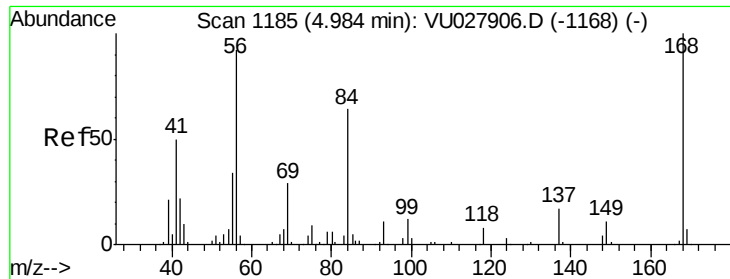
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	163038	48.171	ug/l	98
94) Hexachlorobutadiene	13.69	225	76204	49.657	ug/l	98
95) Naphthalene	13.74	128	595168	49.586	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	168991	52.156	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

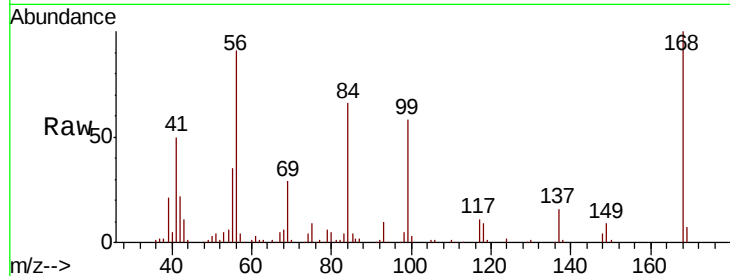
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 183149

Ion Ratio Lower Upper

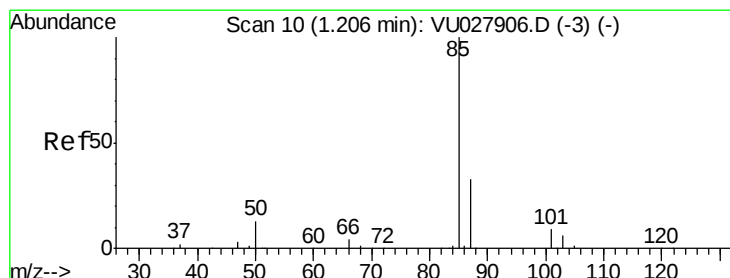
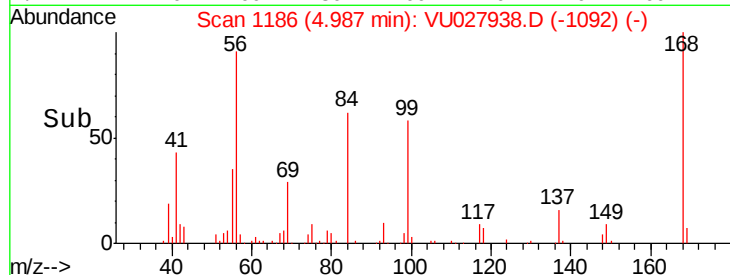
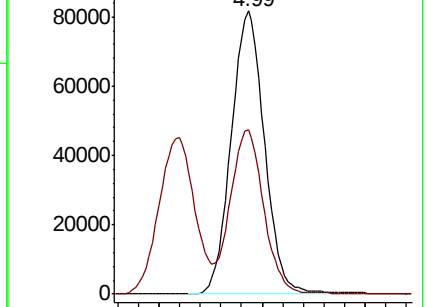
168 100

99 57.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#2

Dichlorodifluoromethane

Concen: 49.313 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027938.D

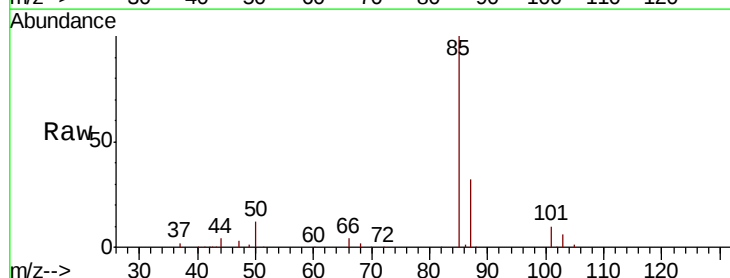
Acq: 02 Nov 2018 19:56

Tgt Ion: 85 Resp: 114763

Ion Ratio Lower Upper

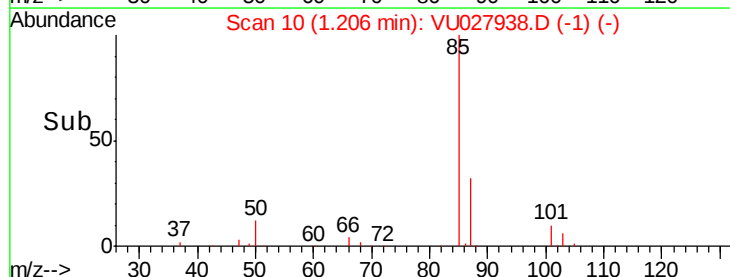
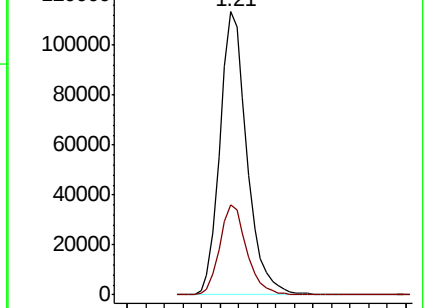
85 100

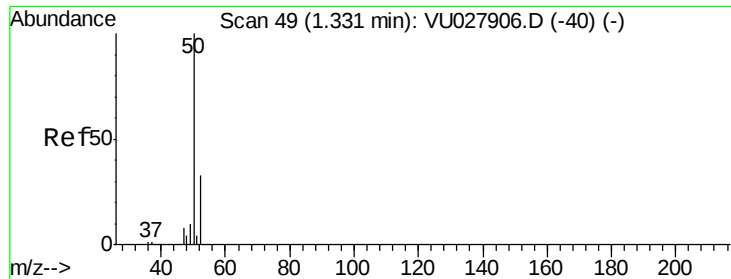
87 31.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VU027906.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027906.D (-3) (-)





#3

Chloromethane

Concen: 49.170 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

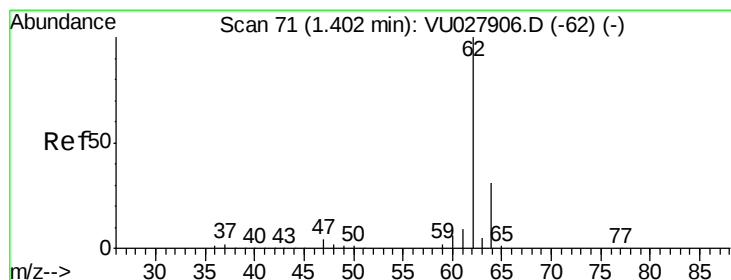
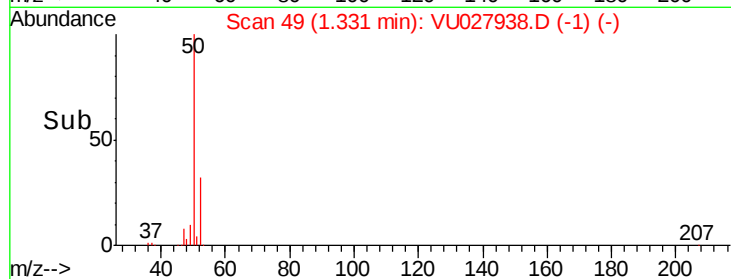
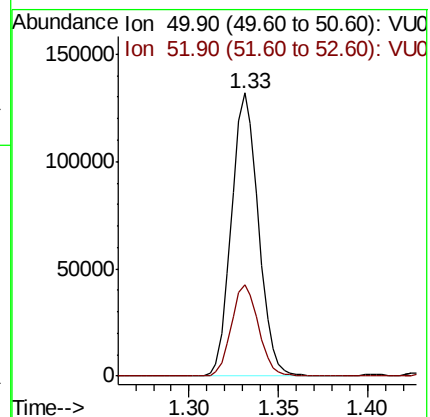
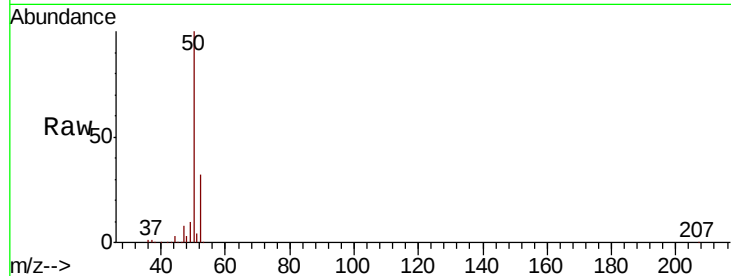
VSTDCCC050EC

Tot Ion: 50 Resp: 138392

Ion Ratio Lower Upper

50 100

52 32.4 26.2 39.4



#4

Vinyl Chloride

Concen: 47.958 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027938.D

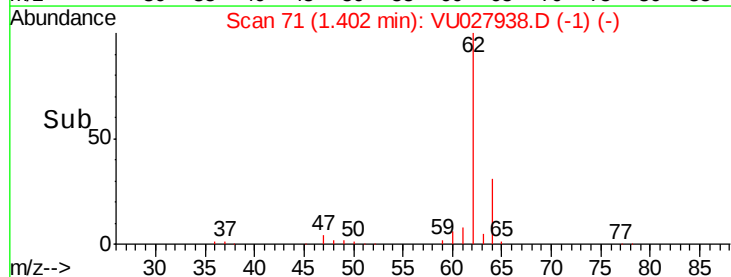
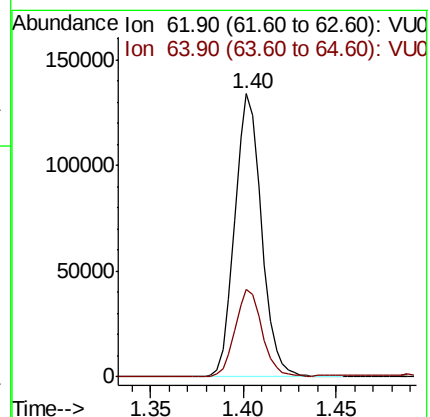
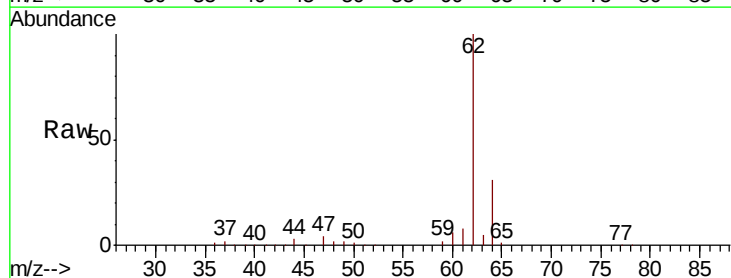
Acq: 02 Nov 2018 19:56

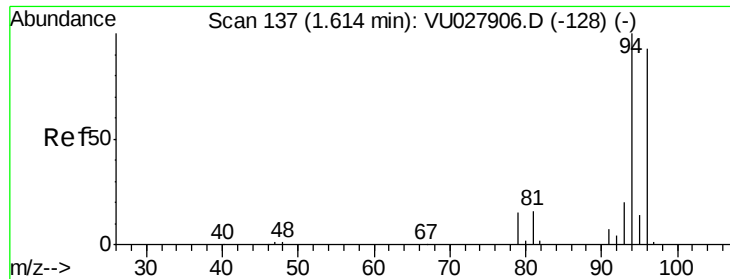
Tgt Ion: 62 Resp: 133970

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8

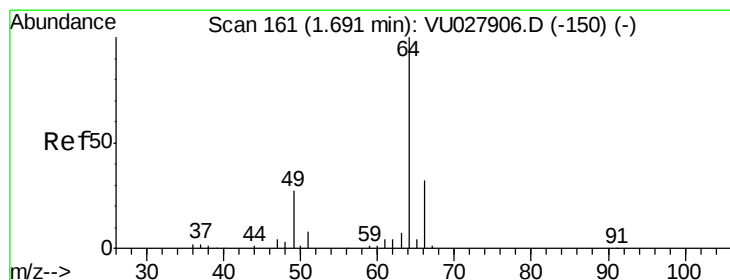
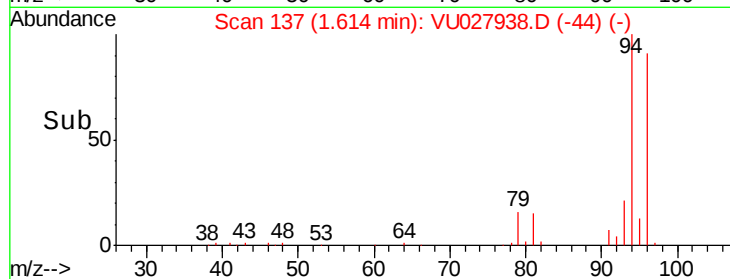
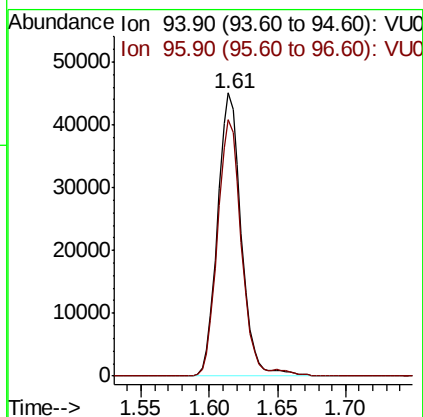
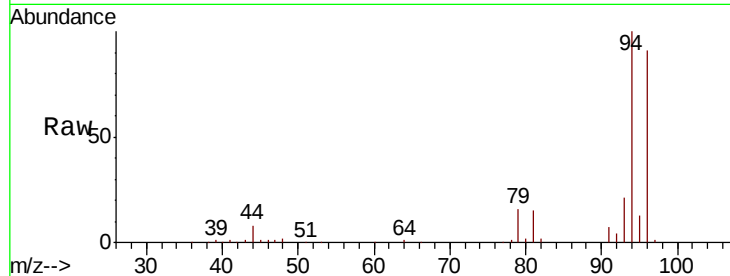




#5
 Bromomethane
 Concen: 47.771 ug/l
 RT: 1.61 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

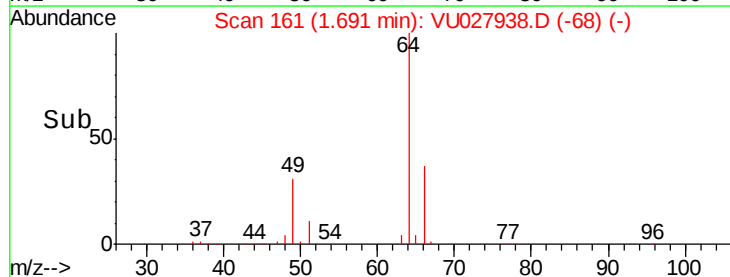
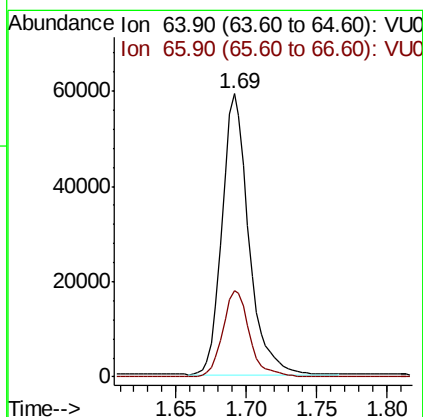
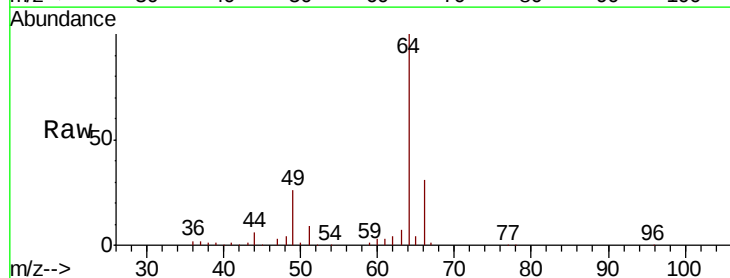
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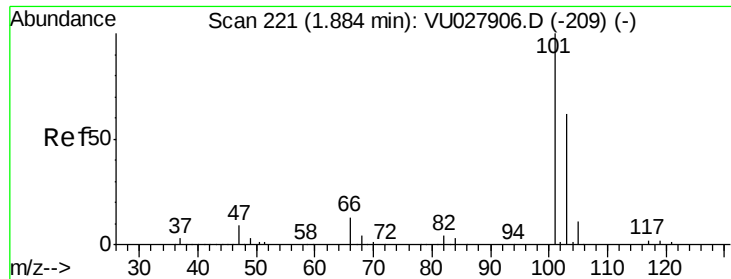
Tot Ion: 94 Resp: 54519
 Ion Ratio Lower Upper
 94 100
 96 90.7 74.8 112.2



#6
 Chloroethane
 Concen: 48.420 ug/l
 RT: 1.69 min Scan# 161
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 64 Resp: 77947
 Ion Ratio Lower Upper
 64 100
 66 30.9 25.9 38.9



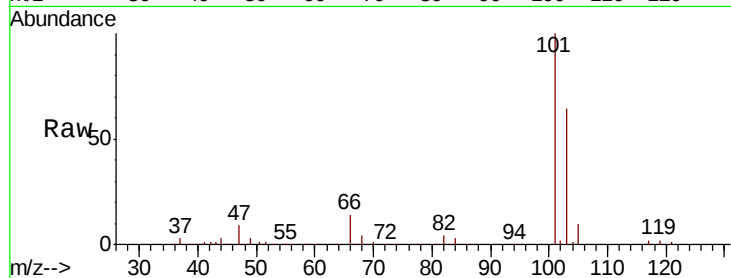


#7

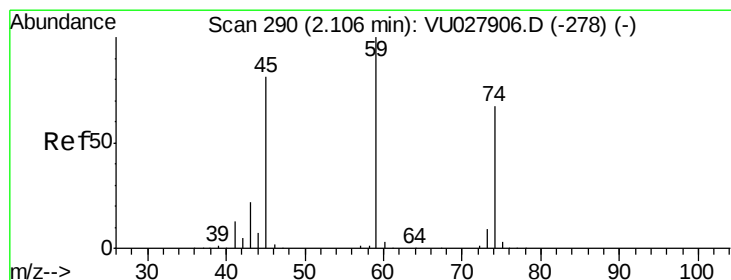
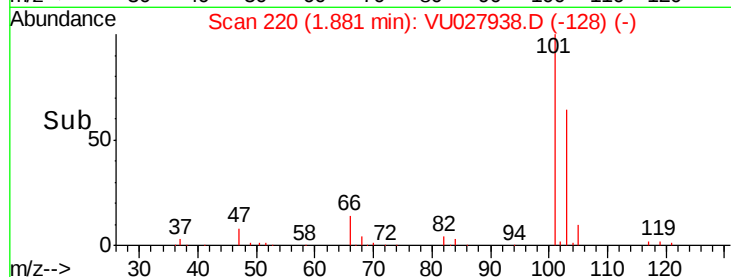
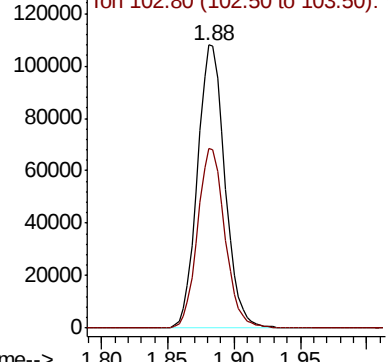
Trichlorofluoromethane
Concen: 48.228 ug/l
RT: 1.88 min Scan# 220
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 155682
Ion Ratio Lower Upper
101 100
103 63.6 49.4 74.2



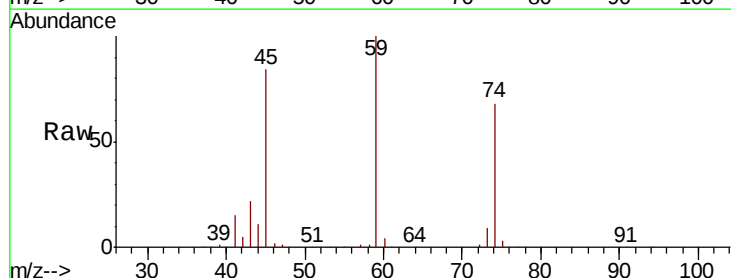
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



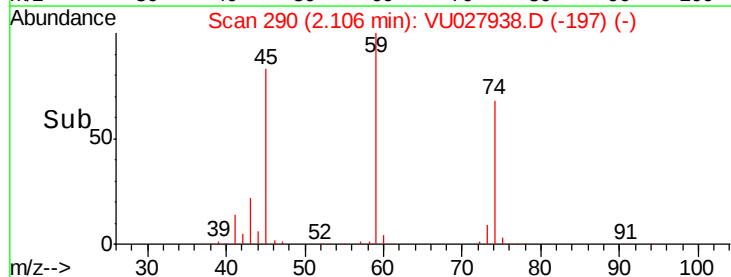
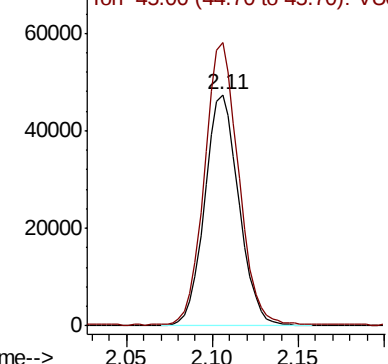
#8

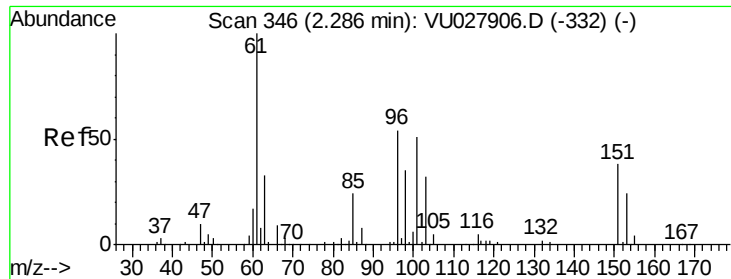
Diethyl Ether
Concen: 47.506 ug/l
RT: 2.11 min Scan# 290
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 74 Resp: 65662
Ion Ratio Lower Upper
74 100
45 121.4 60.5 181.5



Abundance Ion 74.00 (73.70 to 74.70): VU0
Ion 45.00 (44.70 to 45.70): VU0

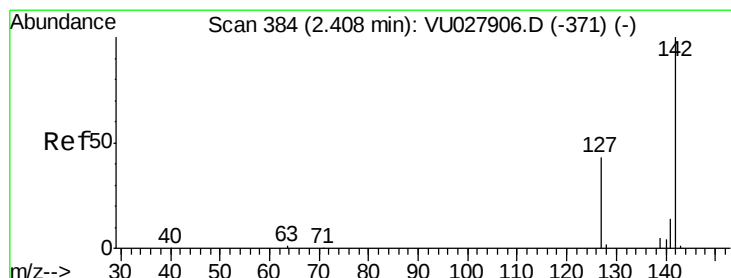
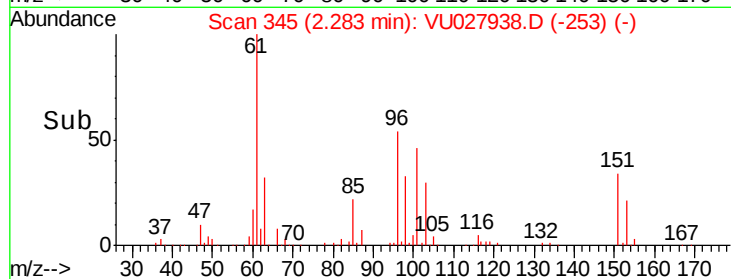
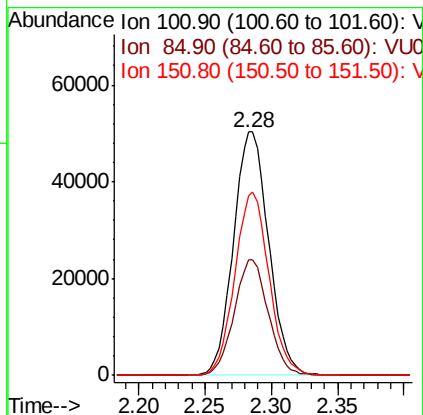
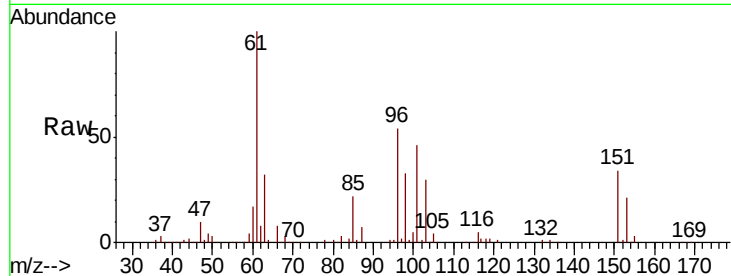




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.454 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

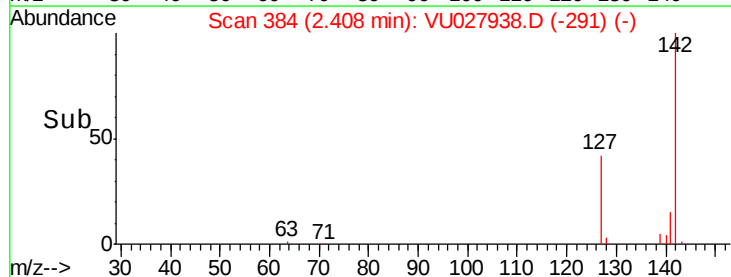
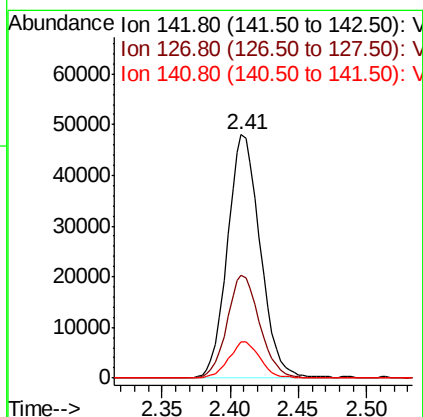
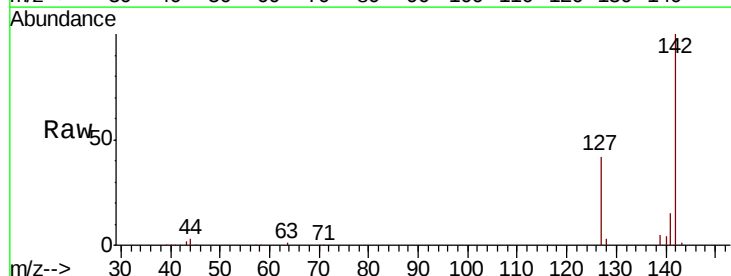
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

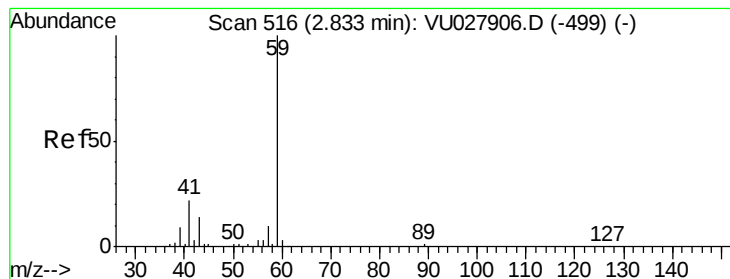
Tot Ion:101 Resp: 92916
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.9 55.3
 151 72.8 58.0 87.0



#10
 Methyl Iodide
 Concen: 46.250 ug/l
 RT: 2.41 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion:142 Resp: 80239
 Ion Ratio Lower Upper
 142 100
 127 42.1 35.2 52.8
 141 14.2 11.8 17.8



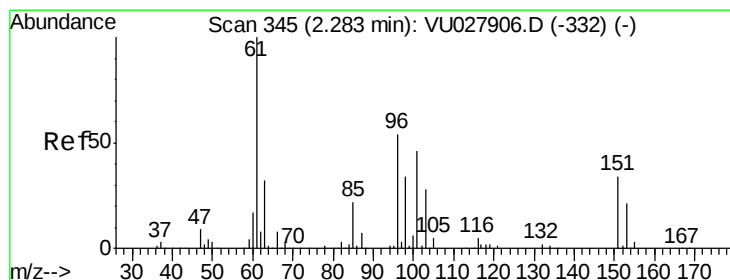
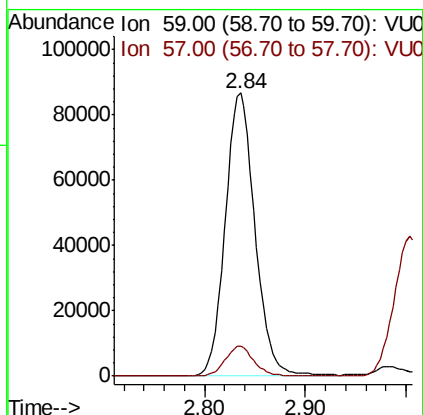
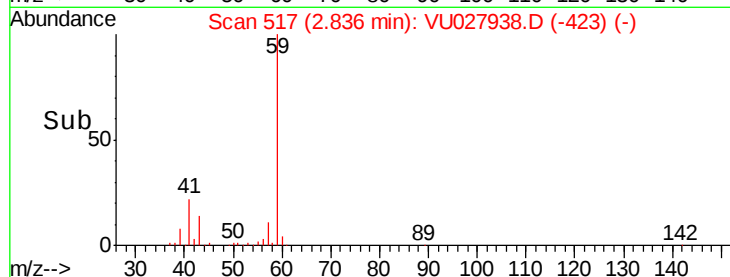
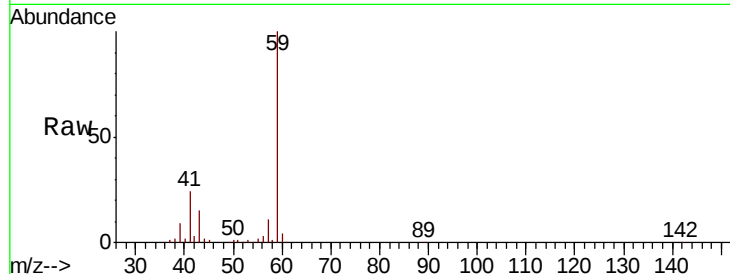


#11

Tert butyl alcohol
 Concen: 247.193 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

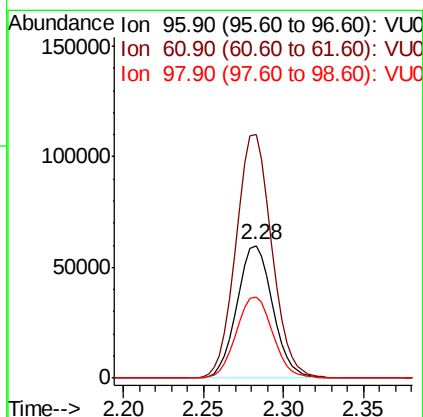
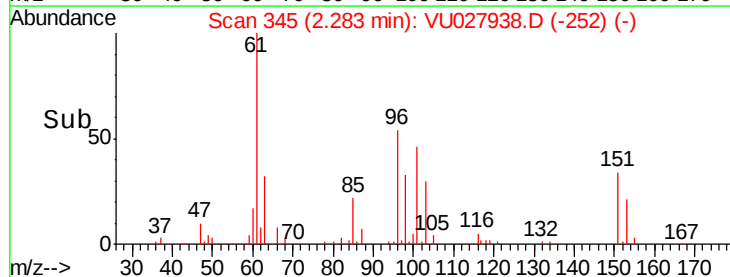
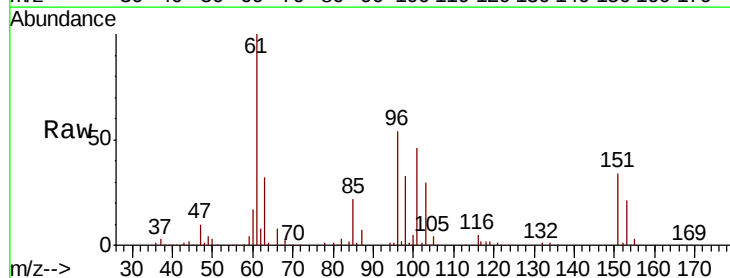
Tot Ion: 59 Resp: 178192
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.8

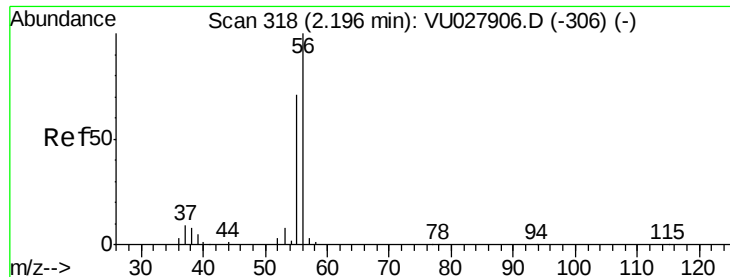


#12

1,1-Dichloroethene
 Concen: 47.512 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 96 Resp: 91198
 Ion Ratio Lower Upper
 96 100
 61 184.0 149.3 223.9
 98 61.3 50.6 75.8

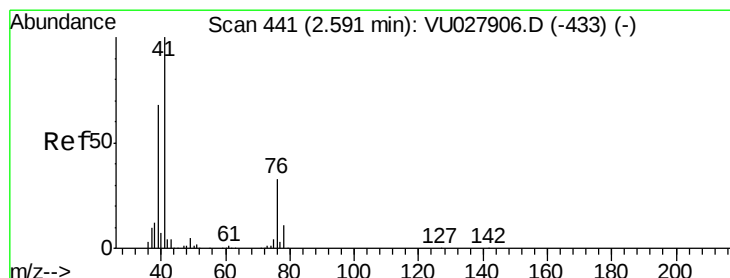
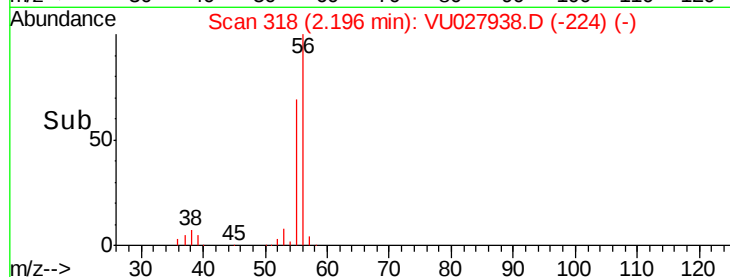
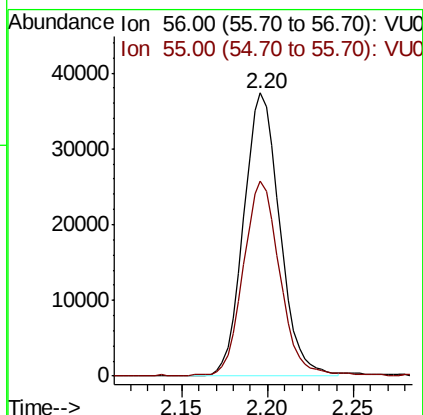
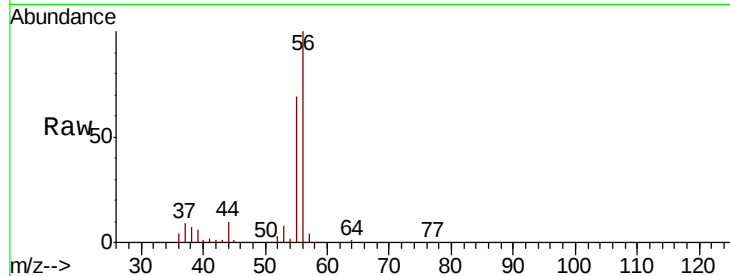




#13
Acrolein
Concen: 204.401 ug/l
RT: 2.20 min Scan# 318
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

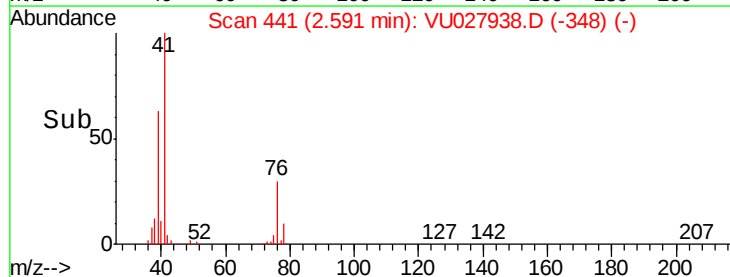
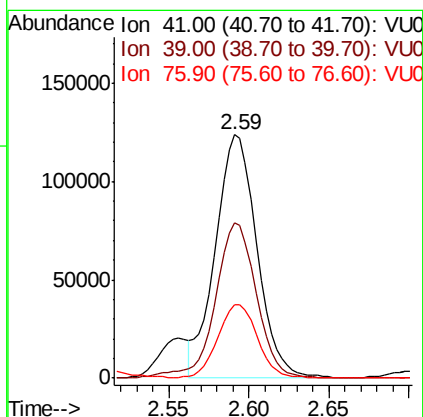
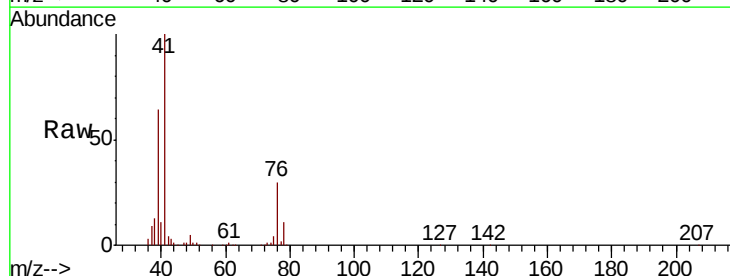
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

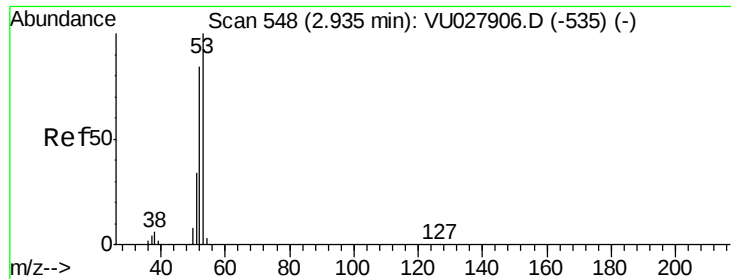
Tot Ion: 56 Resp: 54528
Ion Ratio Lower Upper
56 100
55 69.0 56.2 84.4



#14
Allyl chloride
Concen: 46.884 ug/l
RT: 2.59 min Scan# 441
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 41 Resp: 219951
Ion Ratio Lower Upper
41 100
39 63.4 51.9 77.9
76 29.1 23.8 35.6





#15

Acrylonitrile

Concen: 252.850 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

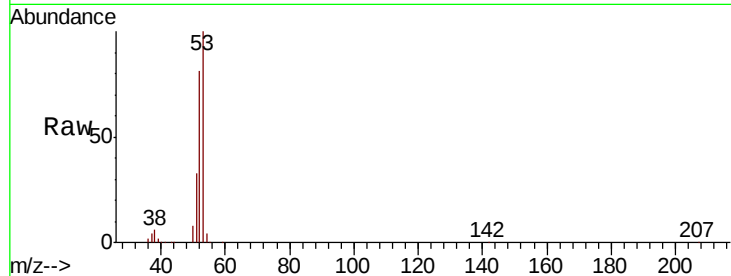
Tot Ion: 53 Resp: 447730

Ion Ratio Lower Upper

53 100

52 81.4 66.2 99.2

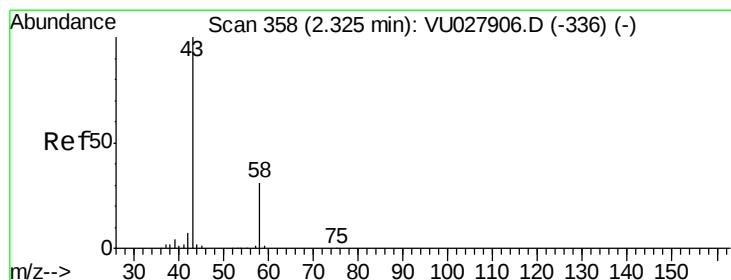
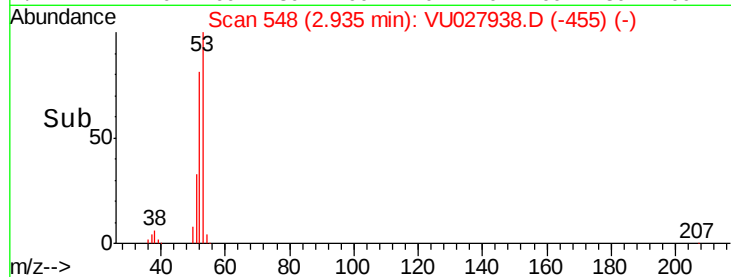
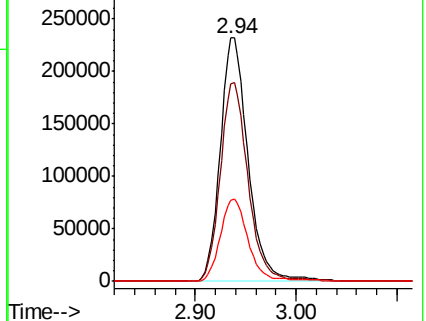
51 34.4 27.0 40.4



Abundance Ion 53.00 (52.70 to 53.70): VU027906.D (-535) (-)

Ion 52.00 (51.70 to 52.70): VU027906.D (-535) (-)

Ion 51.00 (50.70 to 51.70): VU027906.D (-535) (-)



#16

Acetone

Concen: 229.750 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027938.D

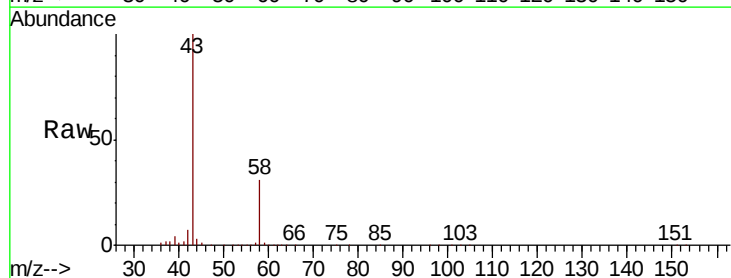
Acq: 02 Nov 2018 19:56

Tgt Ion: 43 Resp: 388147

Ion Ratio Lower Upper

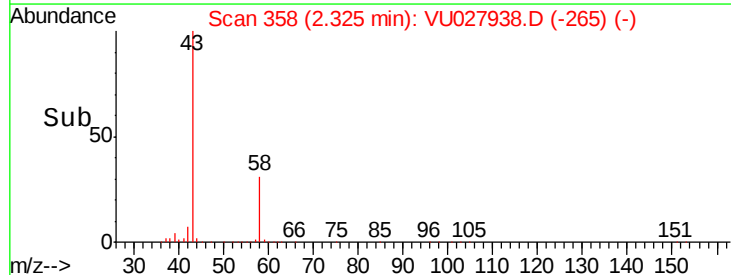
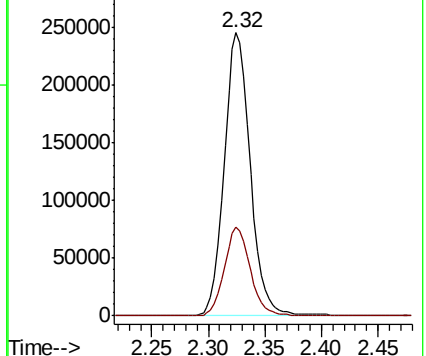
43 100

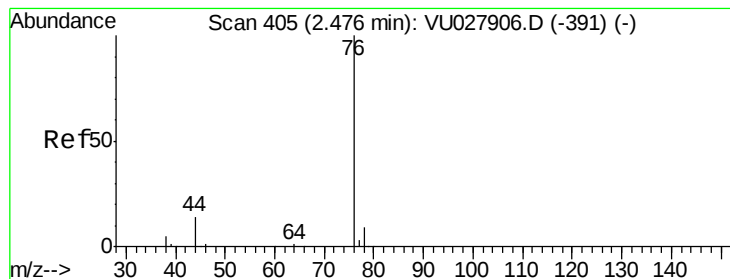
58 31.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)





#17

Carbon Disulfide

Concen: 46.133 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

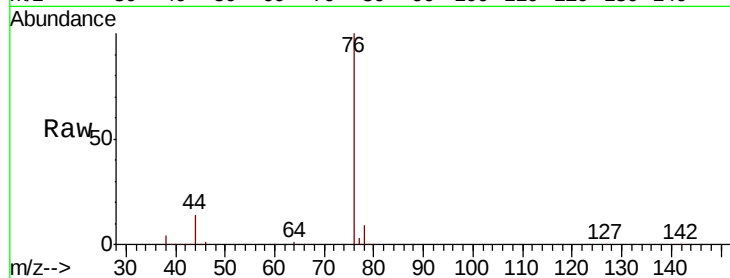
VSTDCCC050EC

Tot Ion: 76 Resp: 289439

Ion Ratio Lower Upper

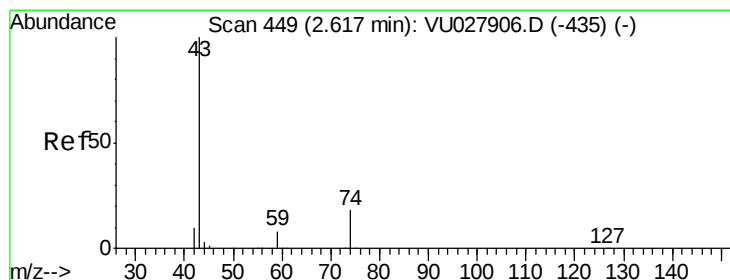
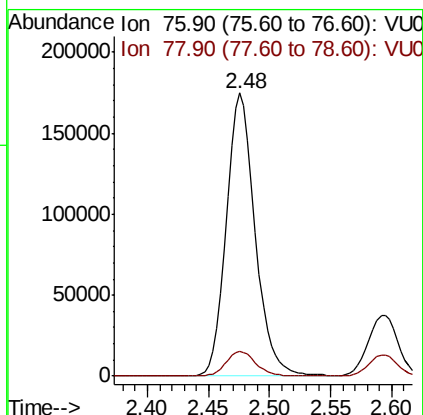
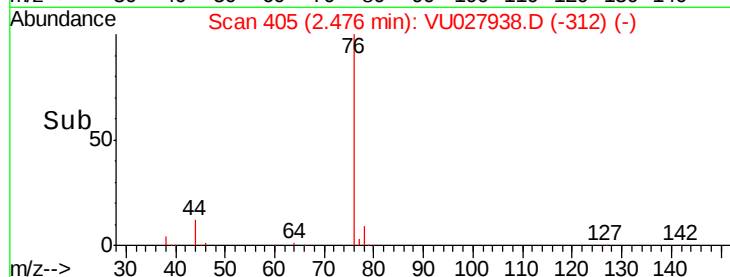
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027938.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027938.D (-312) (-)



#18

Methyl Acetate

Concen: 47.790 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027938.D

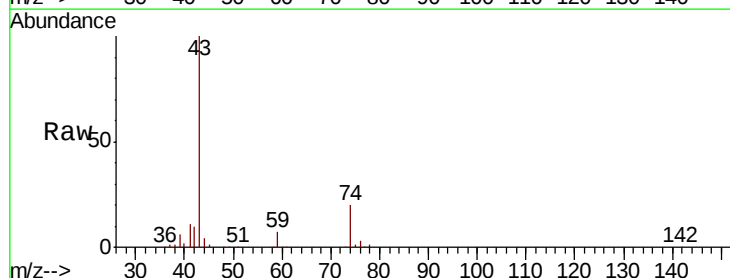
Acq: 02 Nov 2018 19:56

Tgt Ion: 43 Resp: 222100

Ion Ratio Lower Upper

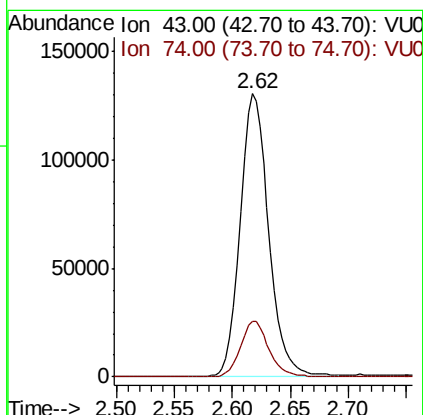
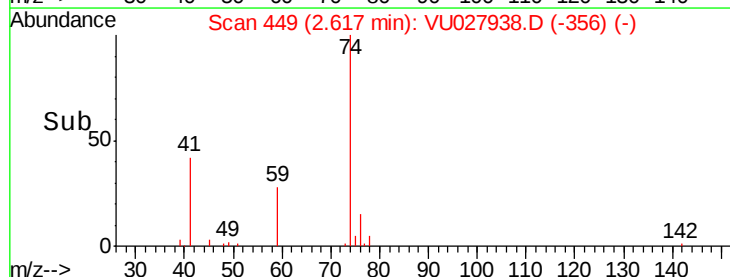
43 100

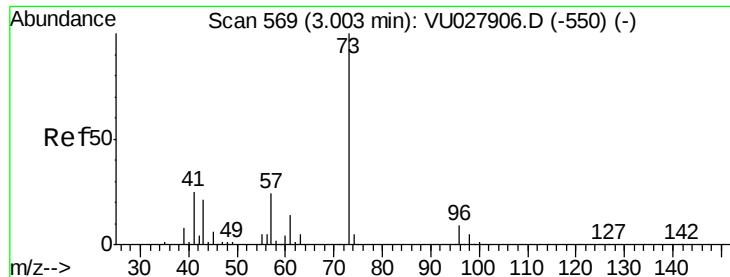
74 19.7 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027938.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027938.D (-356) (-)



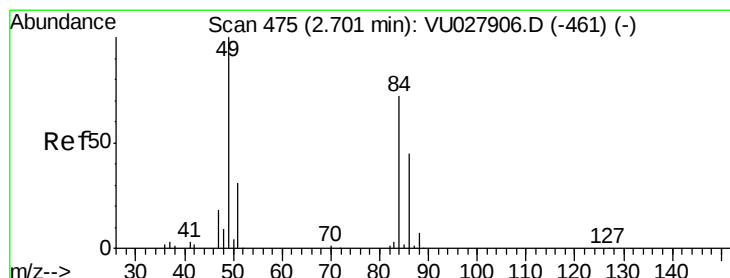
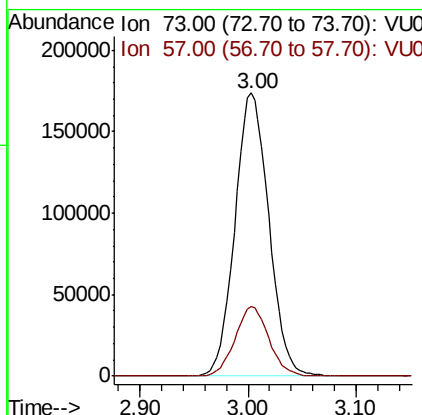
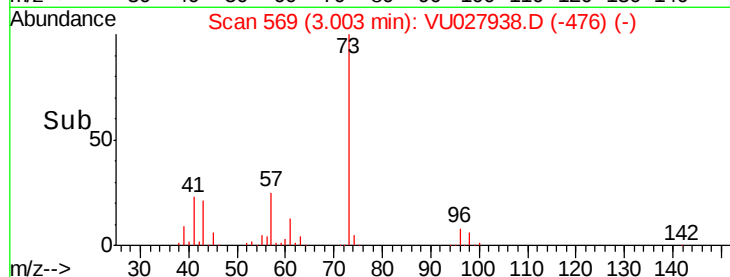
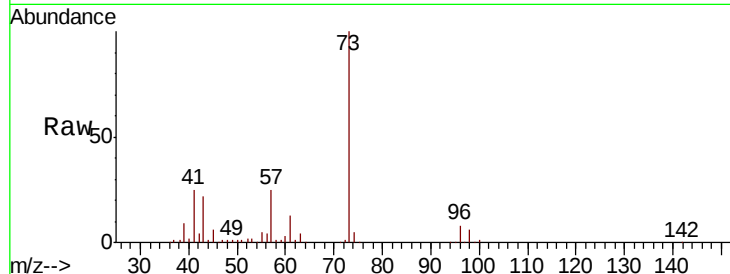


#19

Methyl tert-butyl Ether
 Concen: 49.083 ug/l
 RT: 3.00 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

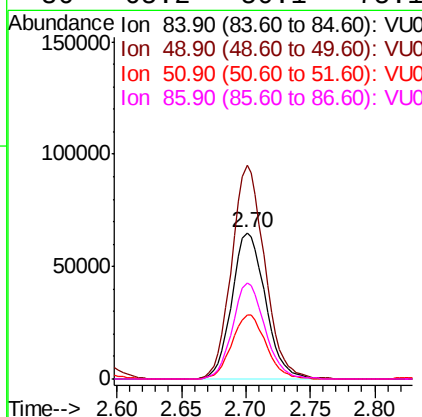
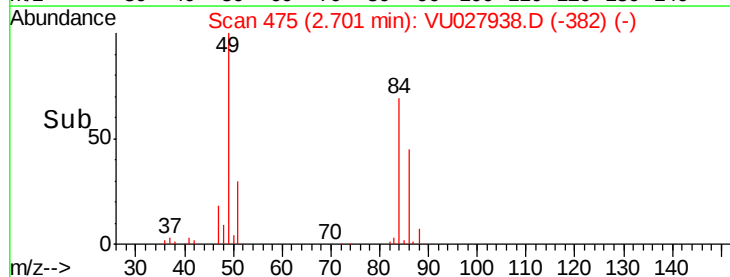
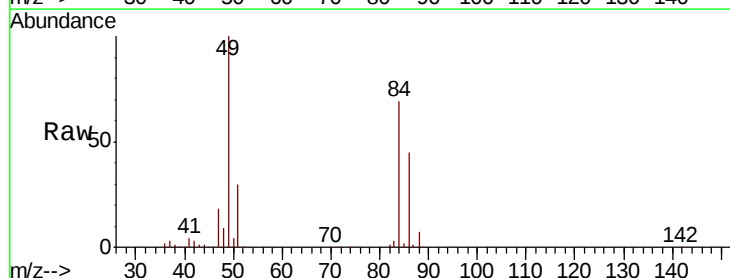
Tot Ion: 73 Resp: 379943
 Ion Ratio Lower Upper
 73 100
 57 24.6 19.3 28.9

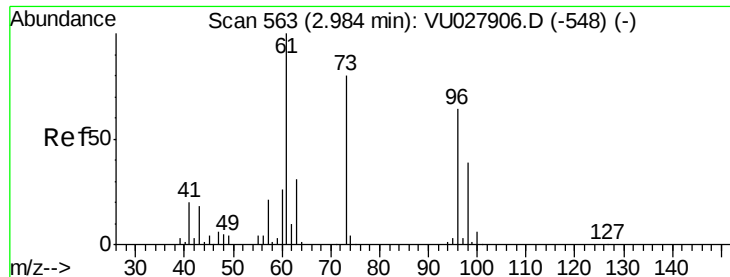


#20

Methylene Chloride
 Concen: 47.859 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 84 Resp: 118052
 Ion Ratio Lower Upper
 84 100
 49 145.7 111.6 167.4
 51 43.7 34.8 52.2
 86 65.2 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.335 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

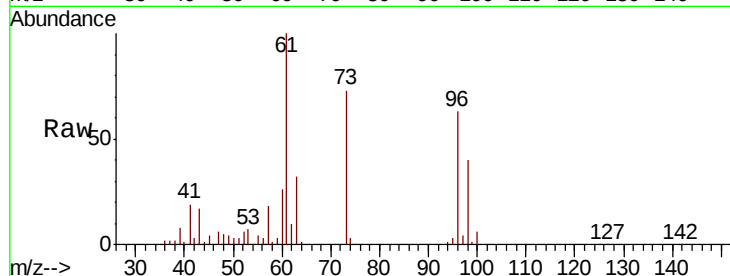
Tot Ion: 96 Resp: 102641

Ion Ratio Lower Upper

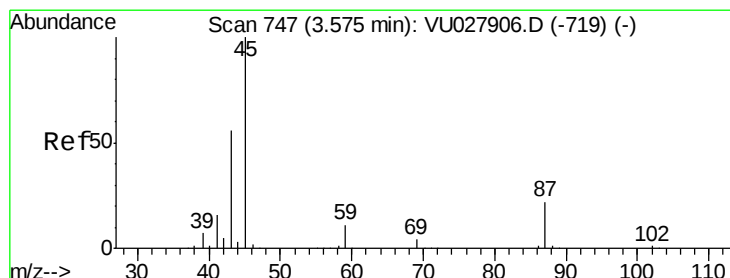
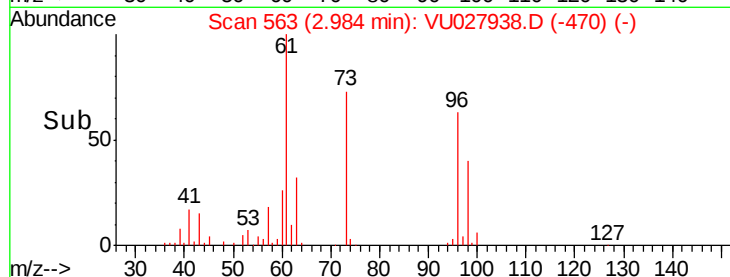
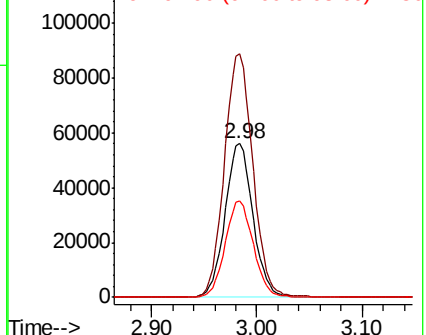
96 100

61 158.3 125.0 187.6

98 62.9 48.2 72.4



Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



#22

Diisopropyl ether

Concen: 48.926 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Tgt Ion: 45 Resp: 473871

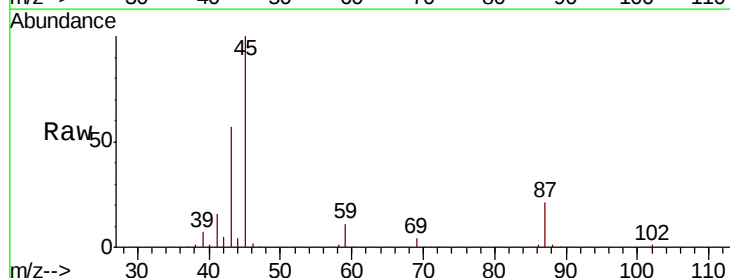
Ion Ratio Lower Upper

45 100

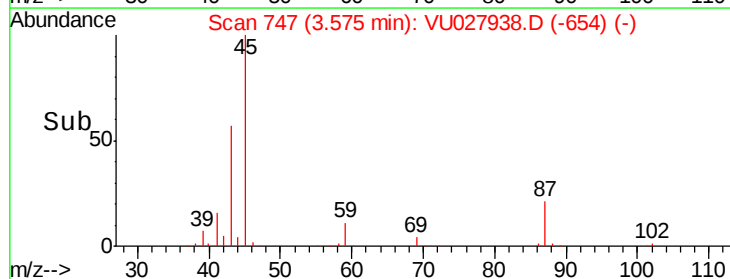
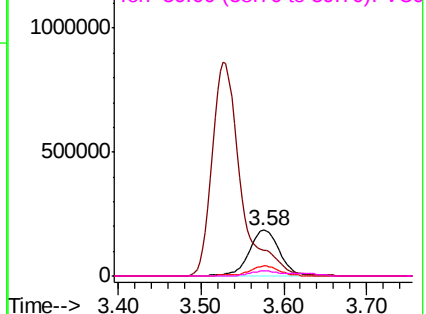
43 56.6 45.0 67.6

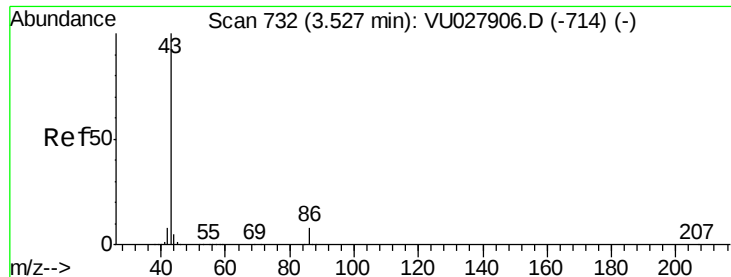
87 21.3 17.9 26.9

59 10.7 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 59.00 (58.70 to 59.70): VU0





#23

Vinyl Acetate

Concen: 249.911 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

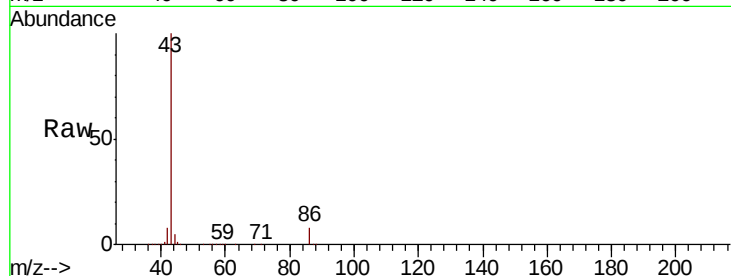
VSTDCCC050EC

Tot Ion: 43 Resp: 2080238

Ion Ratio Lower Upper

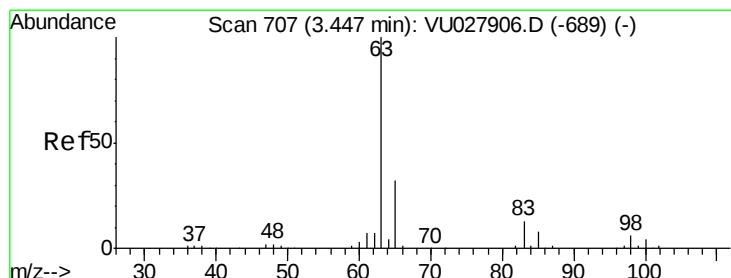
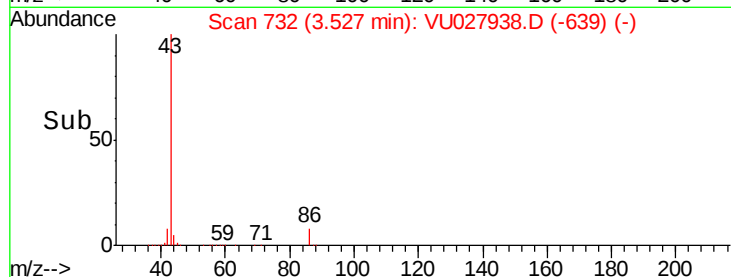
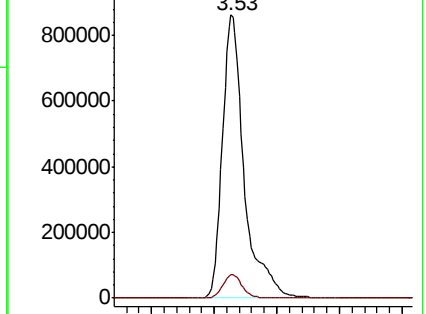
43 100

86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027938.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027938.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 47.014 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

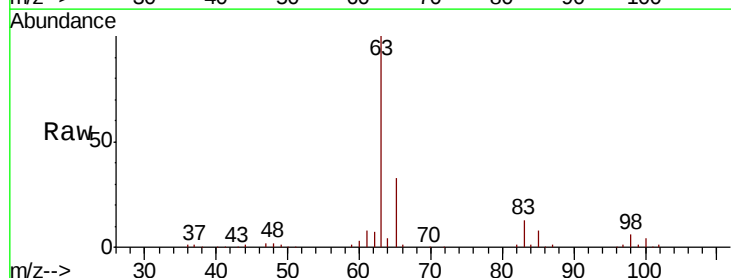
Tgt Ion: 63 Resp: 226811

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.6

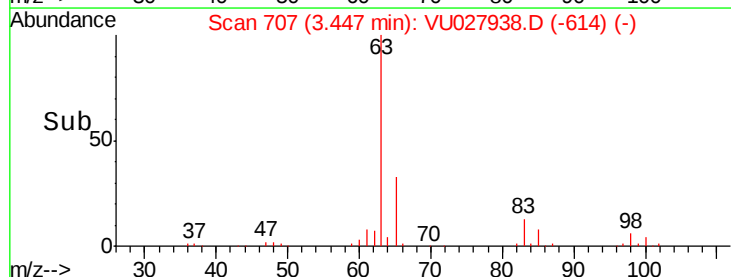
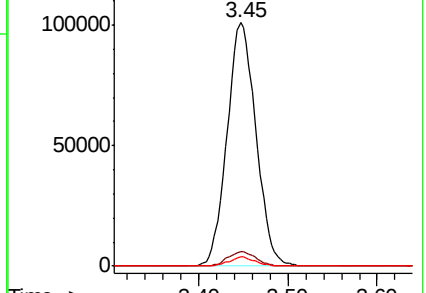
100 3.7 2.0 6.0

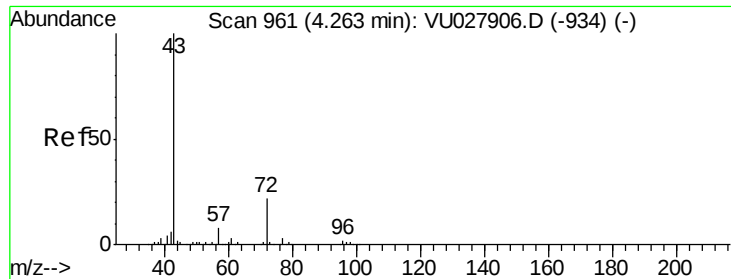


Abundance Ion 62.90 (62.60 to 63.60): VU027938.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027938.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027938.D (-614) (-)





#25

2-Butanone

Concen: 248.630 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

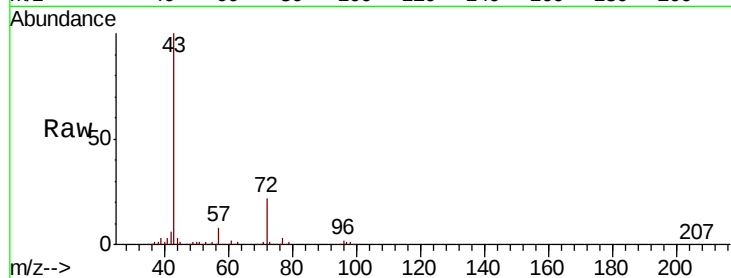
VSTDCCC050EC

Tot Ion: 43 Resp: 668249

Ion Ratio Lower Upper

43 100

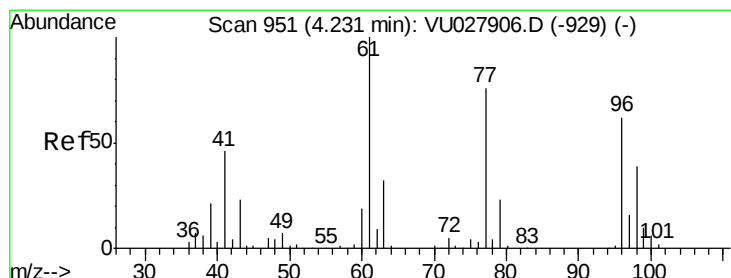
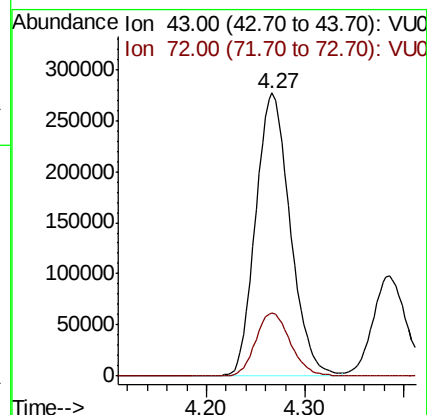
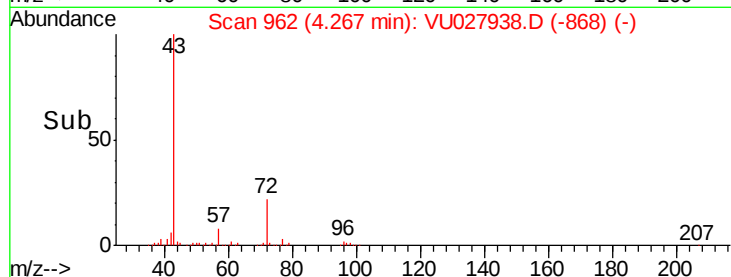
72 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)

Time-->



#26

2,2-Dichloropropane

Concen: 44.835 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027938.D

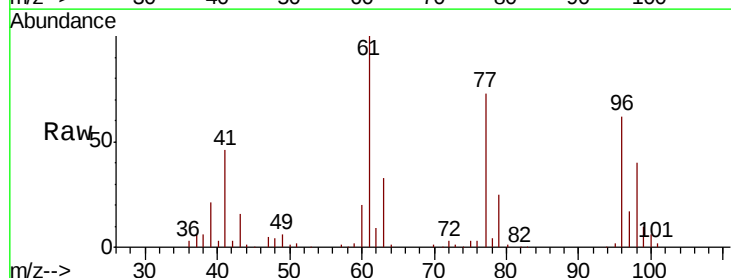
Acq: 02 Nov 2018 19:56

Tgt Ion: 77 Resp: 162319

Ion Ratio Lower Upper

77 100

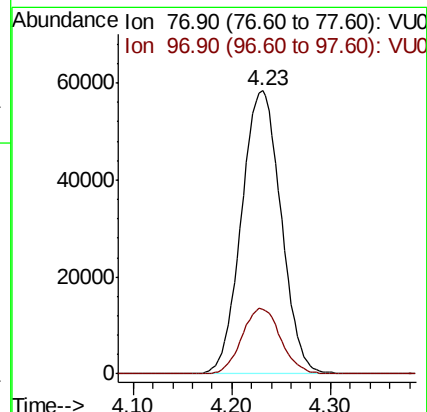
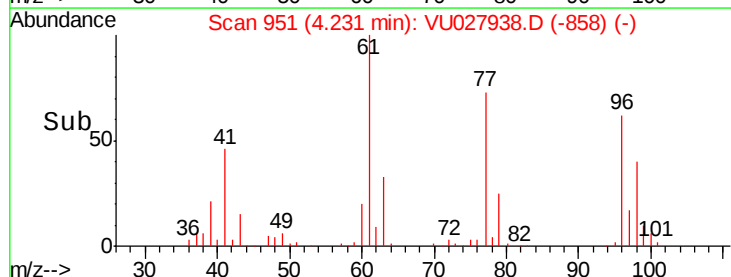
97 22.7 11.2 33.5

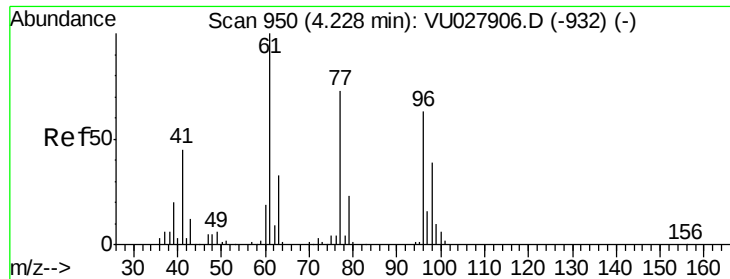


Abundance Ion 76.90 (76.60 to 77.60): VU027906.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU027906.D (-929) (-)

Time-->



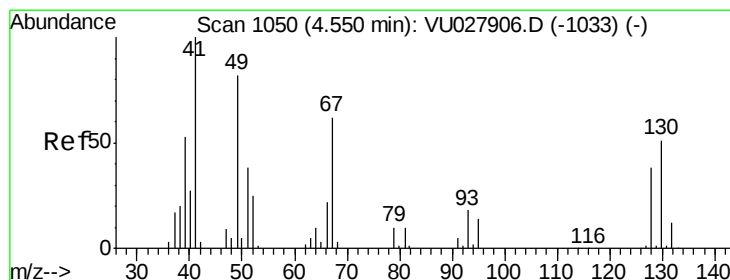
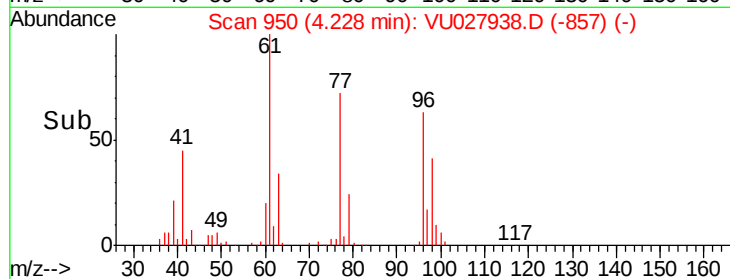
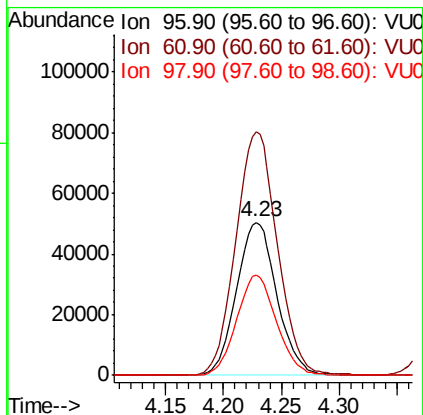
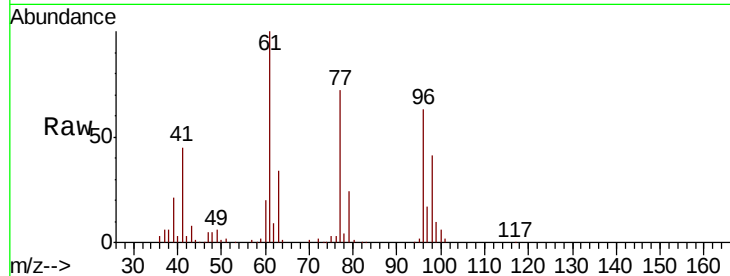


#27

cis-1,2-Dichloroethene
Concen: 48.927 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

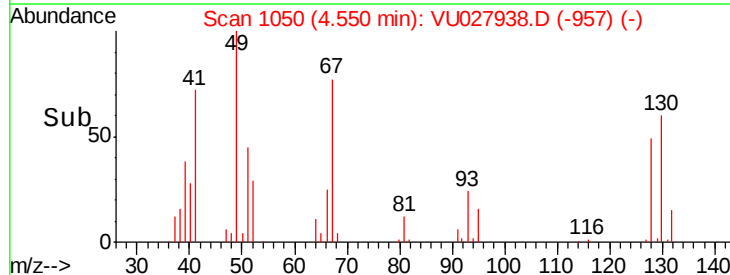
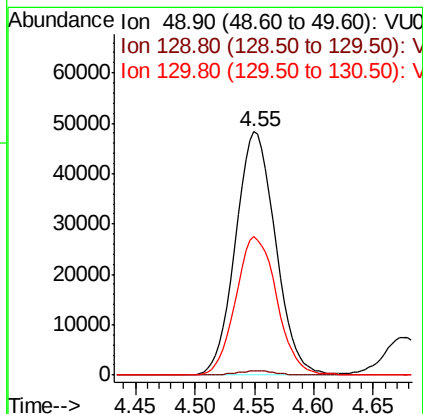
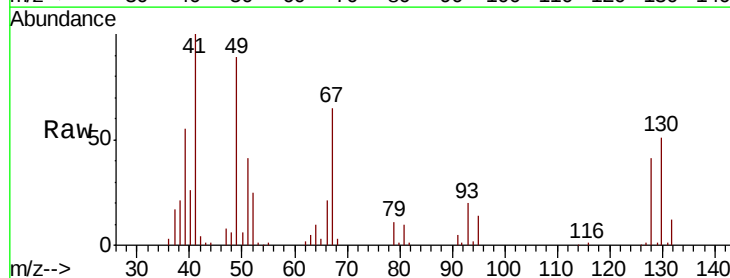
Tot Ion: 96 Resp: 121539
Ion Ratio Lower Upper
96 100
61 164.2 0.0 329.6
98 64.7 0.0 127.2

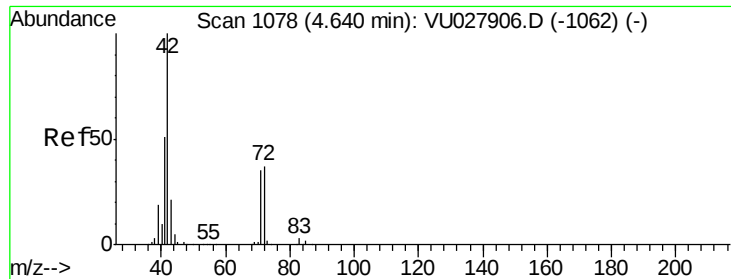


#28

Bromochloromethane
Concen: 49.771 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 49 Resp: 112565
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.0
130 58.4 47.8 71.6





#29

Tetrahydrofuran

Concen: 246.670 ug/l

RT: 4.64 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

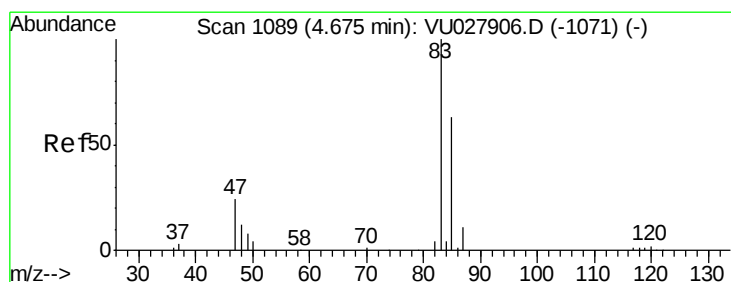
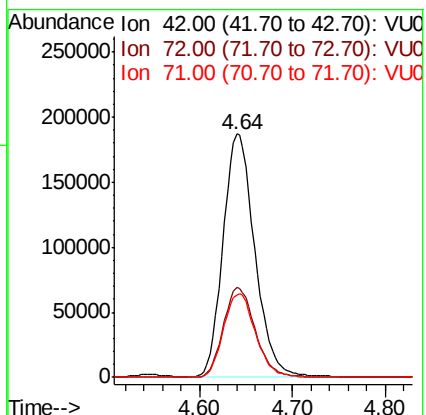
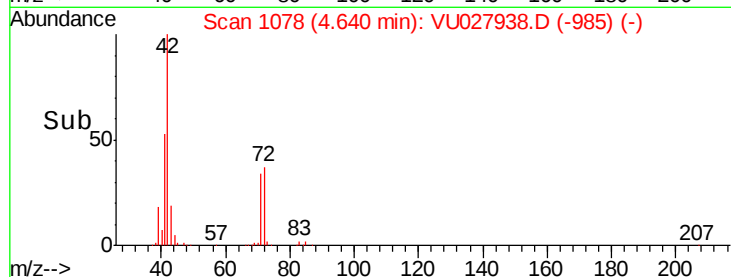
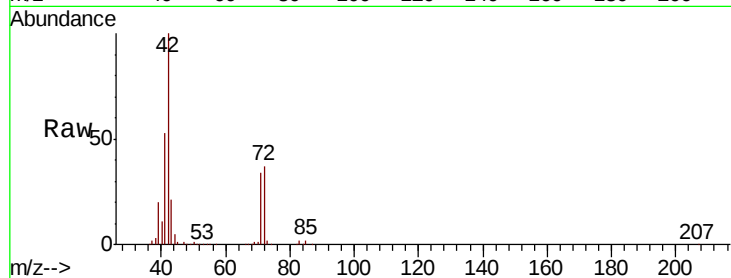
Tot Ion: 42 Resp: 442699

Ion Ratio Lower Upper

42 100

72 37.2 29.4 44.0

71 35.0 27.9 41.9



#30

Chloroform

Concen: 47.031 ug/l

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027938.D

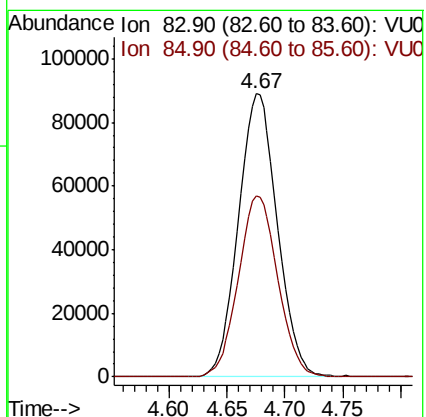
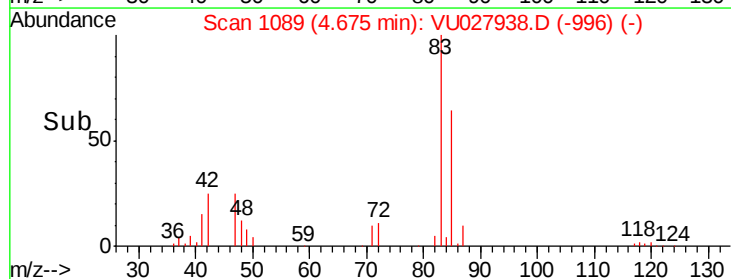
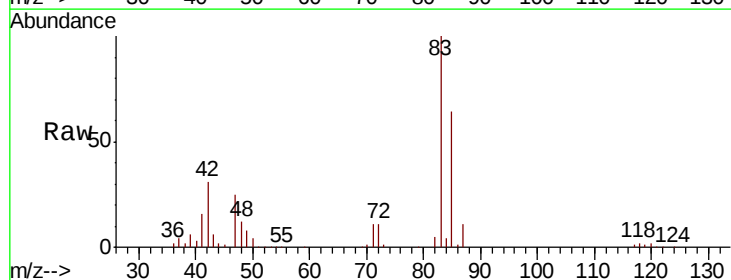
Acq: 02 Nov 2018 19:56

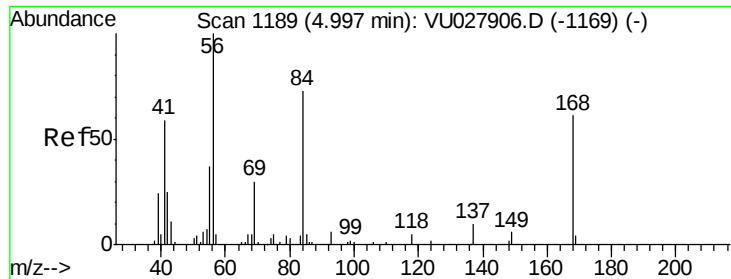
Tgt Ion: 83 Resp: 208036

Ion Ratio Lower Upper

83 100

85 63.9 50.6 76.0

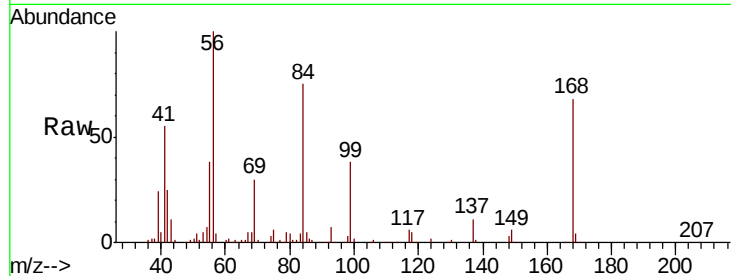




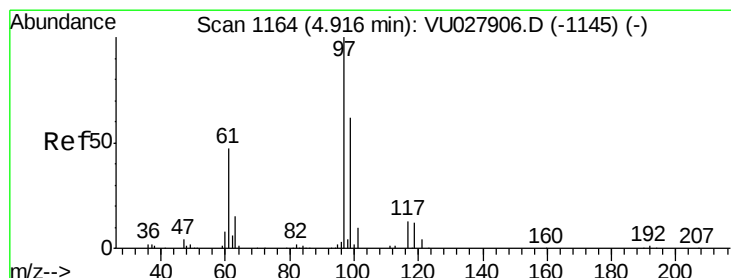
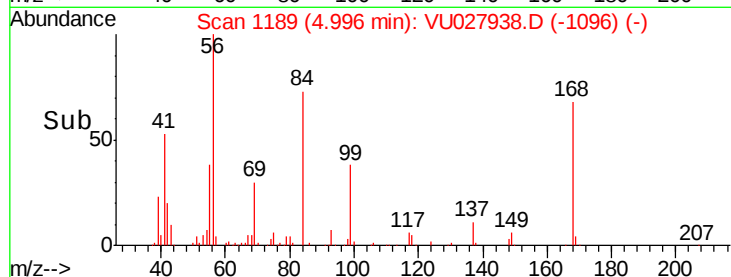
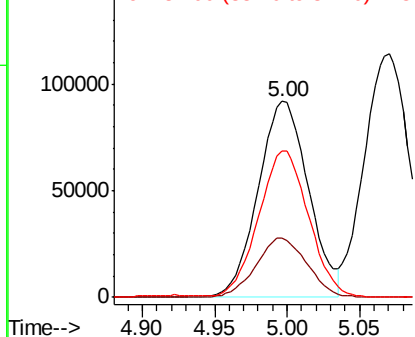
#31
Cyclohexane
Concen: 46.833 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 222222
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 73.8 58.2 87.4

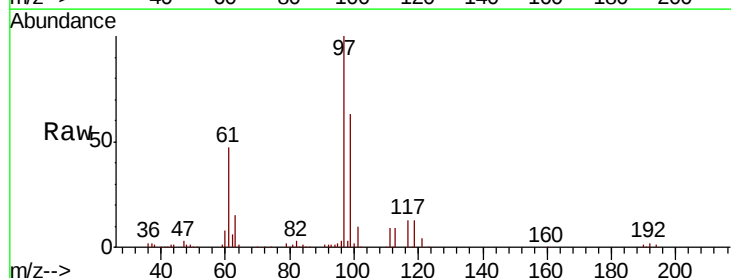


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

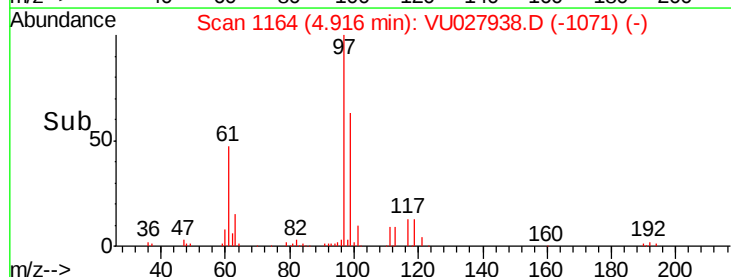
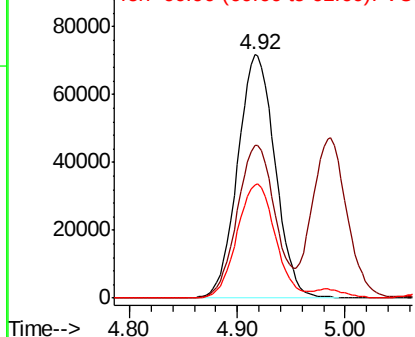


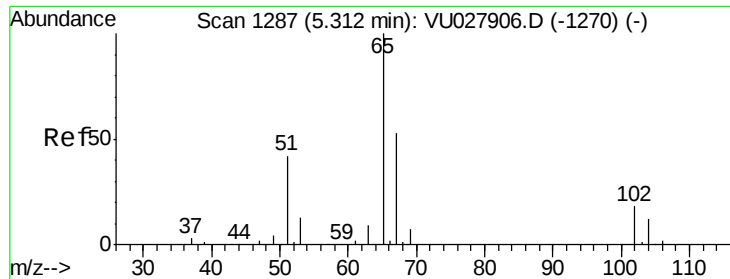
#32
1,1,1-Trichloroethane
Concen: 49.251 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 97 Resp: 173419
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 47.7 38.3 57.5



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

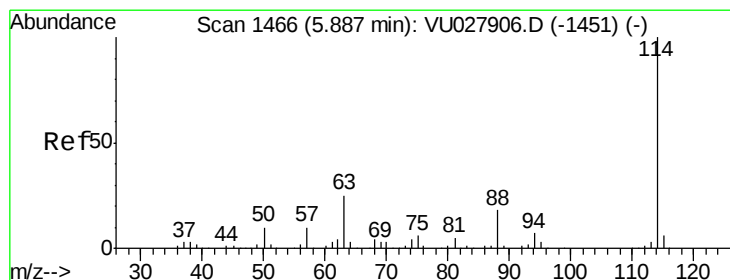
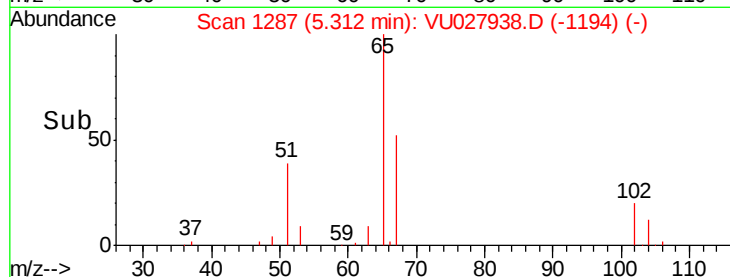
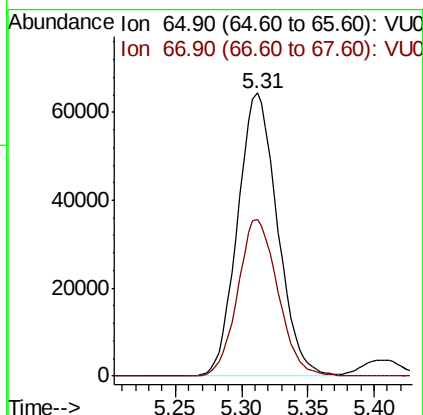
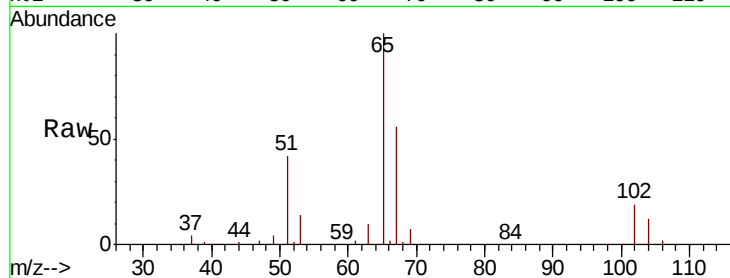




#33
 1,2-Dichloroethane-d4
 Concen: 49.388 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

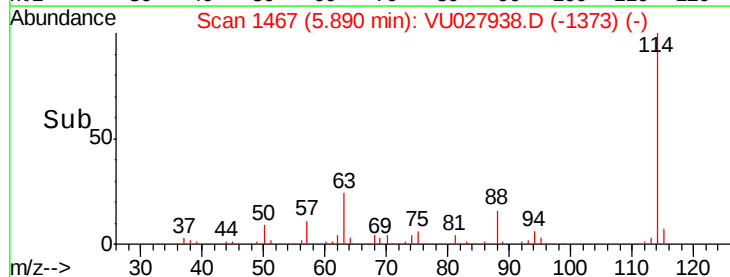
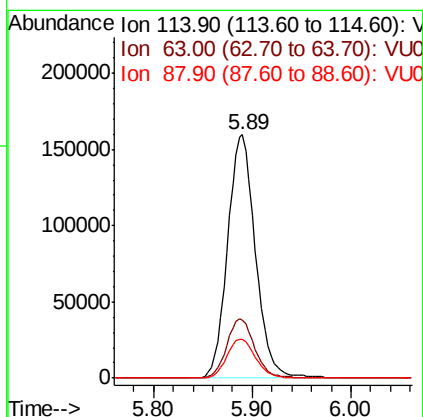
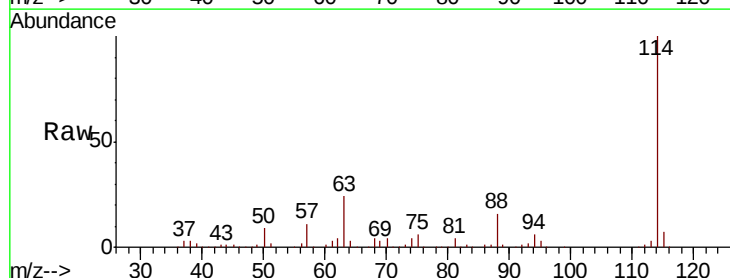
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

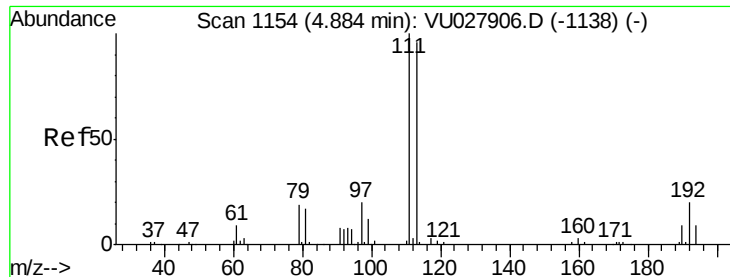
Tot Ion: 65 Resp: 134483
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 114 Resp: 313271
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.8
 88 15.9 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.383 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

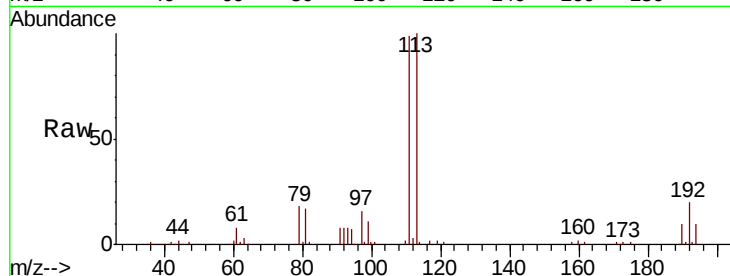
Tot Ion:113 Resp: 101492

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

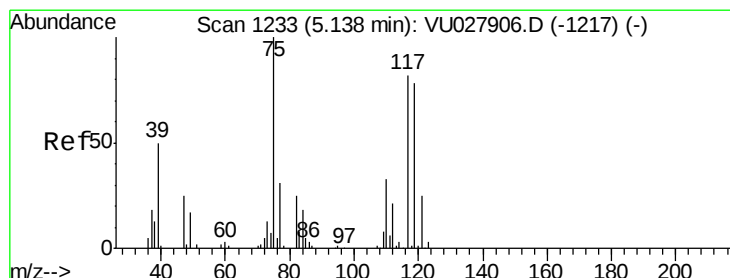
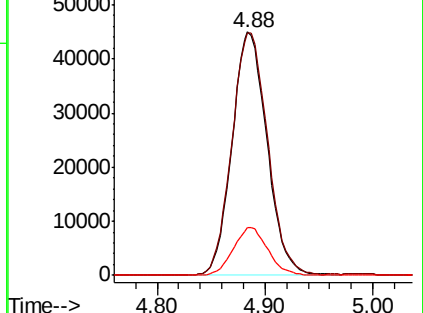
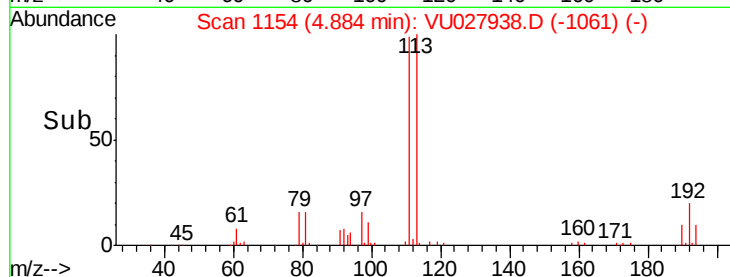
192 19.4 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.902 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

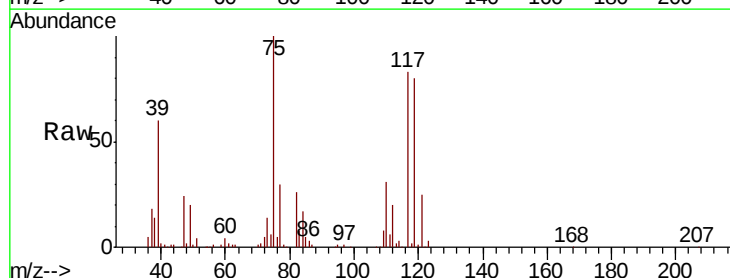
Tgt Ion: 75 Resp: 160447

Ion Ratio Lower Upper

75 100

110 31.2 16.5 49.5

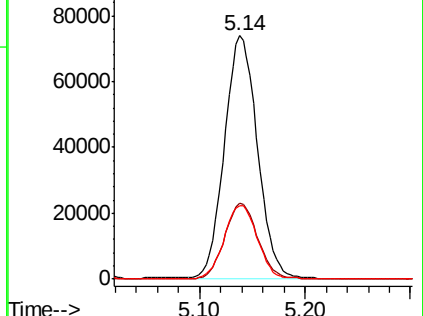
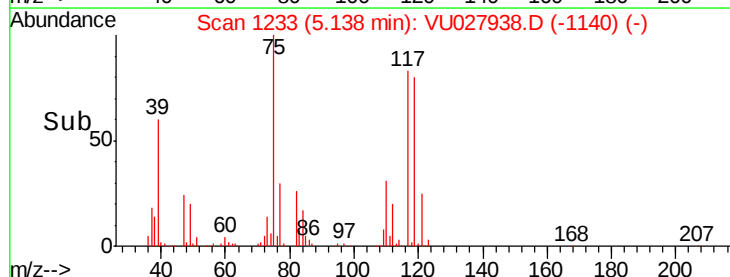
77 30.7 24.9 37.3

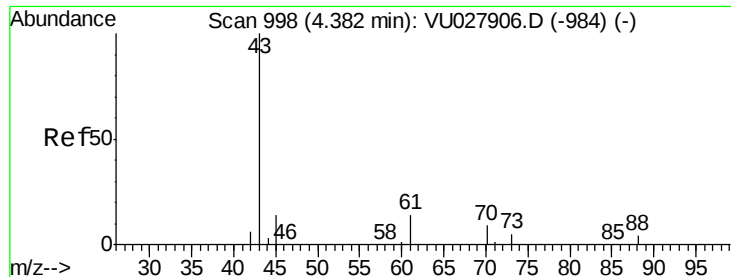


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

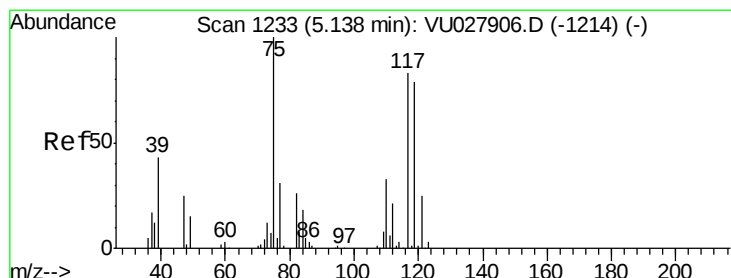
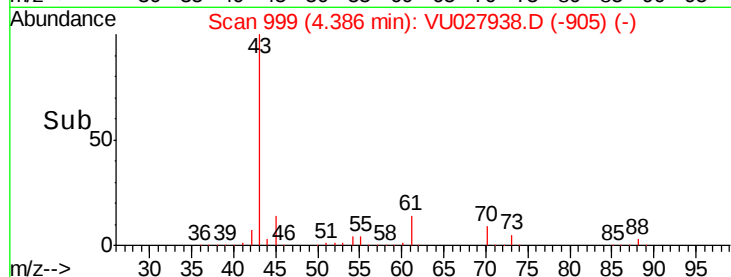
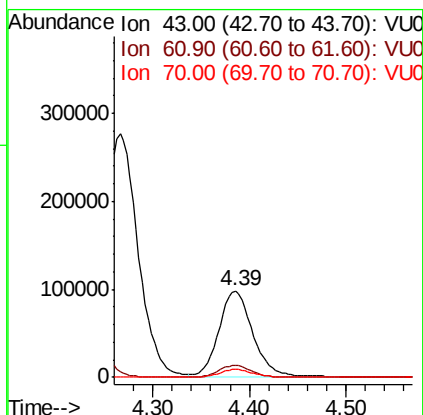
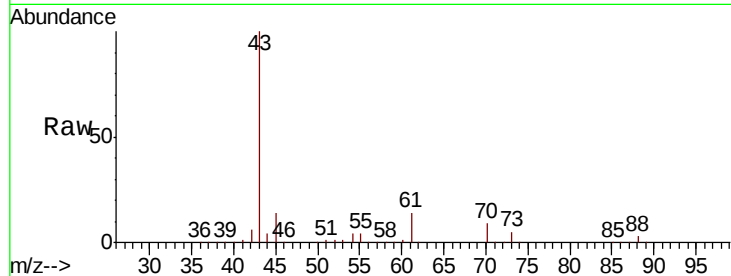




#37
Ethyl Acetate
Concen: 49.347 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

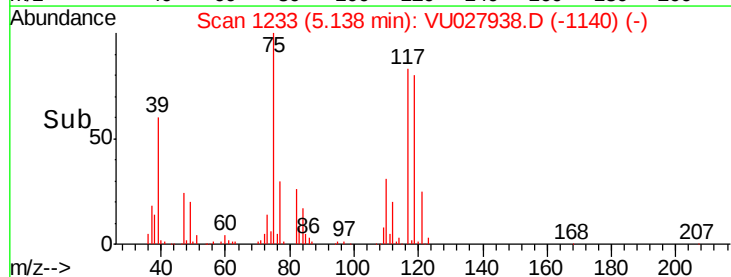
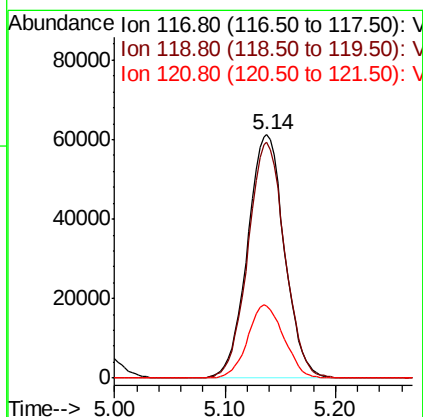
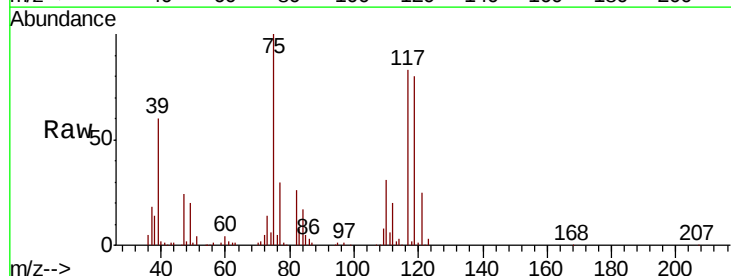
Instrument :
MSVOA_U
ClientSampled :
VSTDCCC050EC

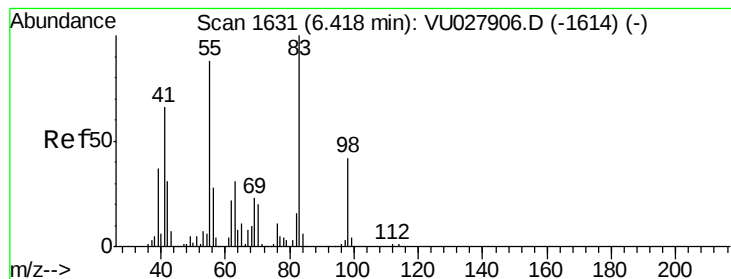
Tot Ion: 43 Resp: 237230
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 48.816 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 117 Resp: 141941
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
121 29.8 24.5 36.7





#39

Methylvlcvclohexane

Concen: 47.864 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

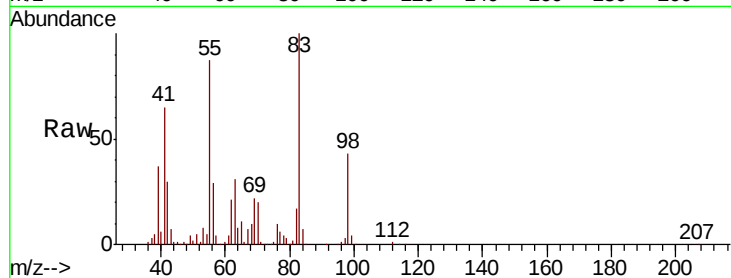
Tot Ion: 83 Resp: 189410

Ion Ratio Lower Upper

83 100

55 87.0 70.3 105.5

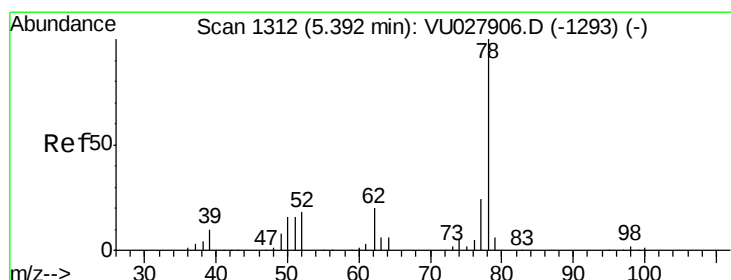
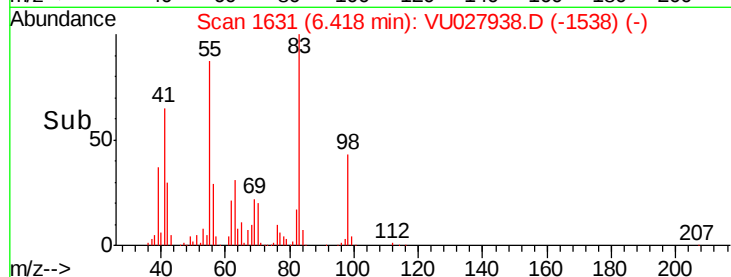
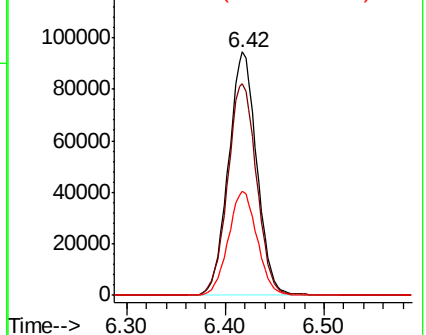
98 42.9 34.0 51.0



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#40

Benzene

Concen: 48.738 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027938.D

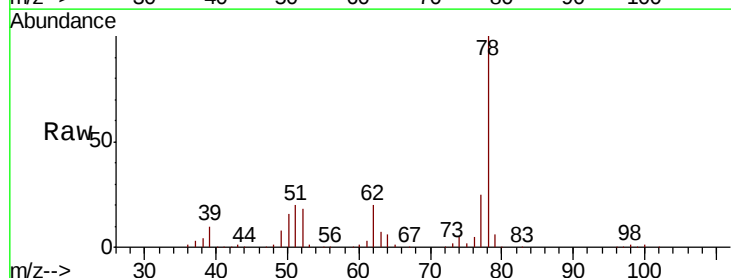
Acq: 02 Nov 2018 19:56

Tgt Ion: 78 Resp: 488906

Ion Ratio Lower Upper

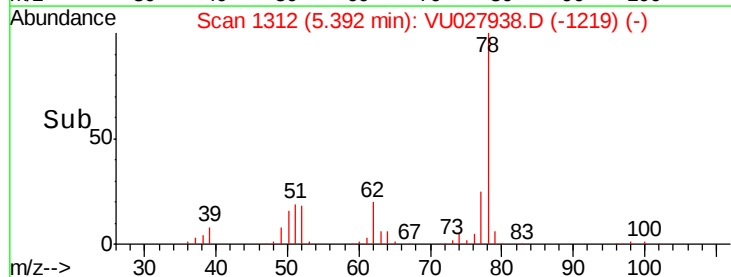
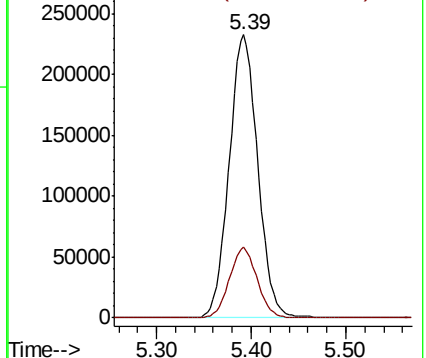
78 100

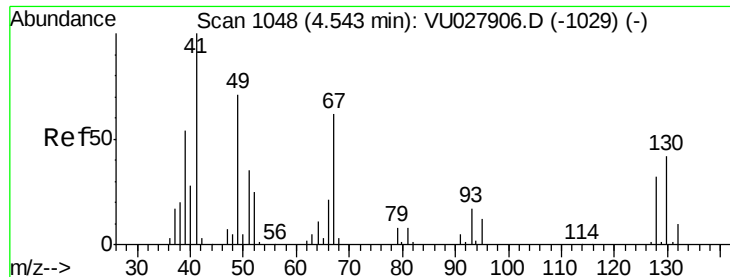
77 24.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

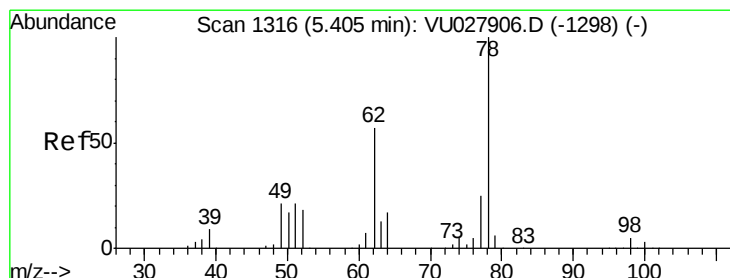
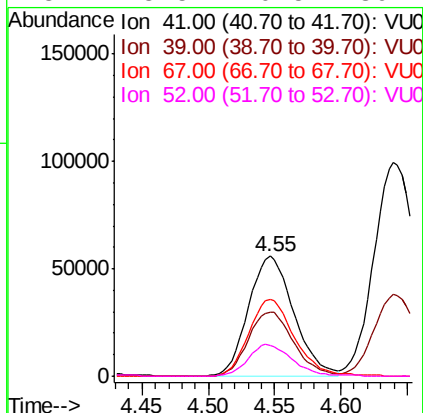
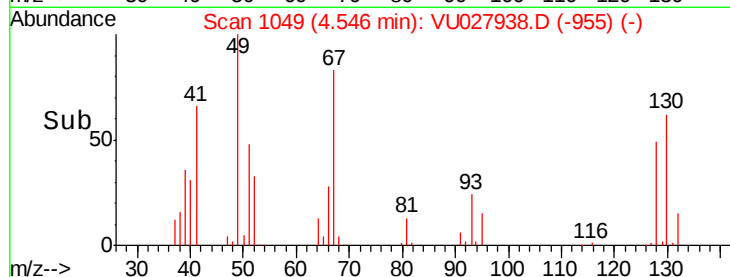
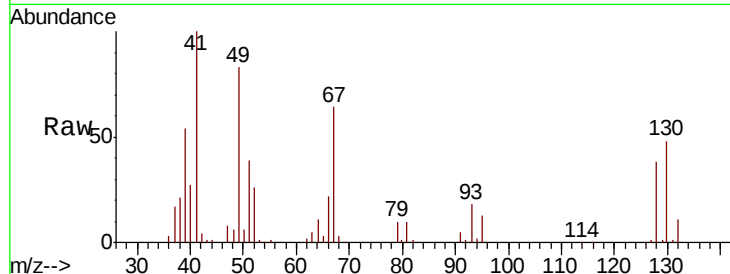




#41
Methacrylonitrile
Concen: 51.821 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

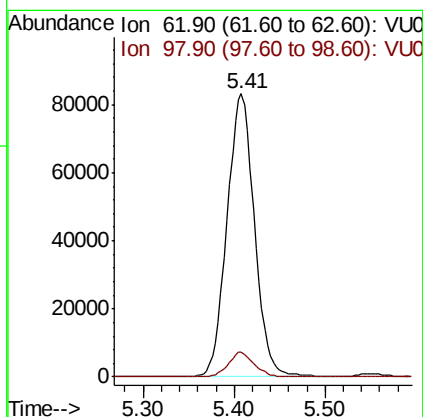
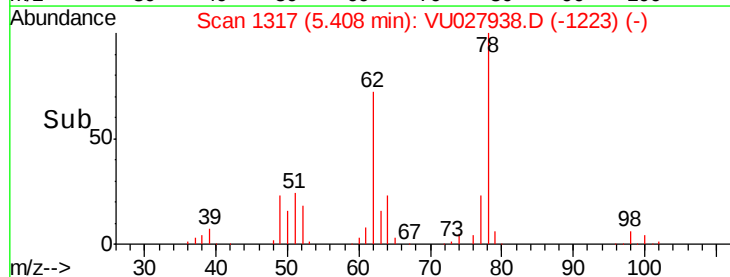
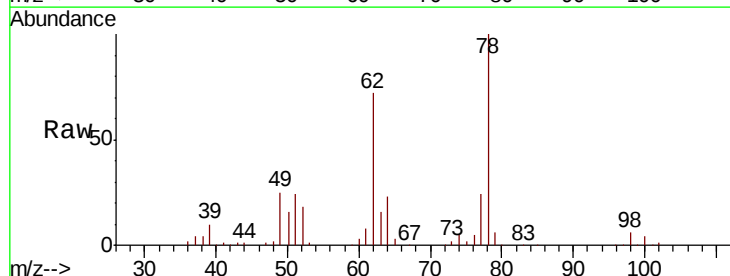
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

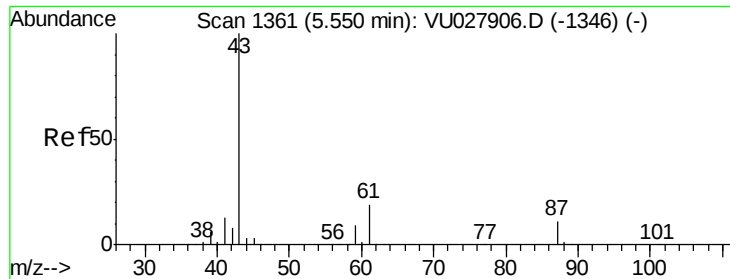
Tot Ion:	41	Resp:	132950
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.2	63.4
67	64.2	49.5	74.3
52	25.5	20.5	30.7



#42
1,2-Dichloroethane
Concen: 48.929 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:	62	Resp:	174465
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

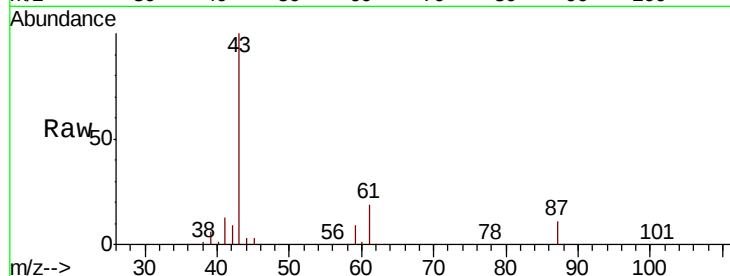




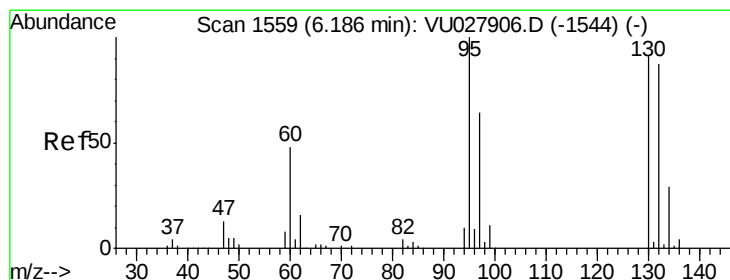
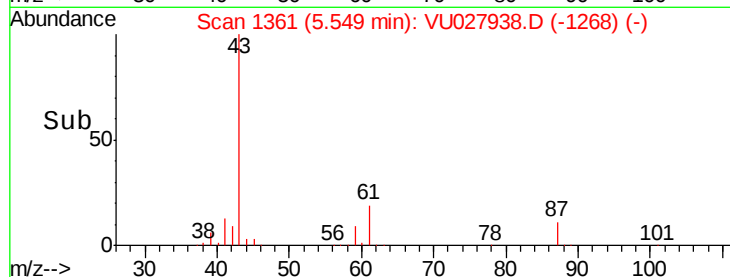
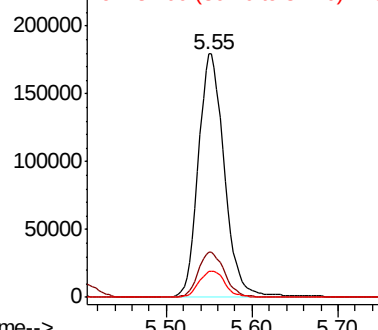
#43
Isopropyl Acetate
Concen: 49.907 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 375885
Ion Ratio Lower Upper
43 100
61 18.9 15.0 22.4
87 10.9 8.6 12.8

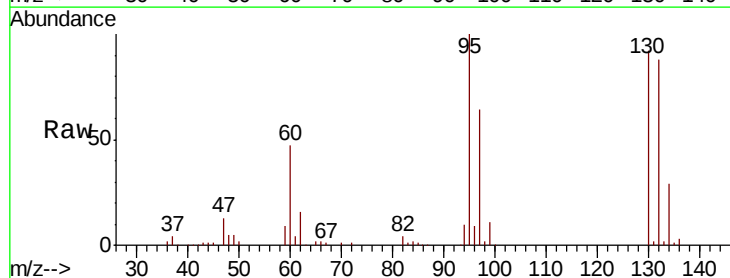


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 87.00 (86.70 to 87.70): VU0

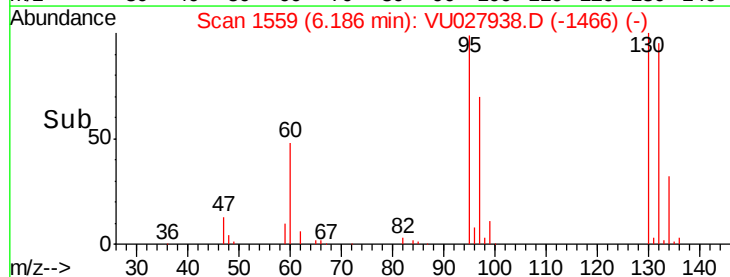
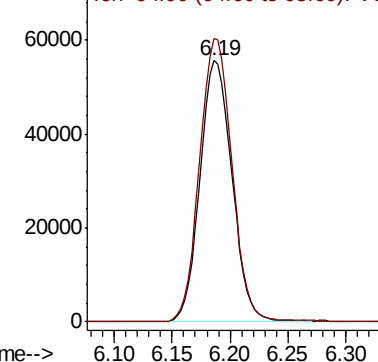


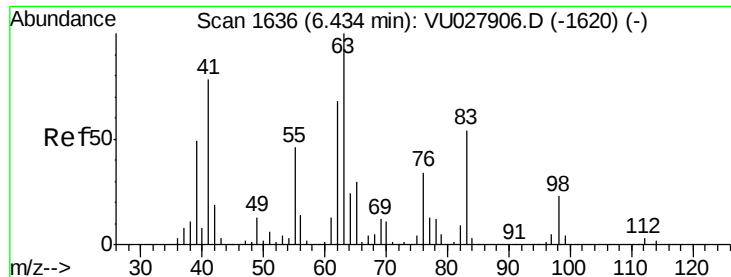
#44
Trichloroethene
Concen: 49.335 ug/l
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:130 Resp: 106378
Ion Ratio Lower Upper
130 100
95 108.3 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 49.373 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

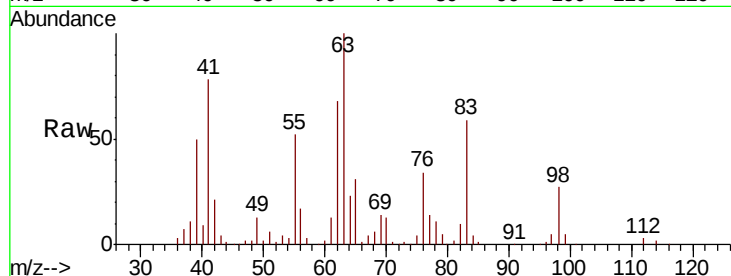
VSTDCCC050EC

Tot Ion: 63 Resp: 142835

Ion Ratio Lower Upper

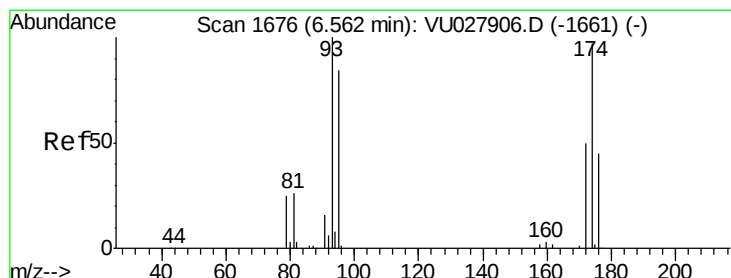
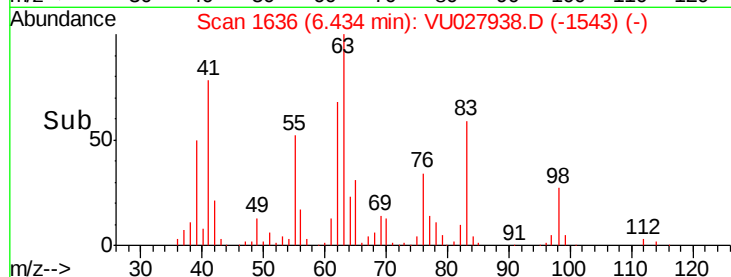
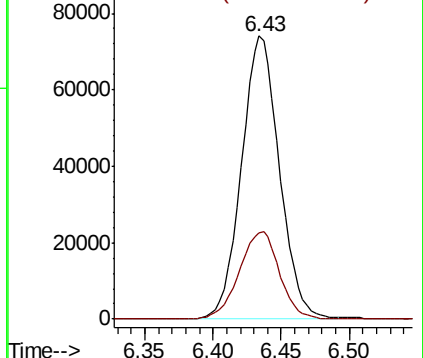
63 100

65 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 49.694 ug/l

RT: 6.56 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

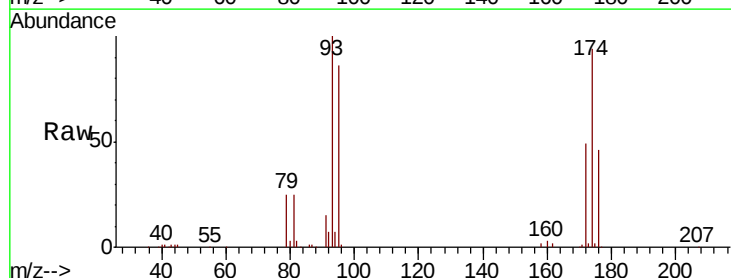
Tgt Ion: 93 Resp: 82635

Ion Ratio Lower Upper

93 100

95 85.2 68.5 102.7

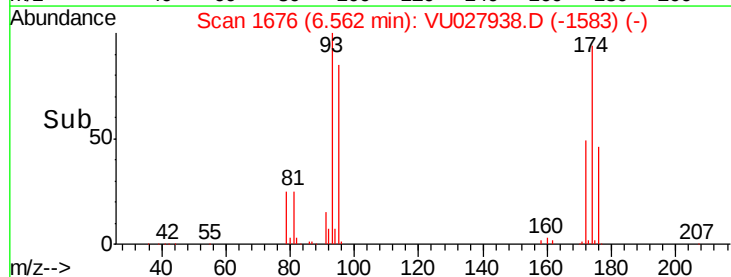
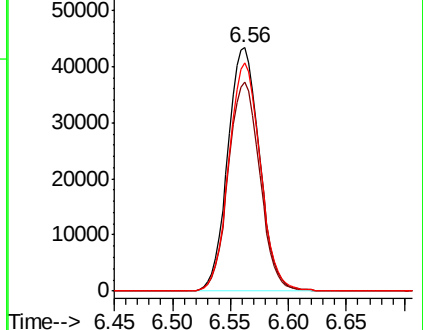
174 92.7 76.1 114.1

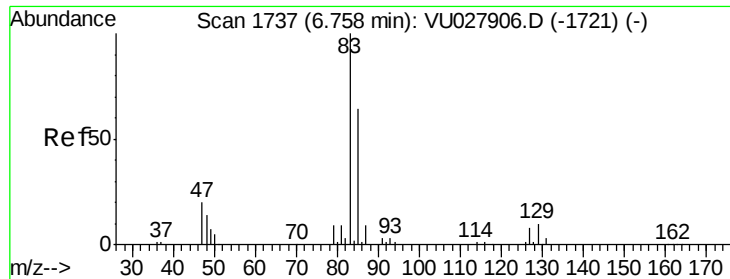


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.616 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

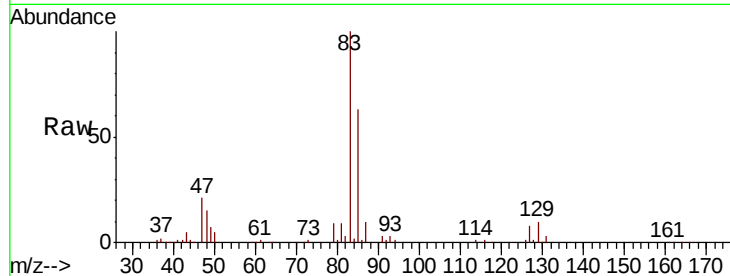
Tot Ion: 83 Resp: 162203

Ion Ratio Lower Upper

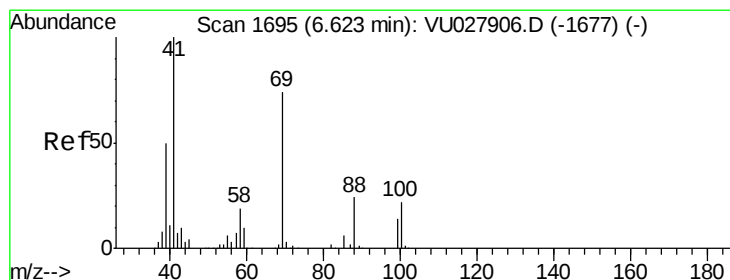
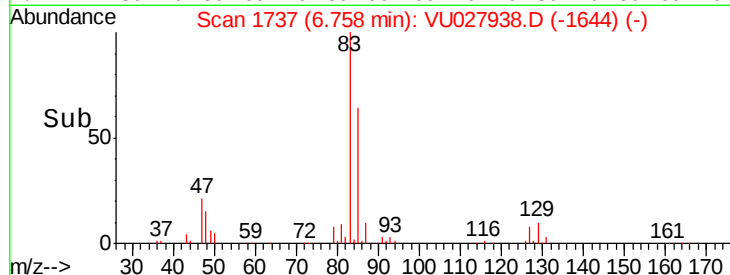
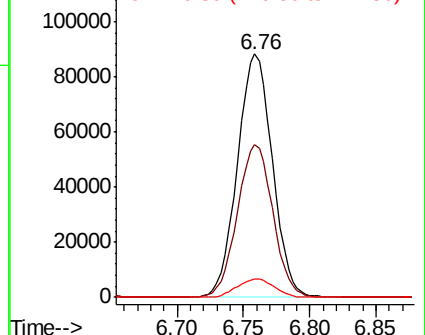
83 100

85 62.7 51.0 76.6

127 7.6 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.279 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

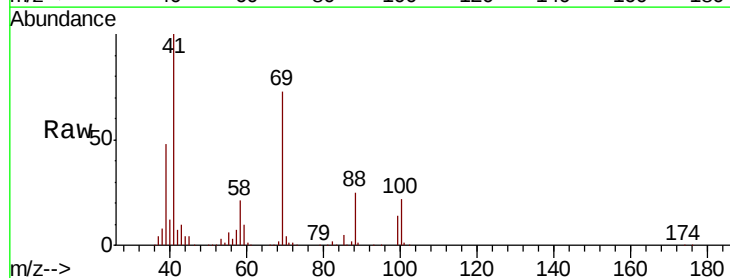
Tgt Ion: 41 Resp: 192954

Ion Ratio Lower Upper

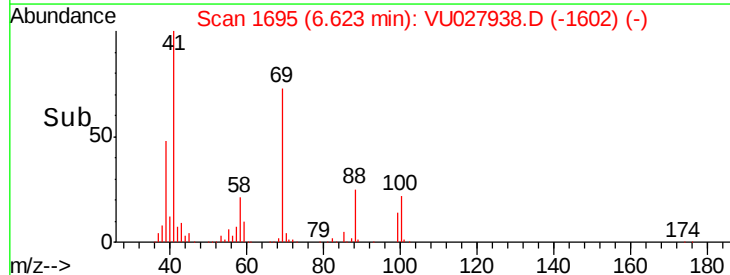
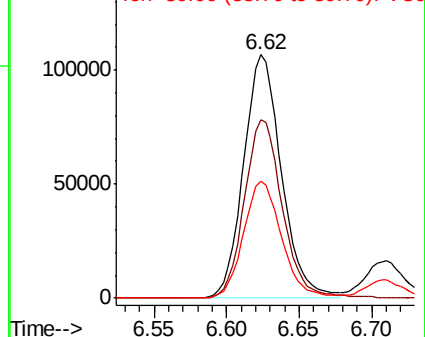
41 100

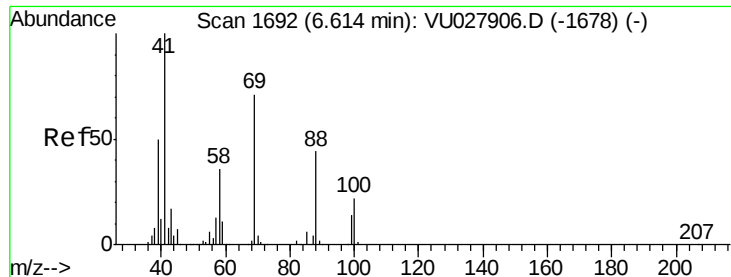
69 74.0 59.8 89.8

39 48.2 40.0 60.0



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

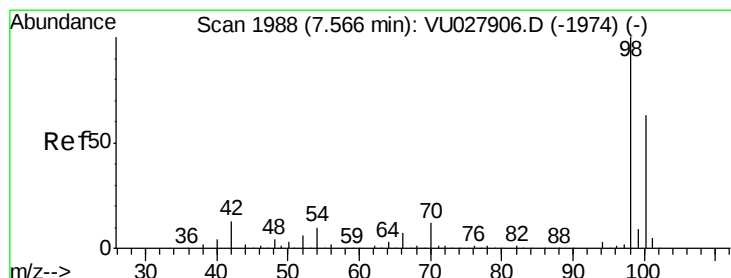
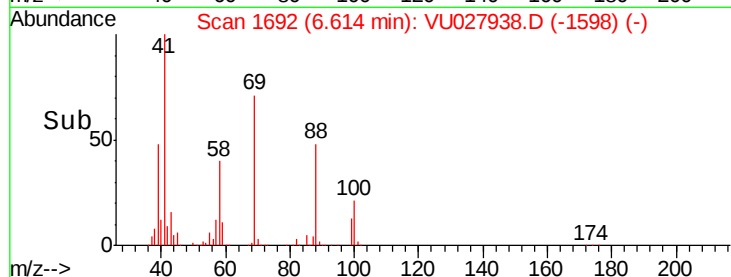
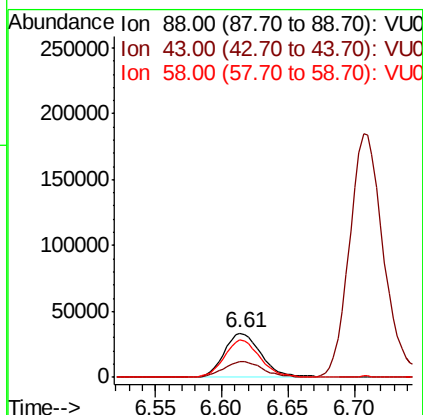
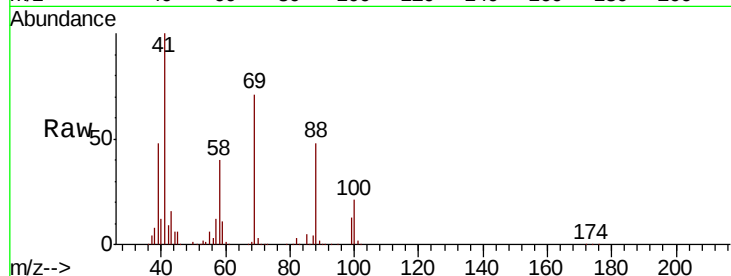




#49
1,4-Dioxane
Concen: 1072.507 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

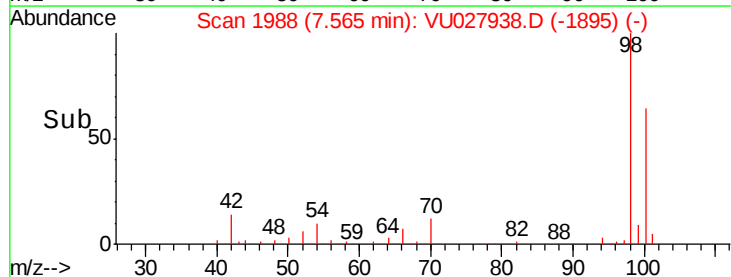
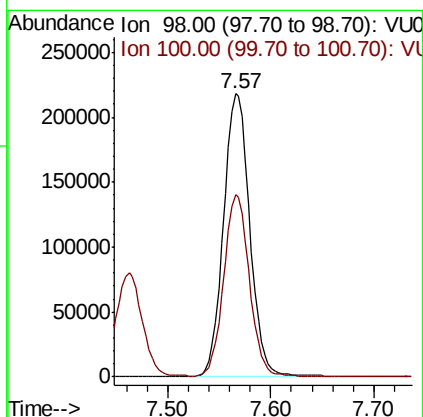
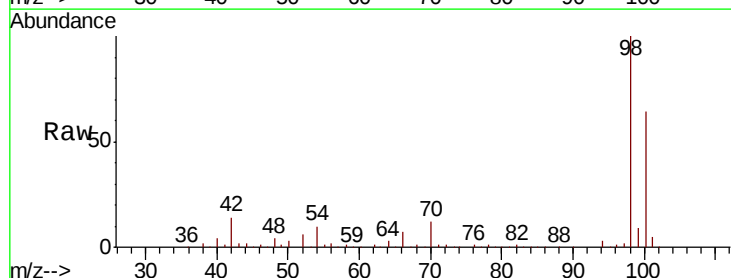
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

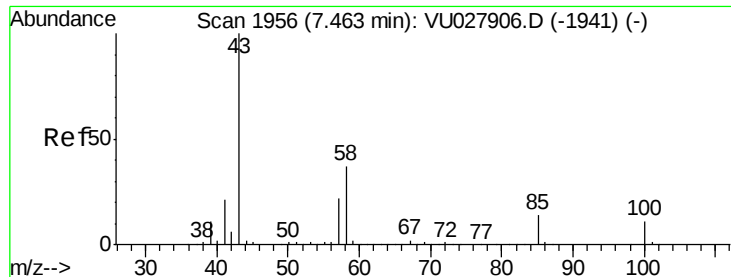
Tot Ion: 88 Resp: 64583
Ion Ratio Lower Upper
88 100
43 36.1 30.5 45.7
58 83.3 67.1 100.7



#50
Toluene-d8
Concen: 50.933 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 98 Resp: 388623
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 250.079 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

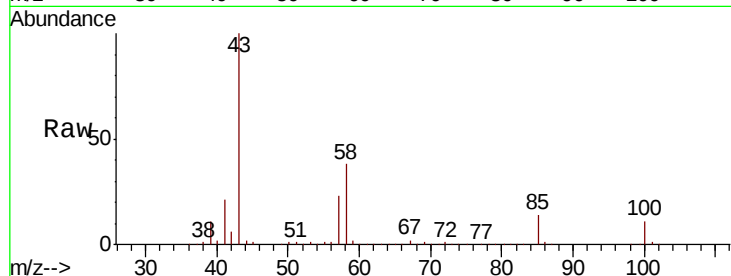
VSTDCCC050EC

Tot Ion: 43 Resp: 1257886

Ion Ratio Lower Upper

43 100

58 37.3 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1941) (-)

Ion 58.00 (57.70 to 58.70): VU027906.D (-1941) (-)

7.46

800000

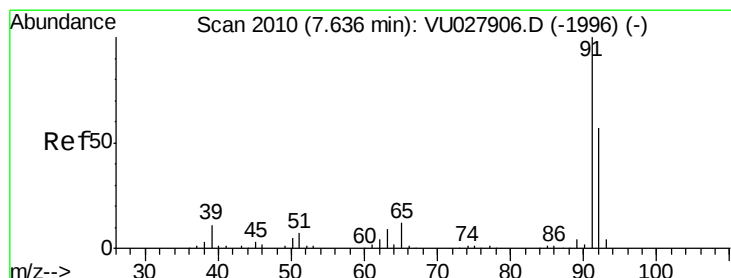
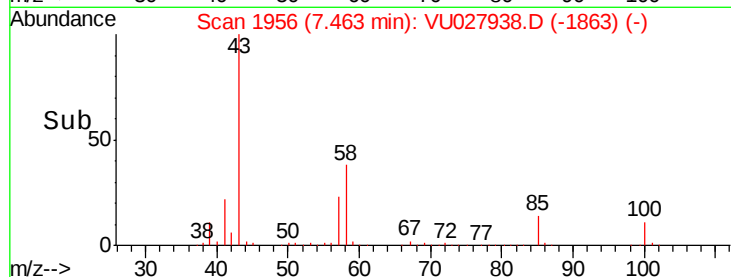
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.413 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027938.D

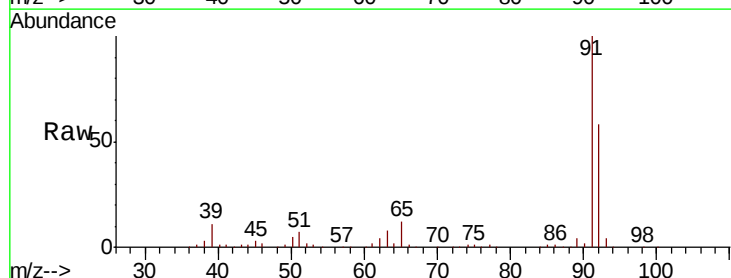
Acq: 02 Nov 2018 19:56

Tgt Ion: 92 Resp: 291404

Ion Ratio Lower Upper

92 100

91 176.2 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU027906.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027906.D (-1996) (-)

7.64

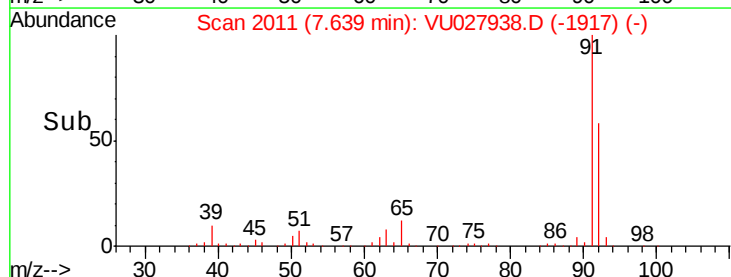
300000

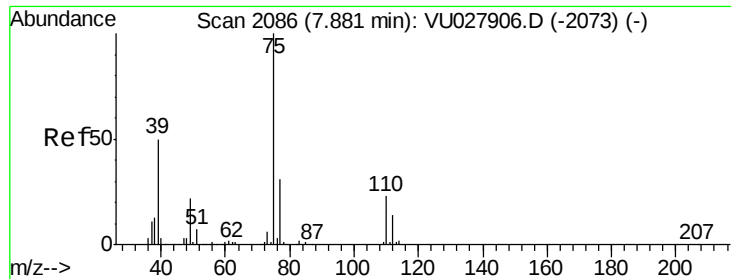
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.724 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

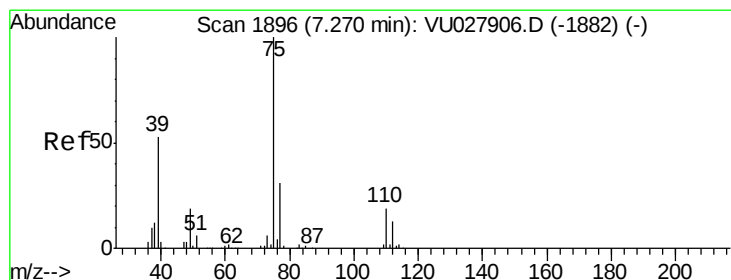
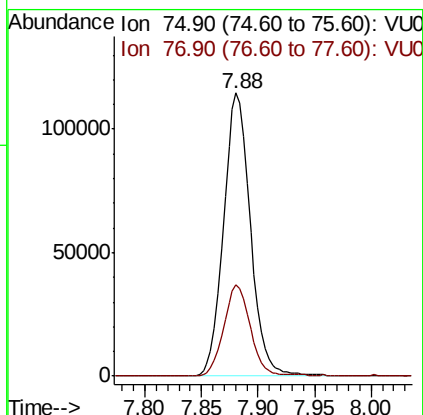
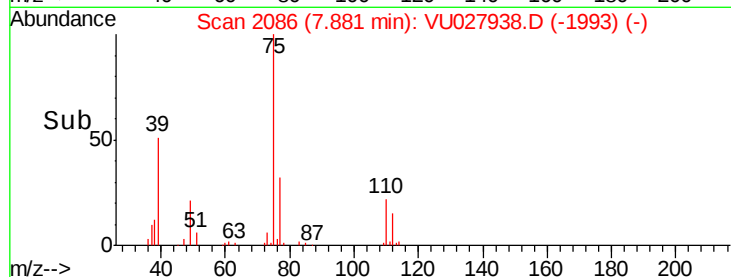
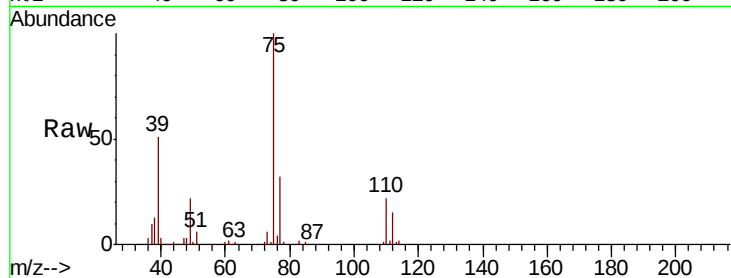
VSTDCCC050EC

Tot Ion: 75 Resp: 189450

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 51.953 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

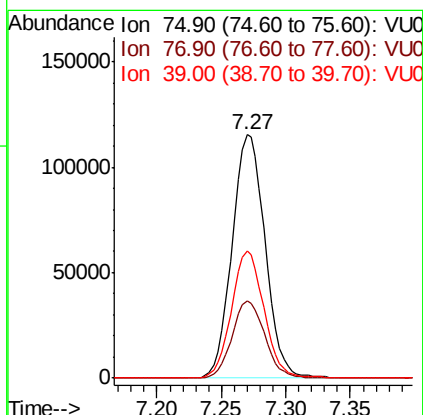
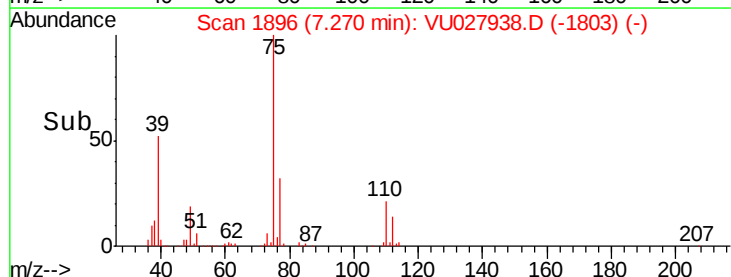
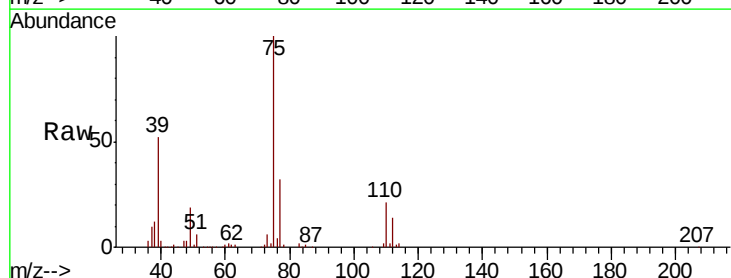
Tgt Ion: 75 Resp: 205240

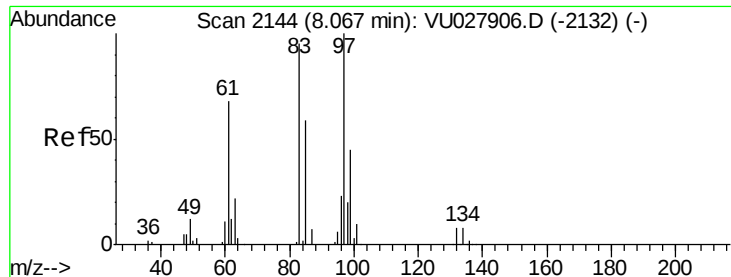
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 52.3 42.6 64.0



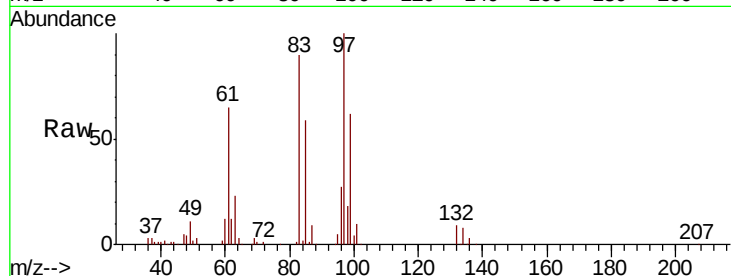


#55
 1,1,2-Trichloroethane
 Concen: 50.170 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

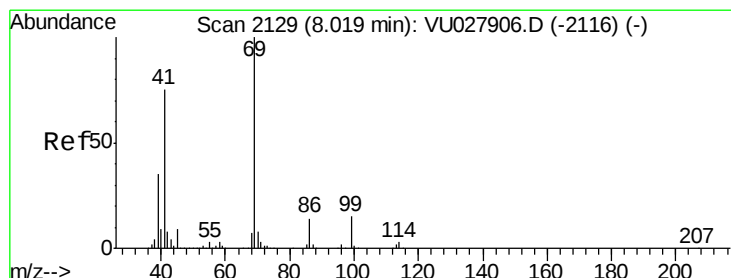
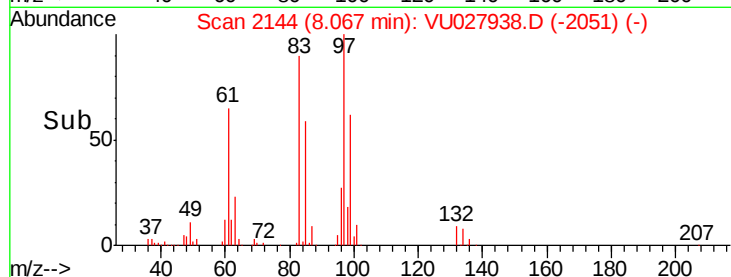
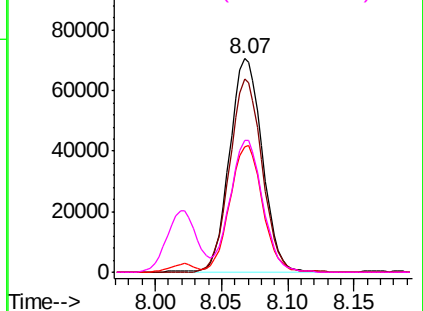
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 120373

Ion	Ratio	Lower	Upper
97	100		
83	90.6	76.1	114.1
85	58.9	48.9	73.3
99	61.8	52.0	78.0



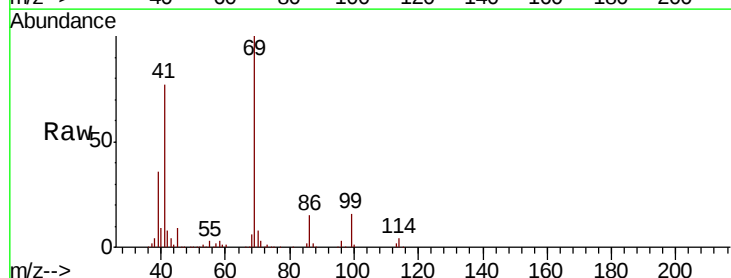
Abundance Ion 96.90 (96.60 to 97.60): VU0
 Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0
 Ion 98.90 (98.60 to 99.60): VU0



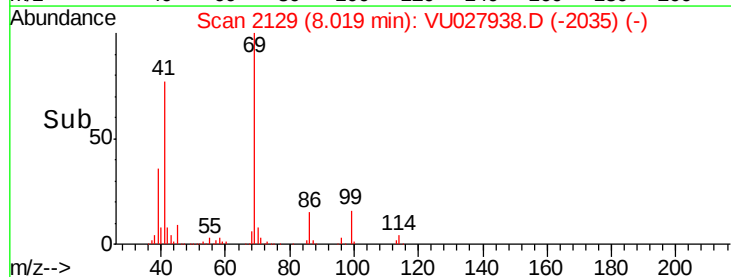
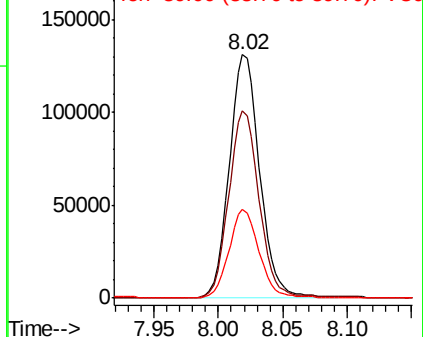
#56
 Ethyl methacrylate
 Concen: 50.795 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

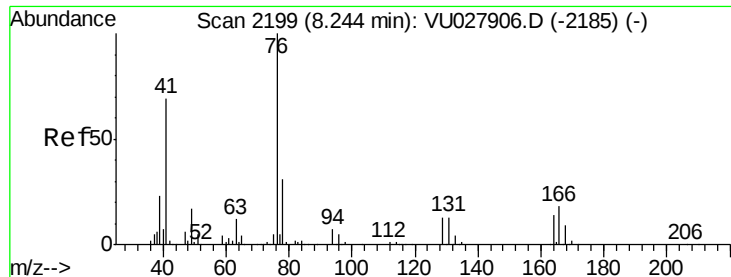
Tgt Ion: 69 Resp: 214918

Ion	Ratio	Lower	Upper
69	100		
41	77.7	59.8	89.6
39	35.7	28.6	42.8



Abundance Ion 69.00 (68.70 to 69.70): VU0
 Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0

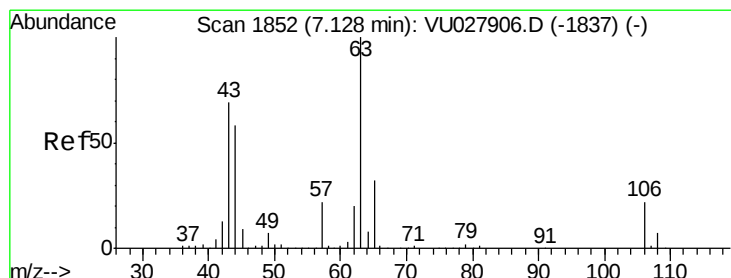
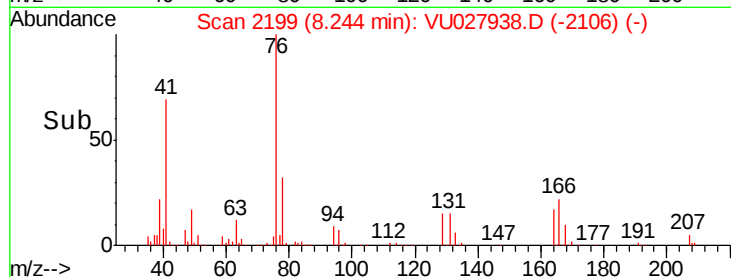
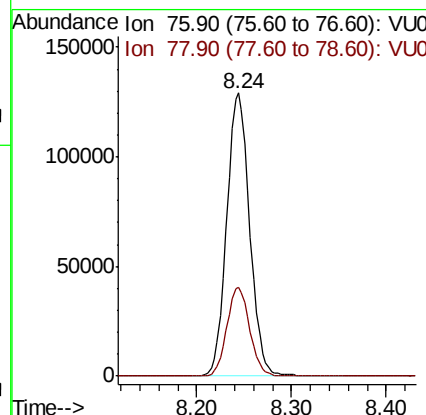
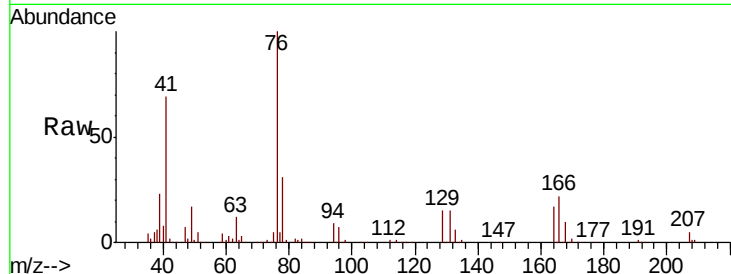




#57
 1,3-Dichloropropane
 Concen: 49.664 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

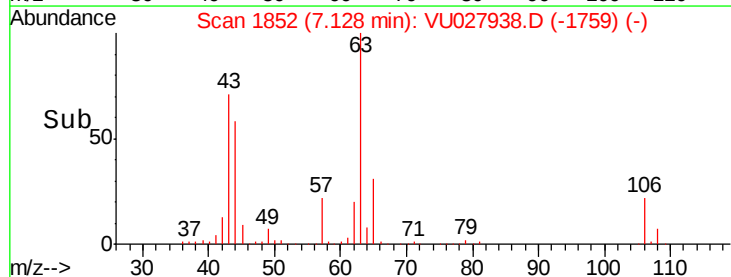
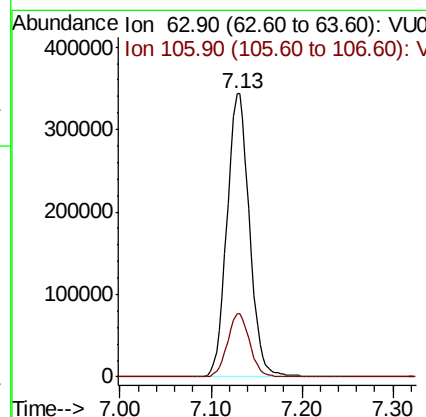
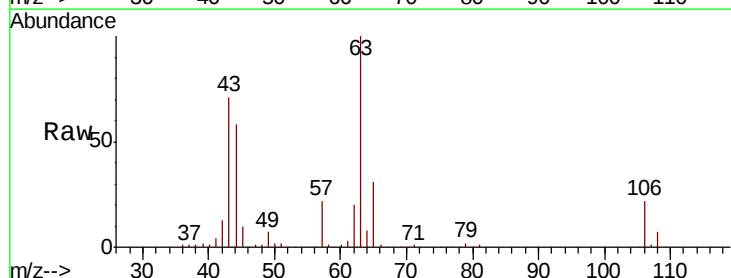
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

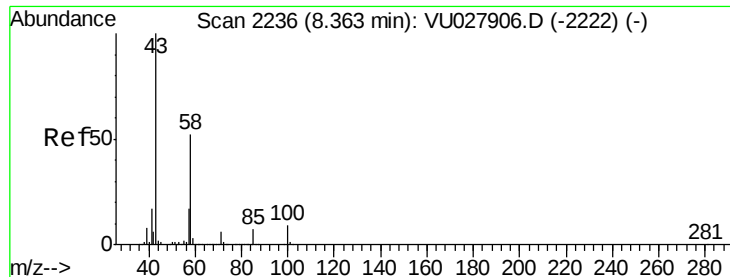
Tot Ion: 76 Resp: 217059
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.180 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 63 Resp: 589591
 Ion Ratio Lower Upper
 63 100
 106 22.2 17.8 26.6

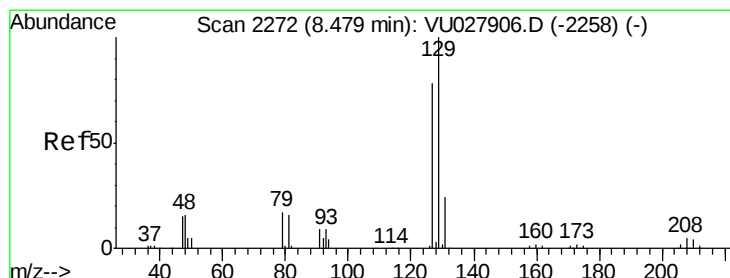
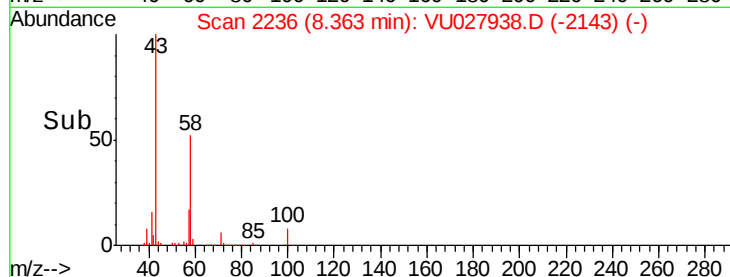
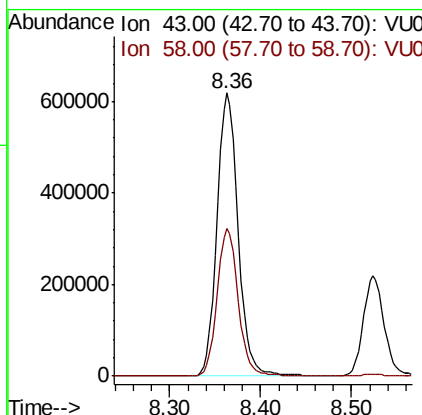
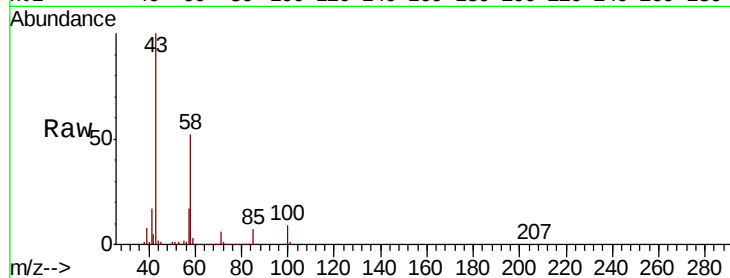




#59
2-Hexanone
Concen: 255.950 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

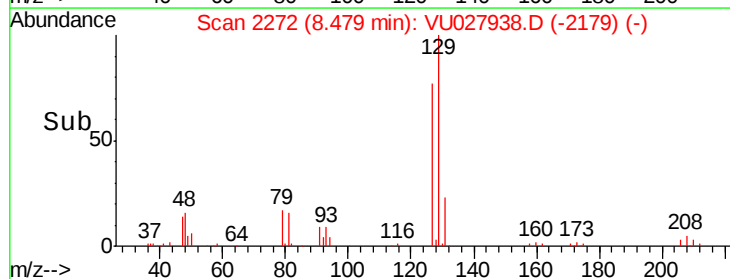
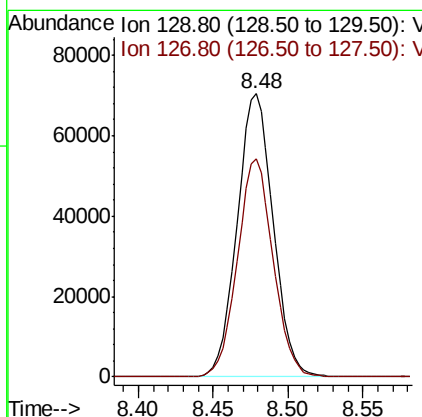
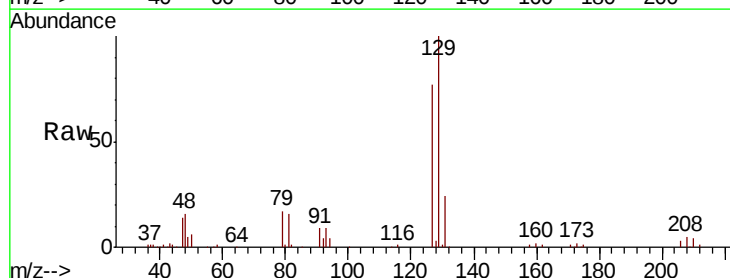
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

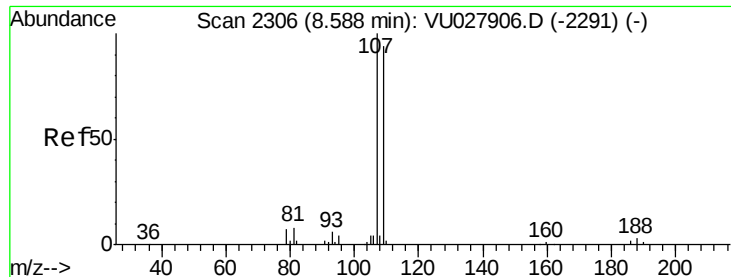
Tot Ion: 43 Resp: 995728
Ion Ratio Lower Upper
43 100
58 52.0 25.8 77.3



#60
Dibromochloromethane
Concen: 52.089 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 129 Resp: 118262
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.951 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

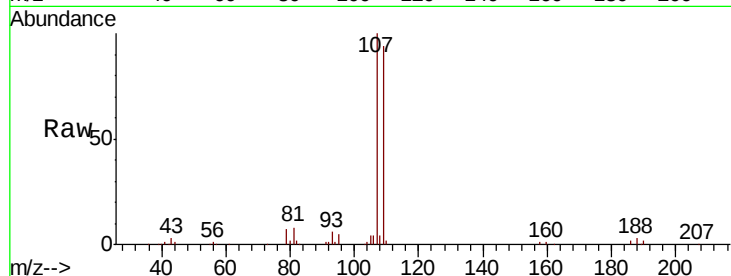
VSTDCCC050EC

Tot Ion:107 Resp: 127347

Ion Ratio Lower Upper

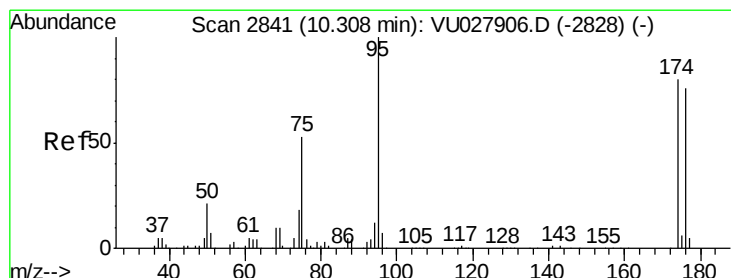
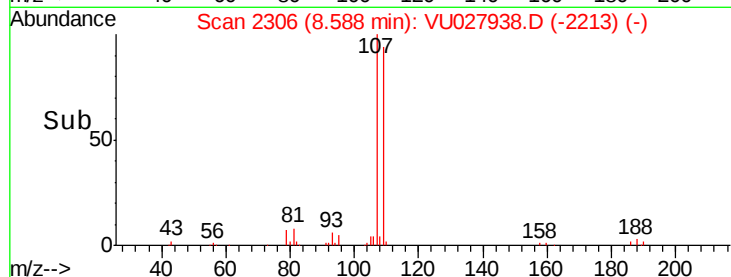
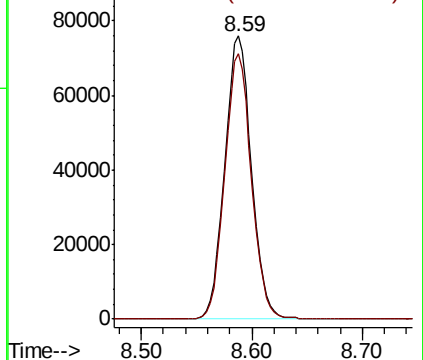
107 100

109 93.6 73.8 110.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.439 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

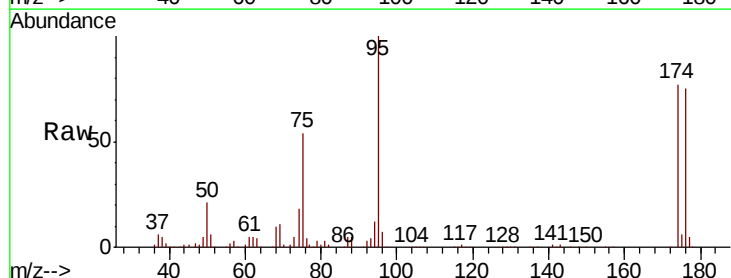
Tgt Ion: 95 Resp: 144767

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.4

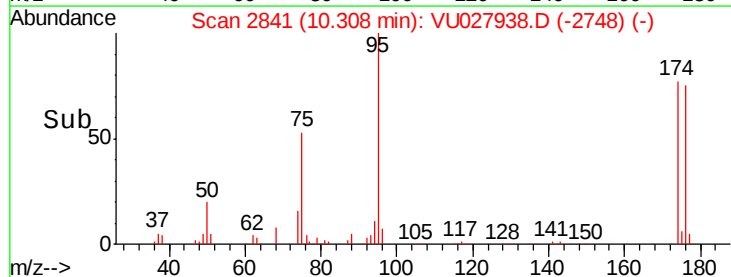
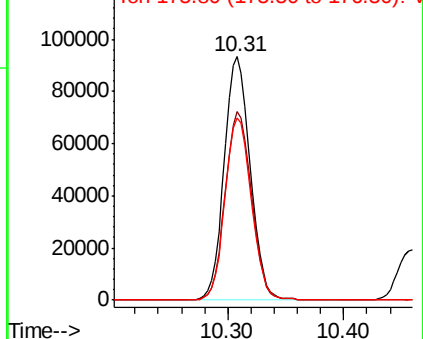
176 75.5 0.0 150.8

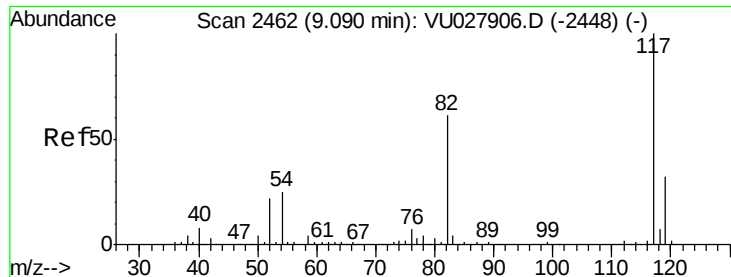


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

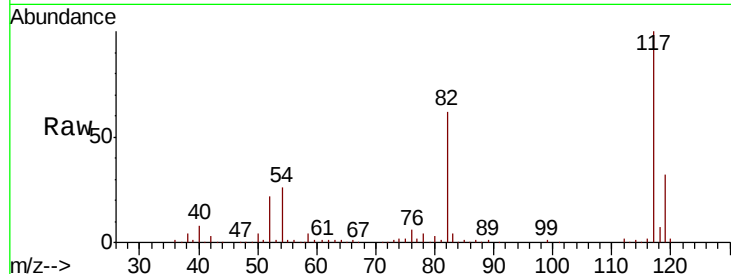




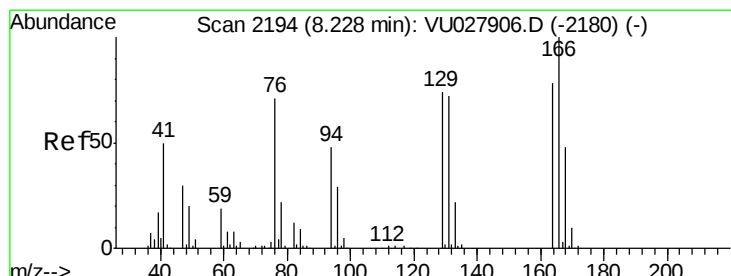
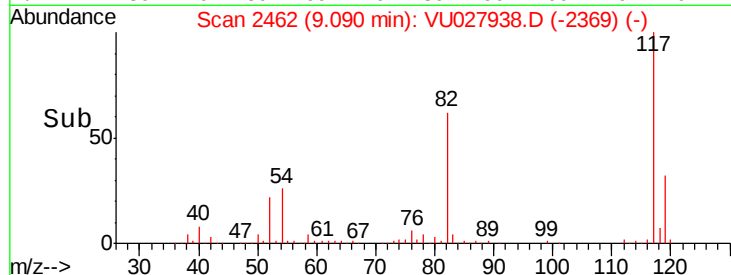
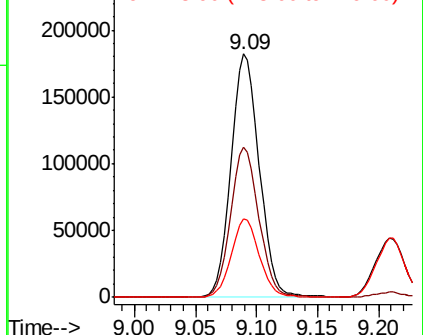
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 294889
Ion Ratio Lower Upper
117 100
82 61.9 48.6 73.0
119 32.2 25.8 38.8



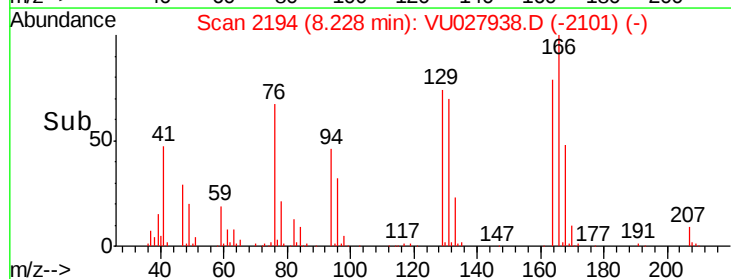
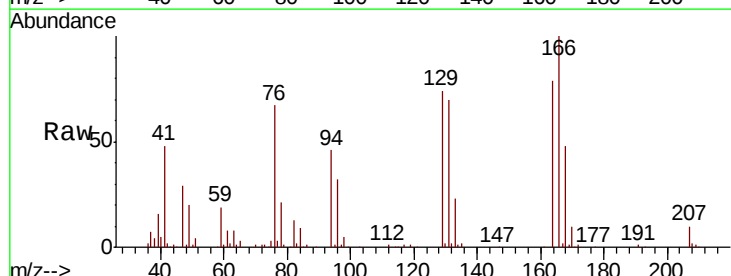
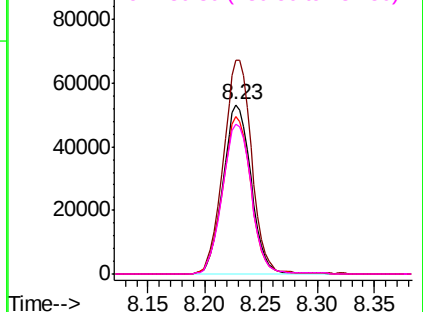
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

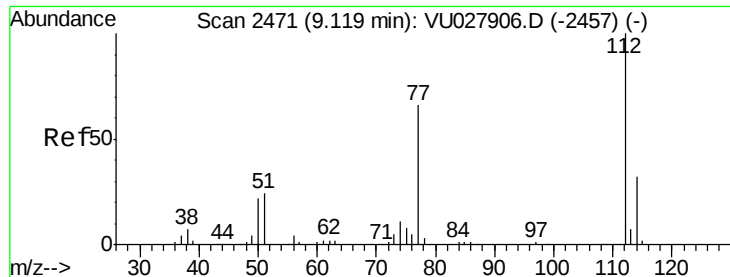


#64
Tetrachloroethene
Concen: 48.118 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:164 Resp: 92008
Ion Ratio Lower Upper
164 100
166 126.1 102.1 153.1
129 93.0 75.9 113.9
131 88.3 73.0 109.6

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

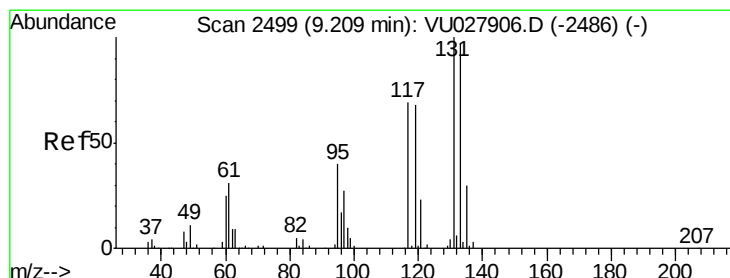
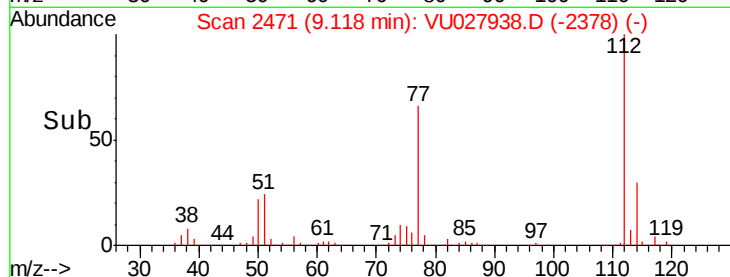
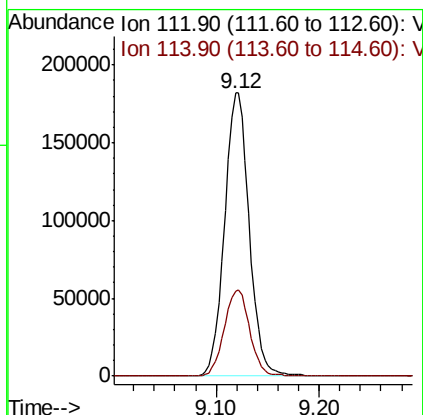
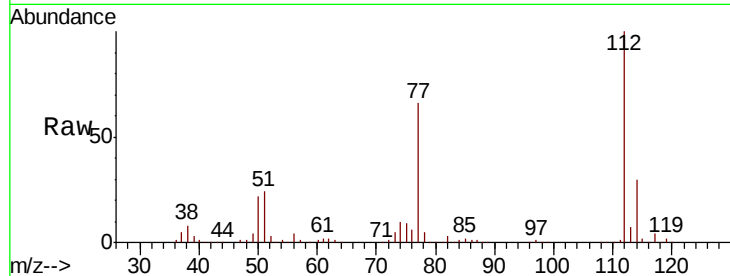




#65
Chlorobenzene
Concen: 48.690 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

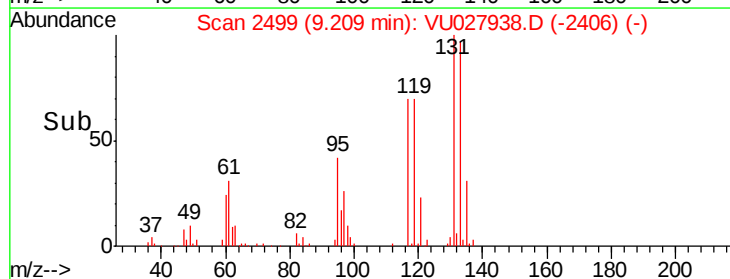
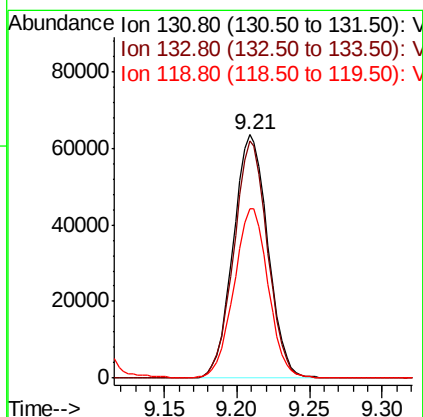
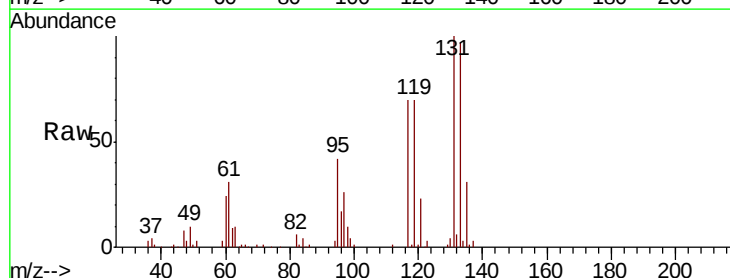
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

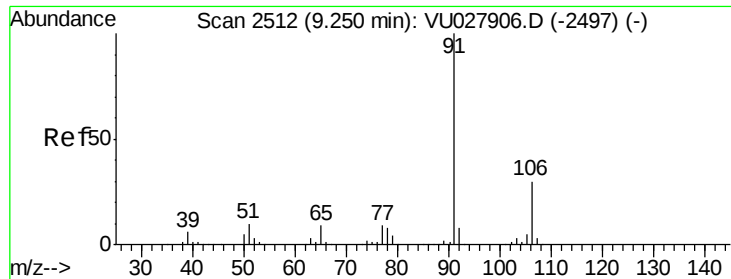
Tot Ion:112 Resp: 303351
Ion Ratio Lower Upper
112 100
114 30.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.539 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:131 Resp: 105420
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 68.5 34.0 101.8

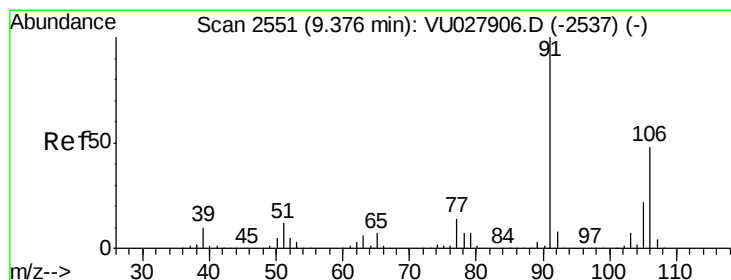
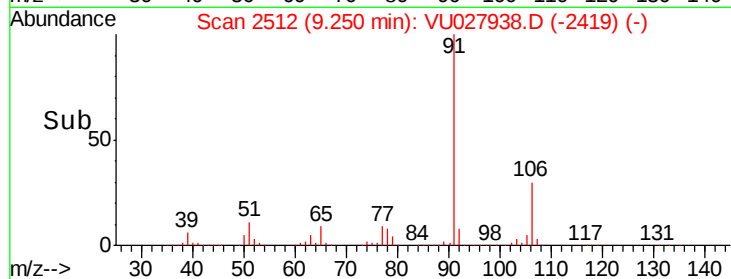
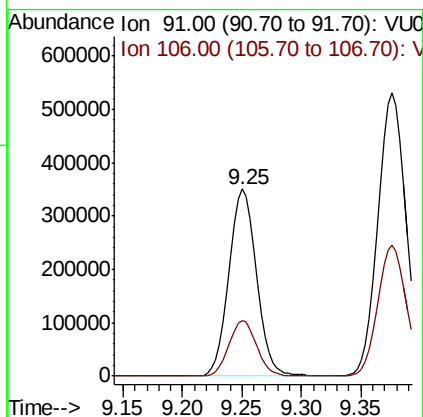
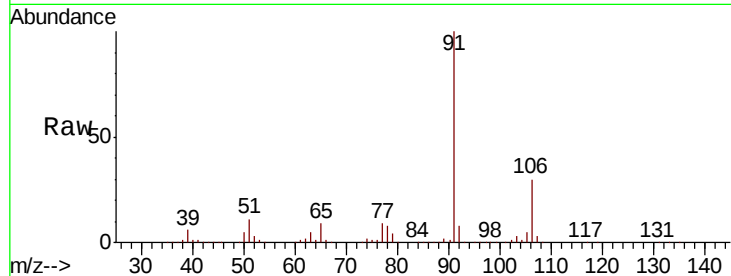




#67
Ethyl Benzene
Concen: 49.414 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

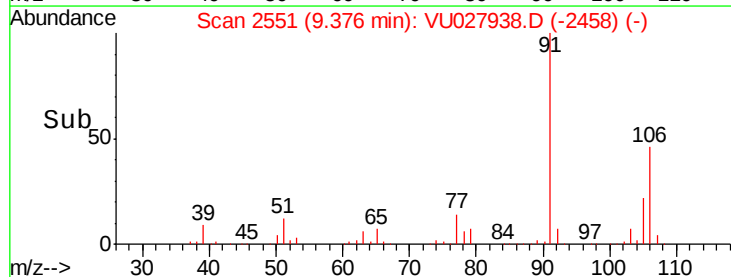
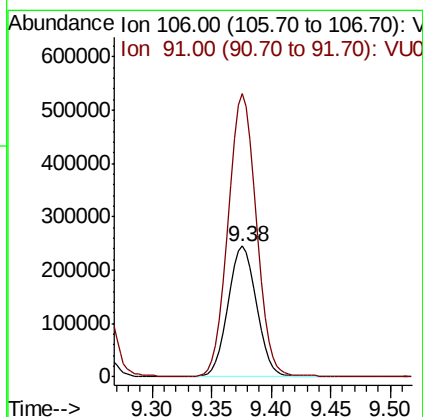
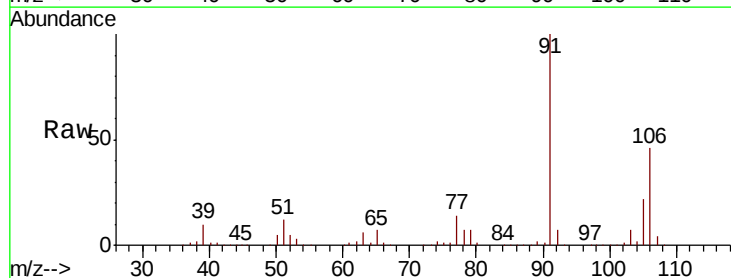
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

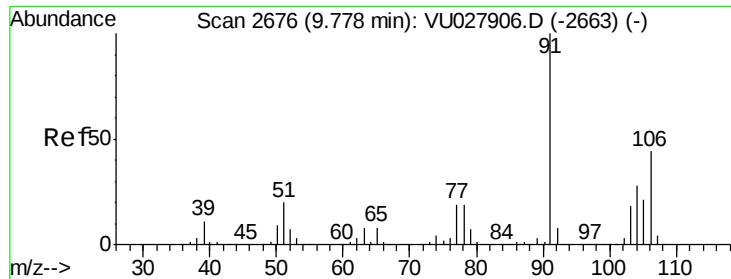
Tot Ion: 91 Resp: 566673
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4



#68
m/p-Xylenes
Concen: 98.274 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 106 Resp: 408916
Ion Ratio Lower Upper
106 100
91 214.1 168.2 252.4

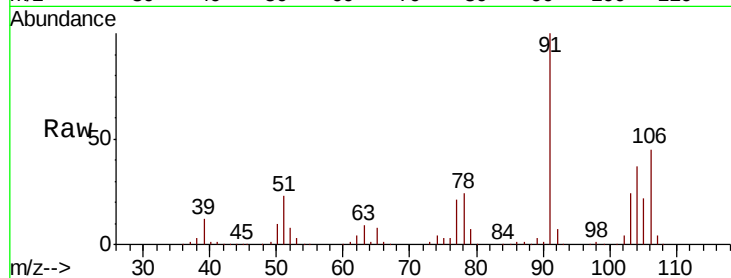




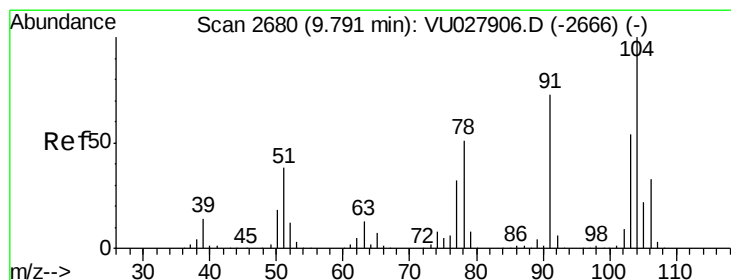
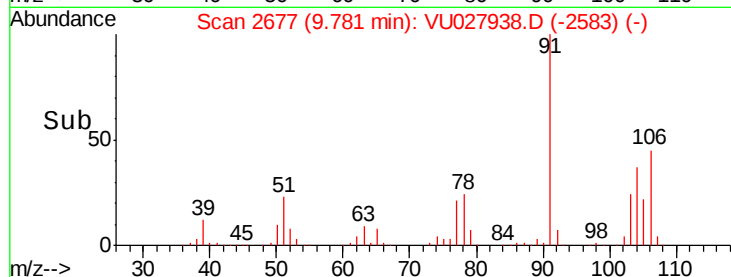
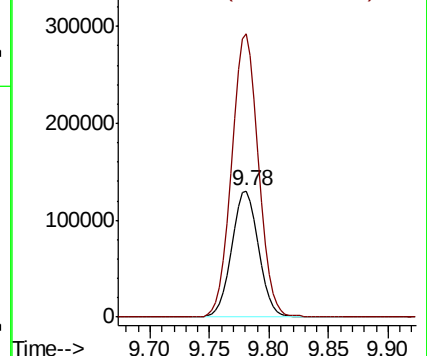
#69
o-Xylene
Concen: 48.560 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204034
Ion Ratio Lower Upper
106 100
91 223.8 111.1 333.4

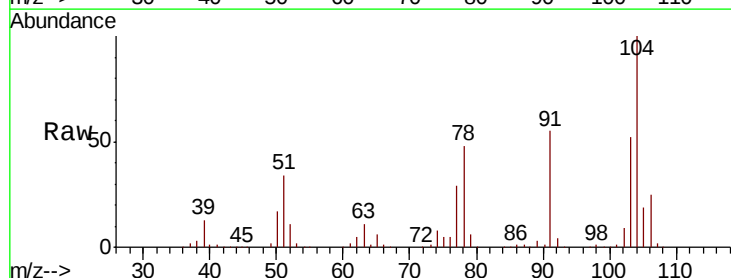


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

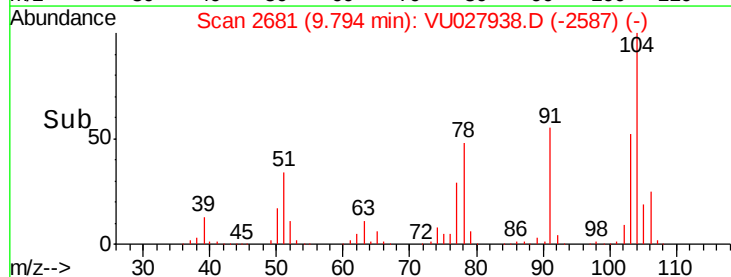
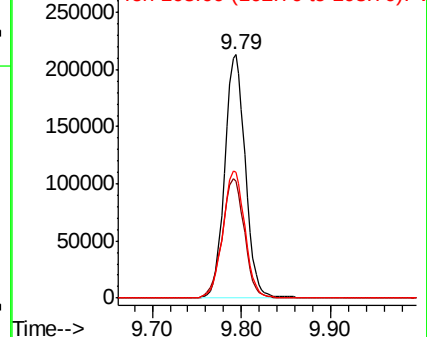


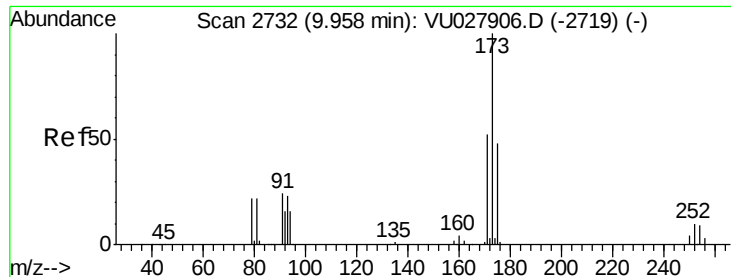
#70
Styrene
Concen: 50.676 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:104 Resp: 340217
Ion Ratio Lower Upper
104 100
78 53.2 43.0 64.4
103 56.1 45.1 67.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.415 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

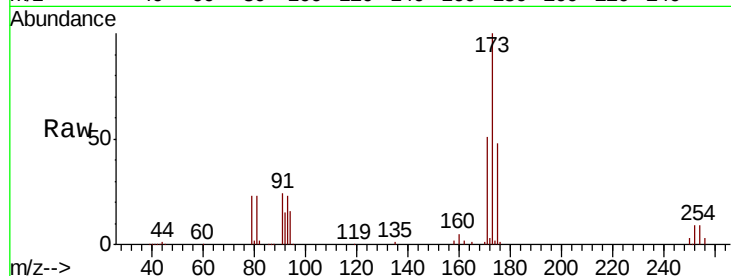
Tot Ion:173 Resp: 89913

Ion Ratio Lower Upper

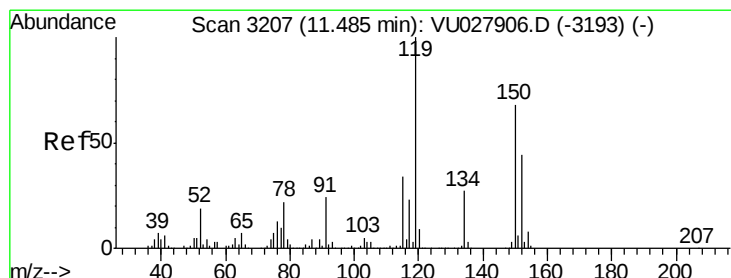
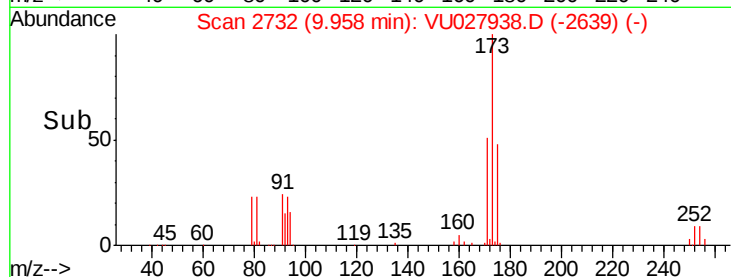
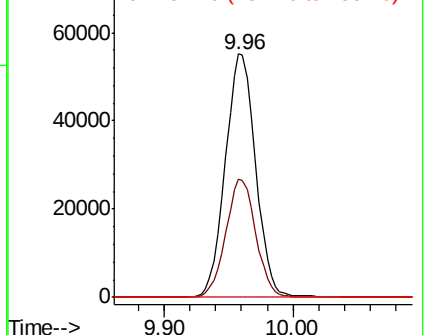
173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

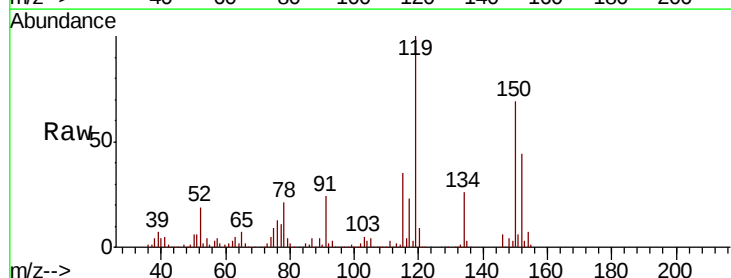
Tgt Ion:152 Resp: 146322

Ion Ratio Lower Upper

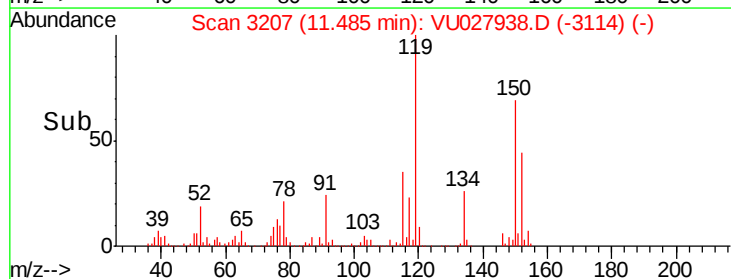
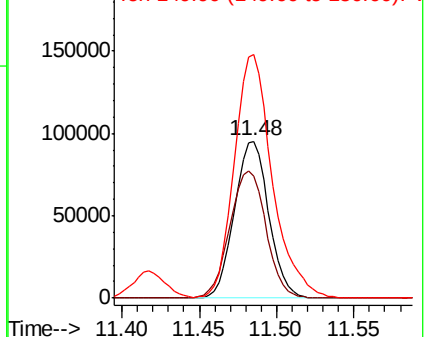
152 100

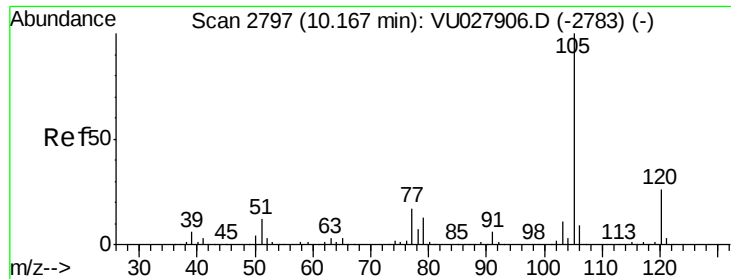
115 85.8 43.0 129.0

150 173.0 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.312 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

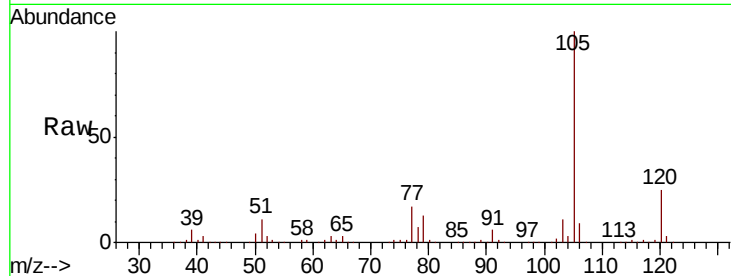
VSTDCCC050EC

Tot Ion:105 Resp: 547639

Ion Ratio Lower Upper

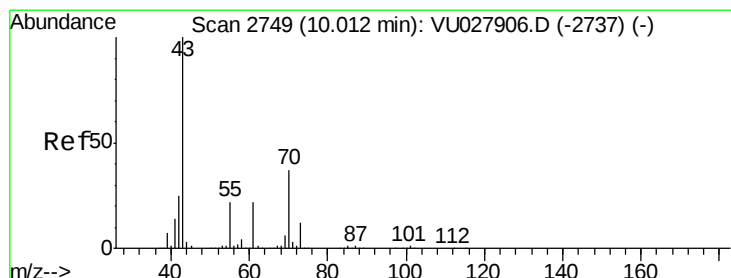
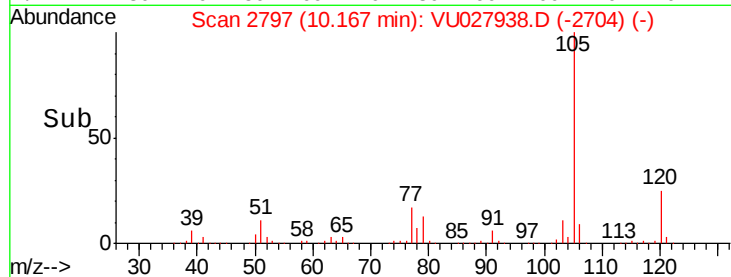
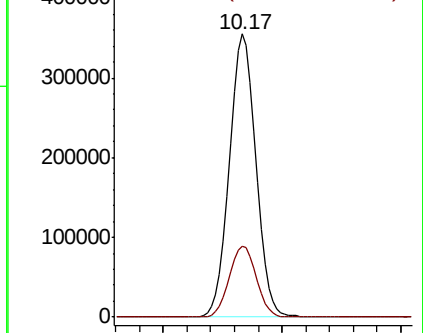
105 100

120 25.7 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.528 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Tgt Ion: 43 Resp: 346337

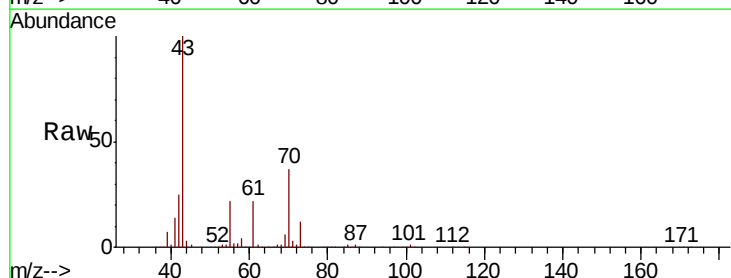
Ion Ratio Lower Upper

43 100

70 36.5 29.2 43.8

55 22.4 17.8 26.6

61 22.5 17.8 26.8

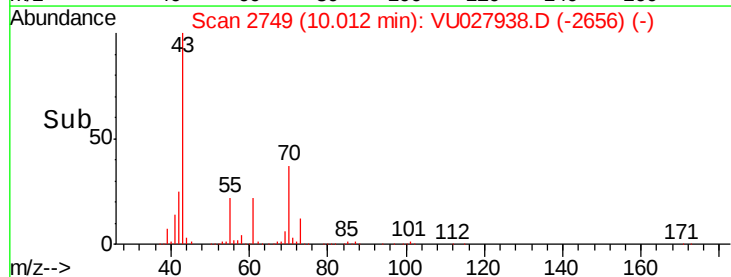
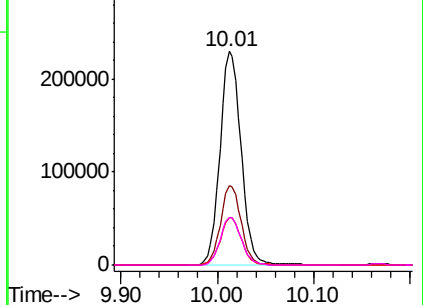


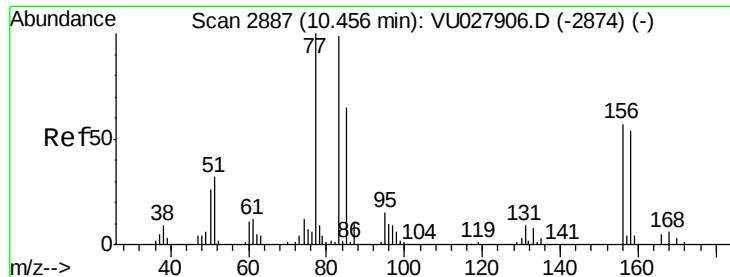
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.462 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

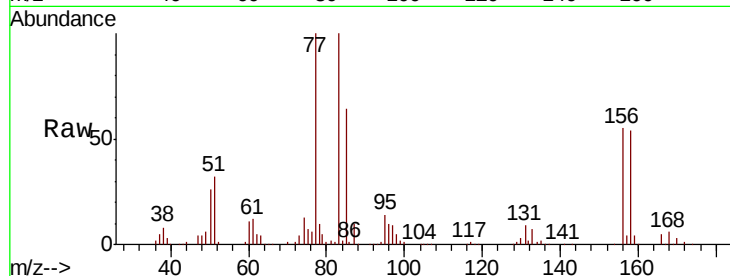
Tot Ion: 83 Resp: 221585

Ion Ratio Lower Upper

83 100

131 8.6 4.3 13.1

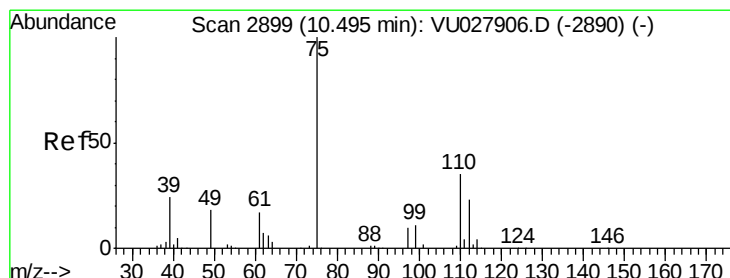
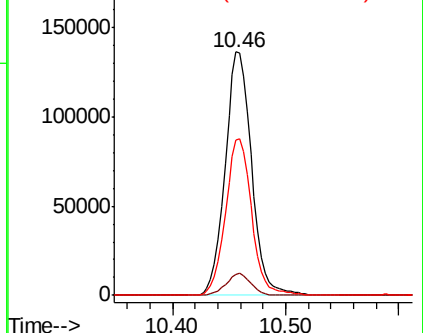
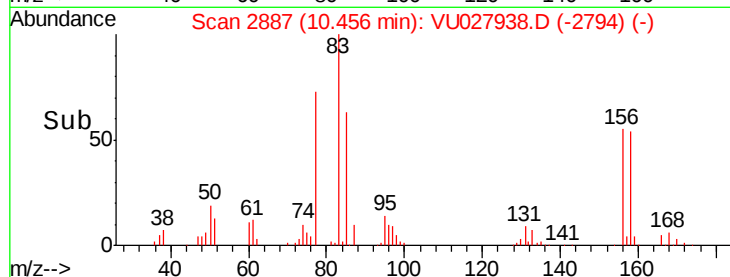
85 63.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027938.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU027938.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU027938.D (-2794) (-)



#76

1,2,3-Trichloropropane

Concen: 65.006 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027938.D

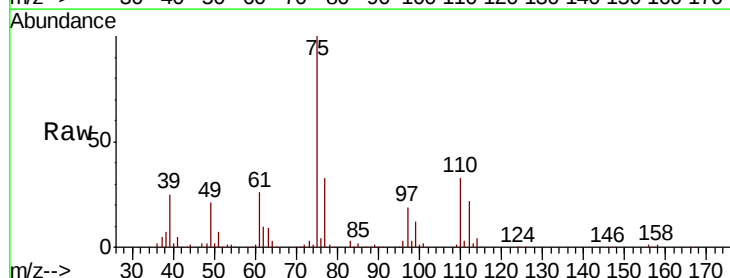
Acq: 02 Nov 2018 19:56

Tgt Ion: 75 Resp: 260177

Ion Ratio Lower Upper

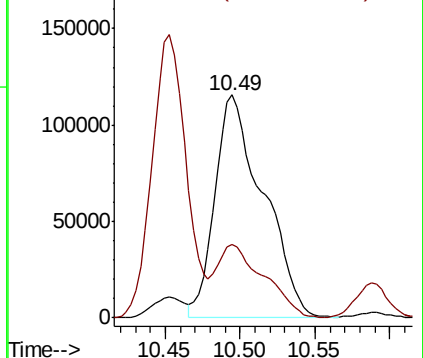
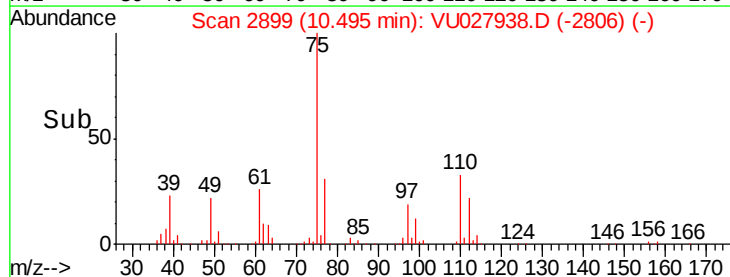
75 100

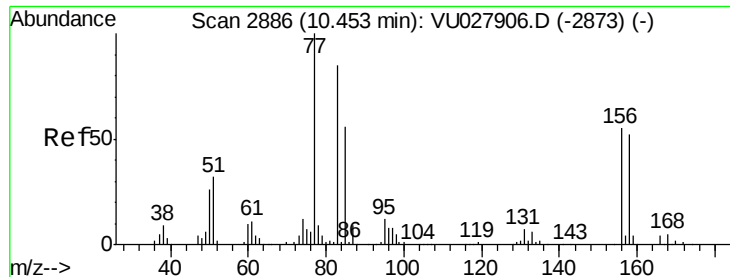
77 32.0 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027938.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027938.D (-2806) (-)





#77

Bromobenzene

Concen: 49.198 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

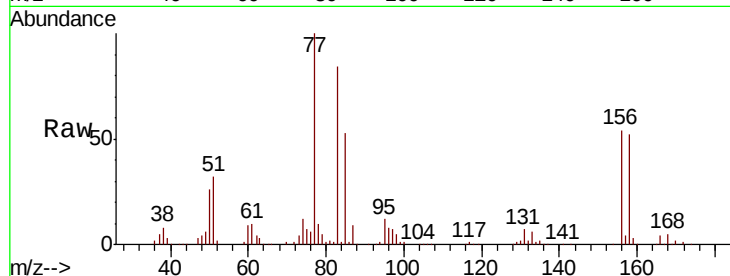
Tot Ion:156 Resp: 127878

Ion Ratio Lower Upper

156 100

77 182.5 91.8 275.6

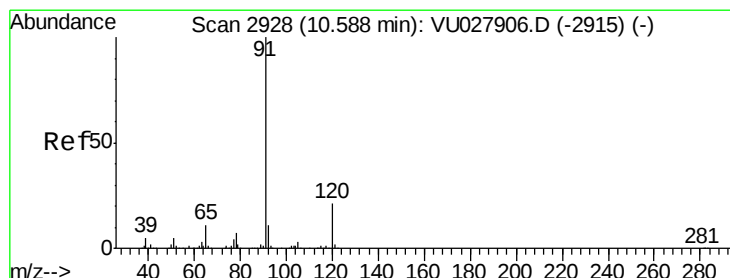
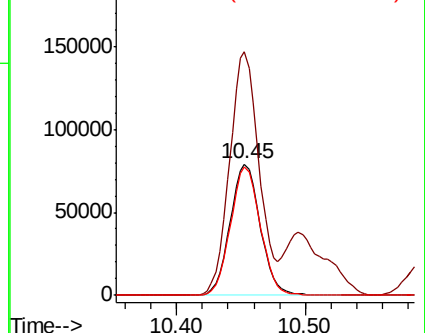
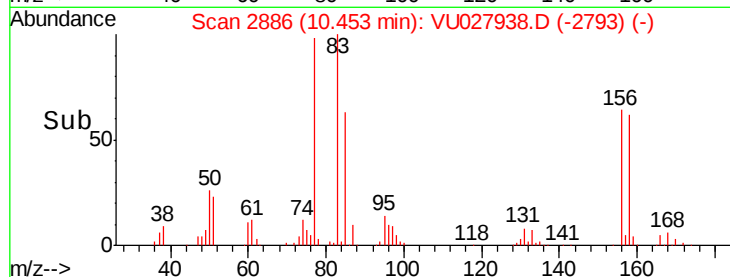
158 97.2 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.189 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027938.D

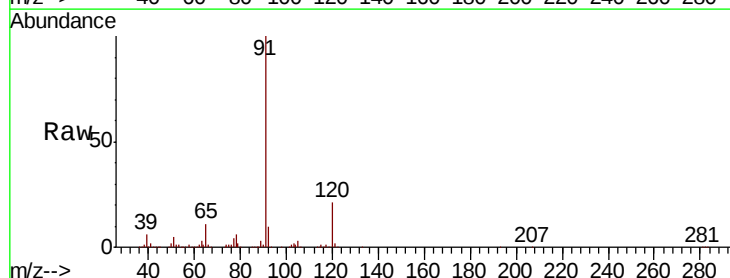
Acq: 02 Nov 2018 19:56

Tgt Ion: 91 Resp: 667420

Ion Ratio Lower Upper

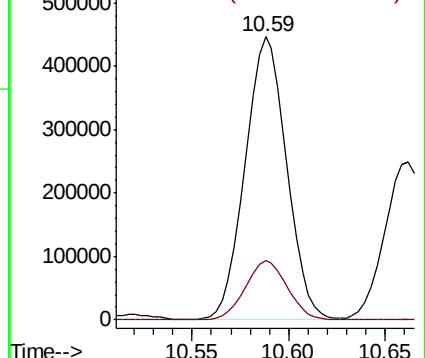
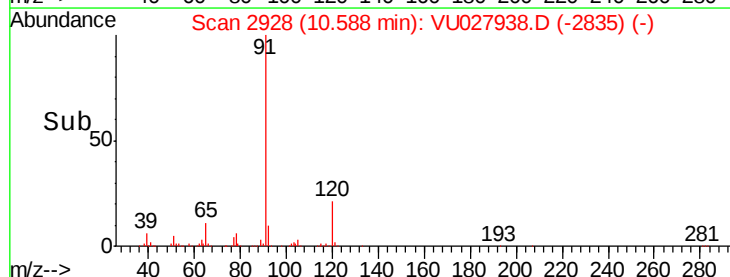
91 100

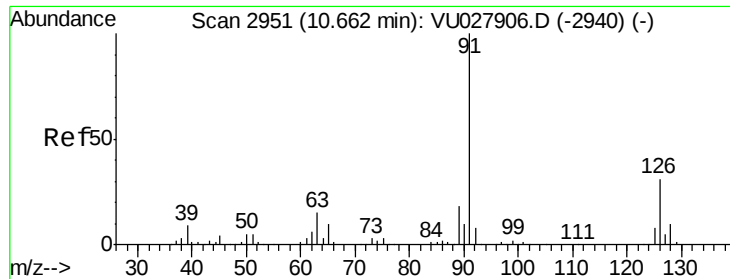
120 21.1 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

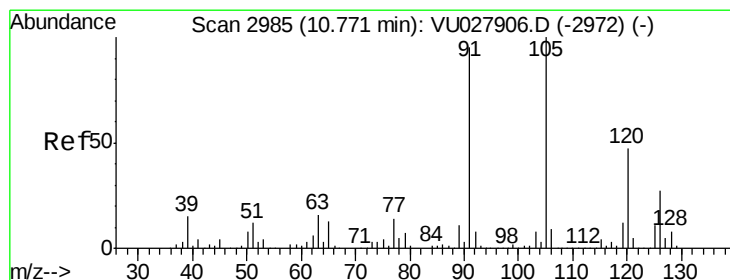
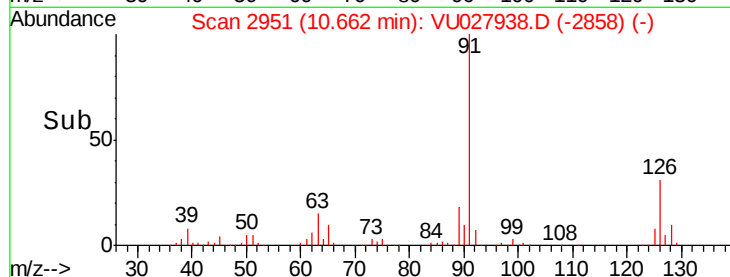
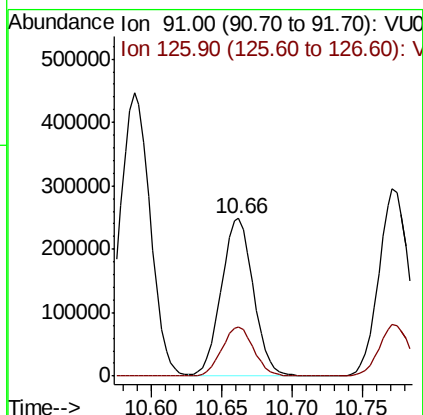
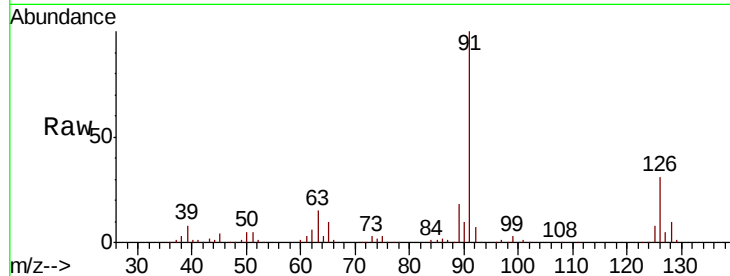




#79
 2-Chlorotoluene
 Concen: 48.626 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

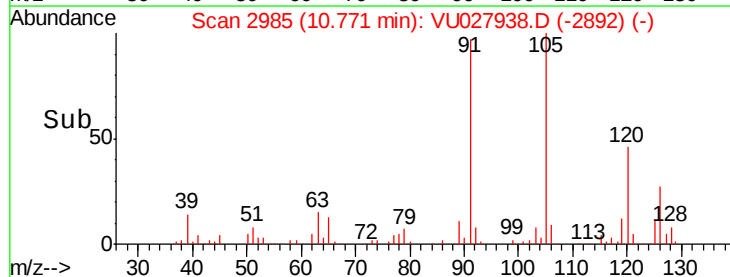
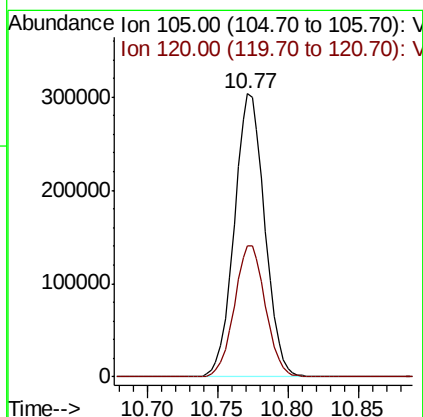
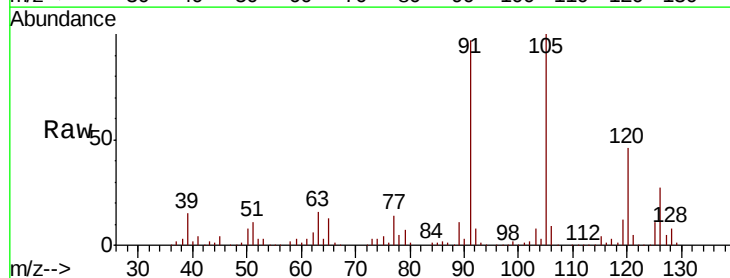
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

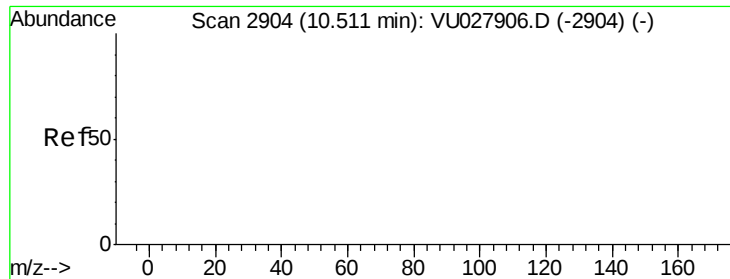
Tot Ion: 91 Resp: 395472
 Ion Ratio Lower Upper
 91 100
 126 31.0 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.837 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion: 105 Resp: 458586
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 161.717 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.02 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

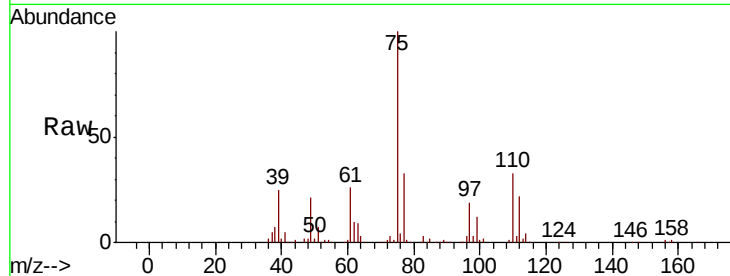
Tot Ion: 75 Resp: 260177

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

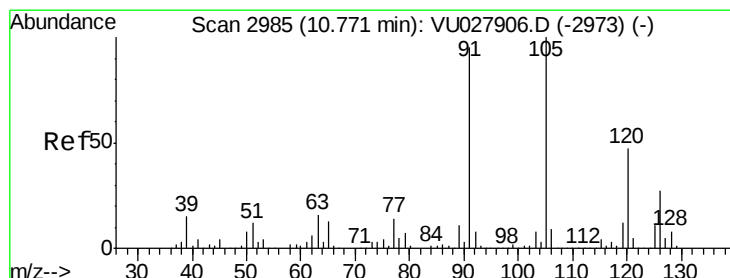
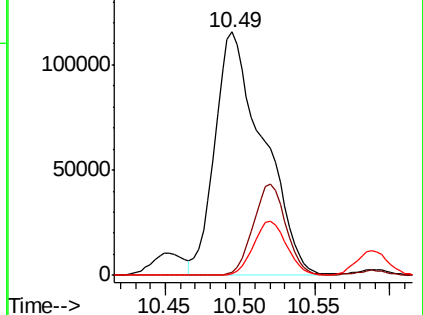
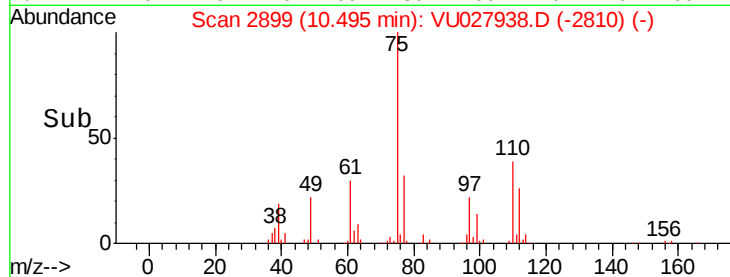
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU027938.D (-2899) (-)

Ion 53.00 (52.70 to 53.70): VU027938.D (-2899) (-)

Ion 88.90 (88.60 to 89.60): VU027938.D (-2899) (-)



#82

4-Chlorotoluene

Concen: 48.611 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027938.D

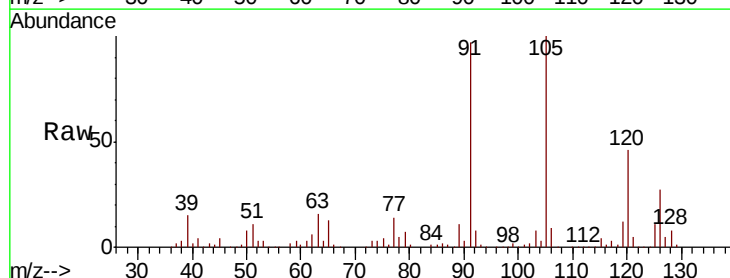
Acq: 02 Nov 2018 19:56

Tgt Ion: 91 Resp: 448834

Ion Ratio Lower Upper

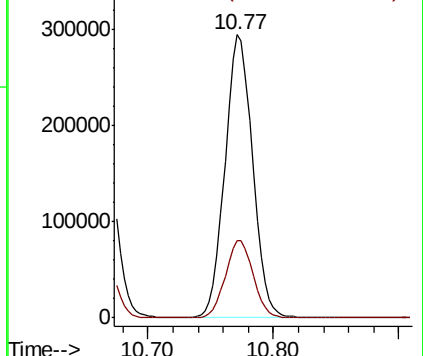
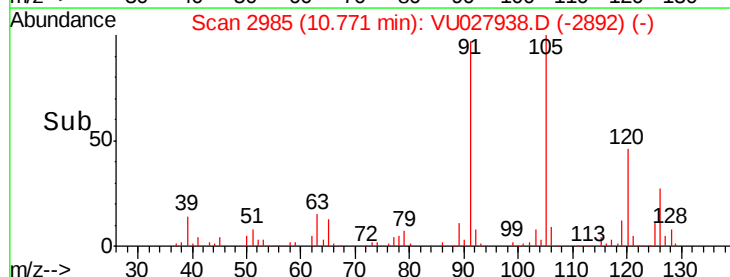
91 100

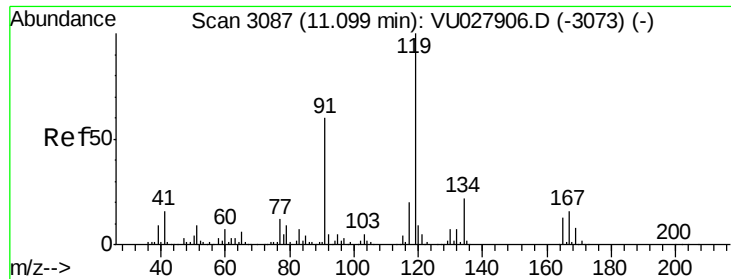
126 27.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VU027938.D (-2985) (-)

Ion 125.90 (125.60 to 126.60): VU027938.D (-2985) (-)

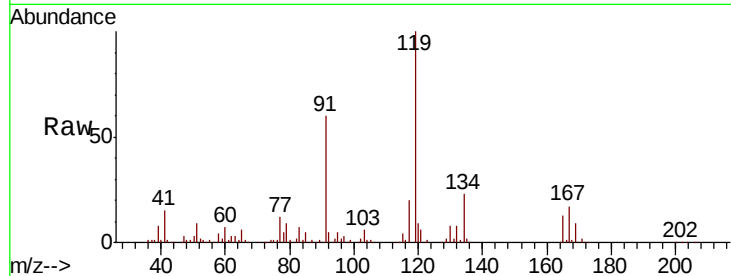




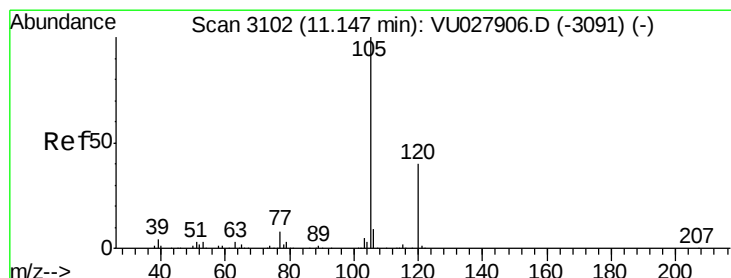
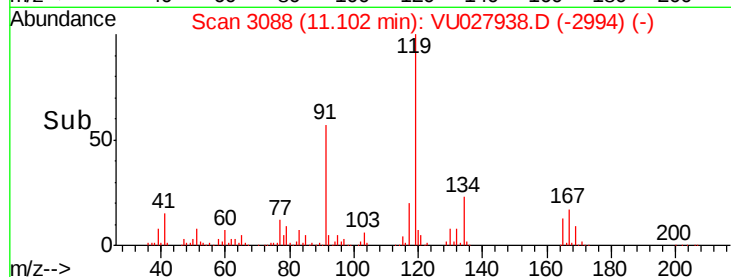
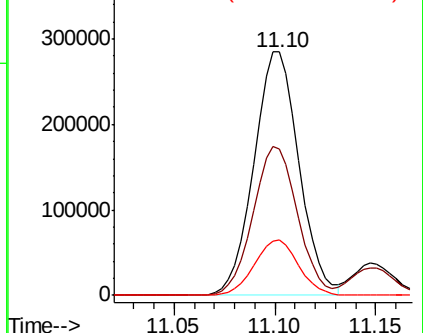
#83
tert-Butylbenzene
Concen: 47.386 ug/l
RT: 11.10 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 444836
Ion Ratio Lower Upper
119 100
91 60.4 29.8 89.3
134 22.3 11.1 33.1

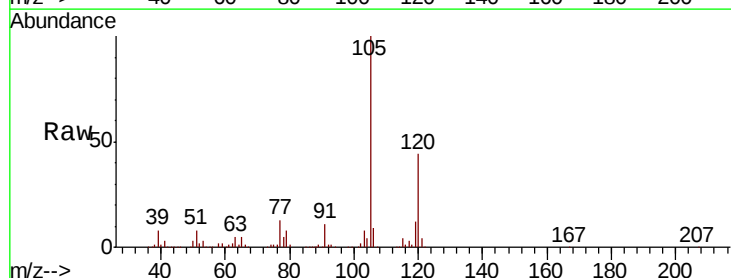


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VU0
Ion 134.00 (133.70 to 134.70): V

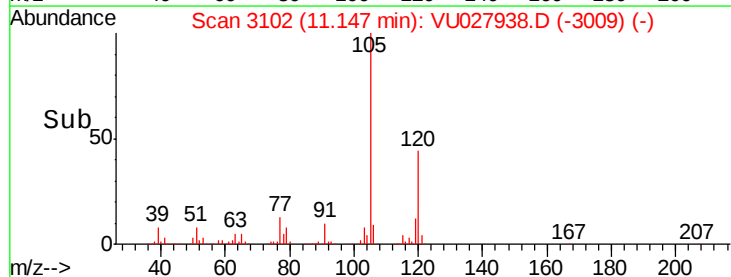
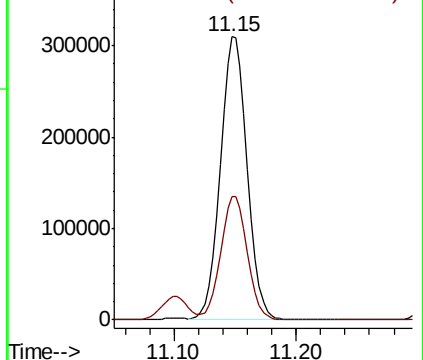


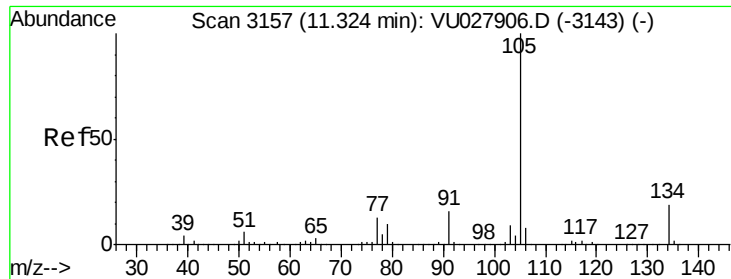
#84
1,2,4-Trimethylbenzene
Concen: 50.311 ug/l
RT: 11.15 min Scan# 3102
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:105 Resp: 475717
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

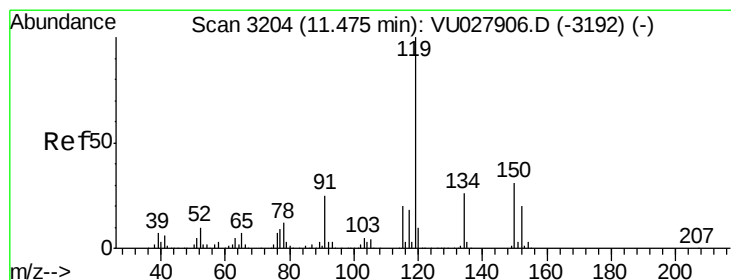
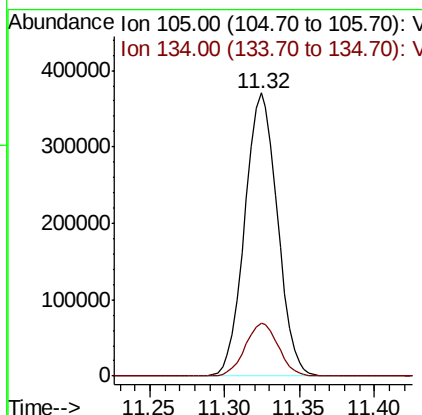
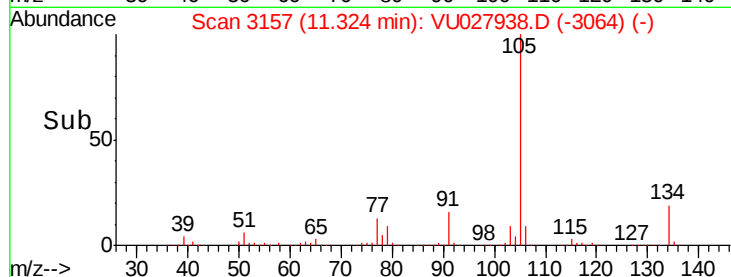
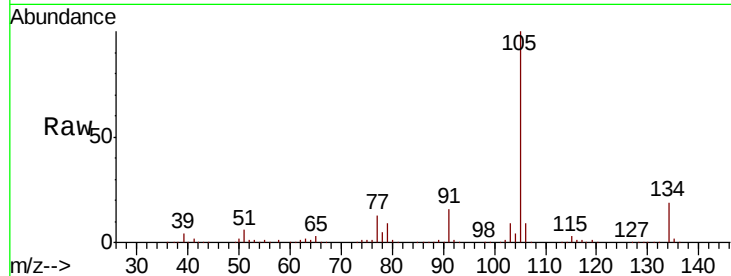




#85
 sec-Butylbenzene
 Concen: 49.259 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

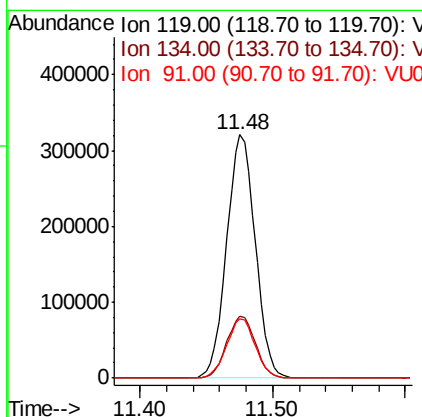
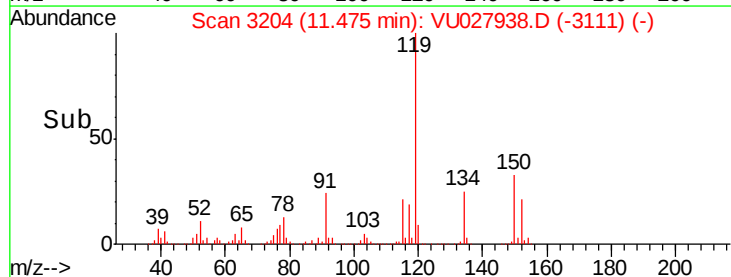
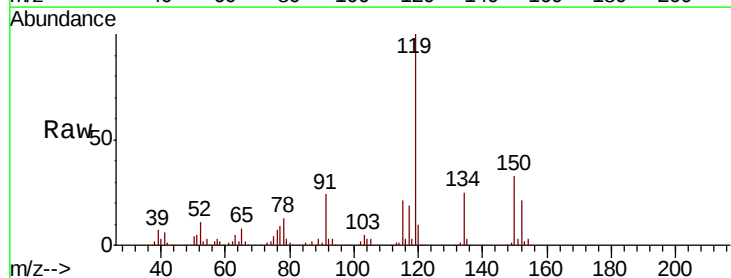
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

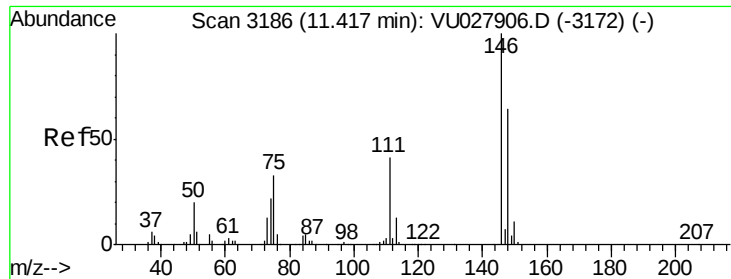
Tot Ion:105 Resp: 562369
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 50.284 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion:119 Resp: 479912
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.435 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

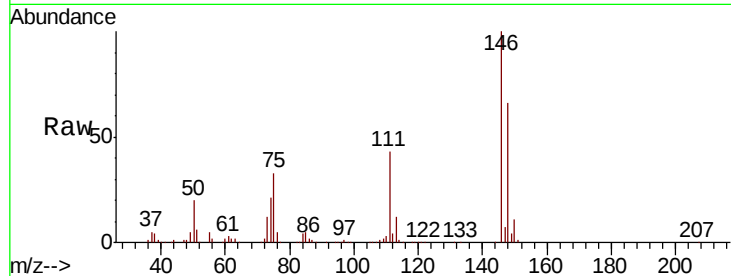
Tot Ion:146 Resp: 232558

Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

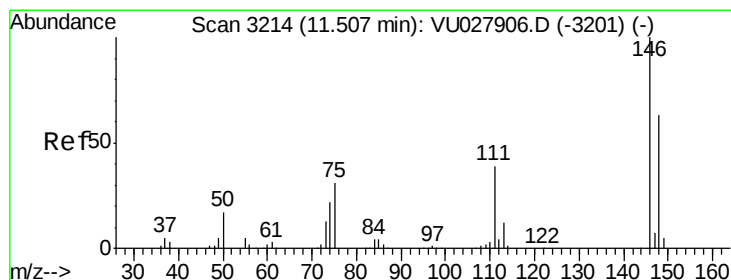
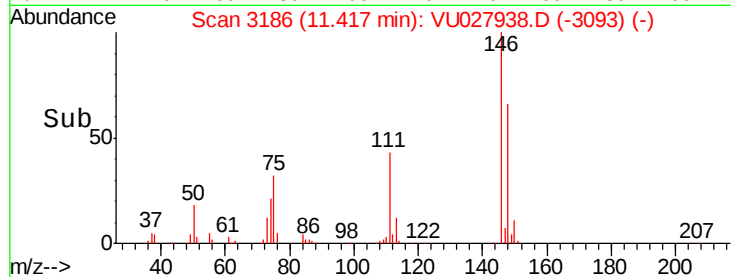
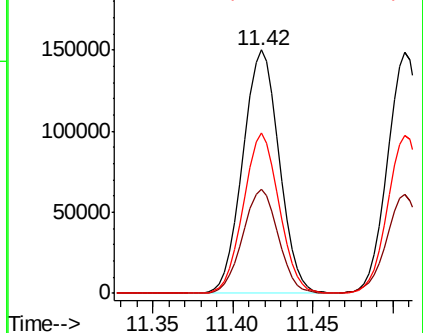
148 64.6 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.342 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027938.D

Acq: 02 Nov 2018 19:56

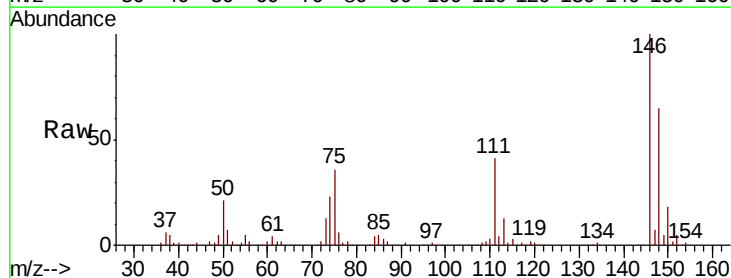
Tgt Ion:146 Resp: 232988

Ion Ratio Lower Upper

146 100

111 40.9 20.3 60.9

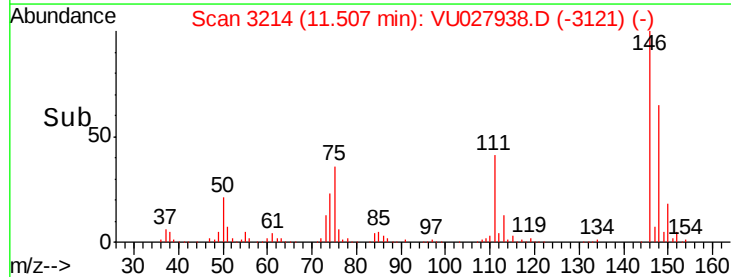
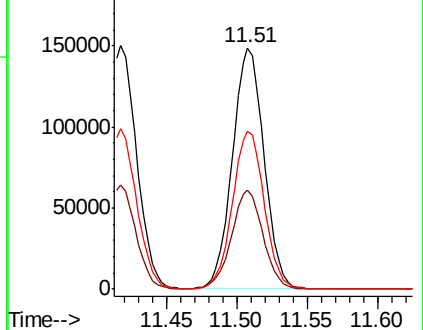
148 66.0 32.0 96.2

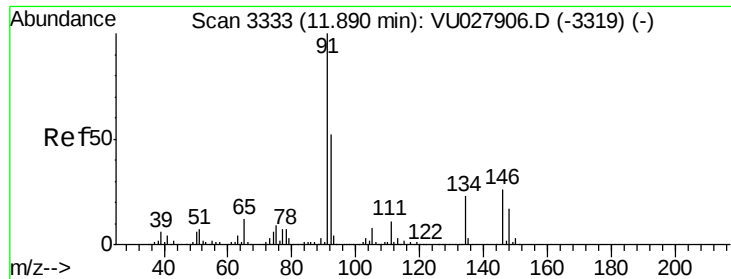


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

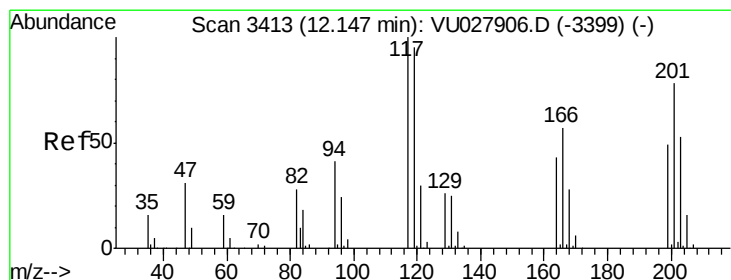
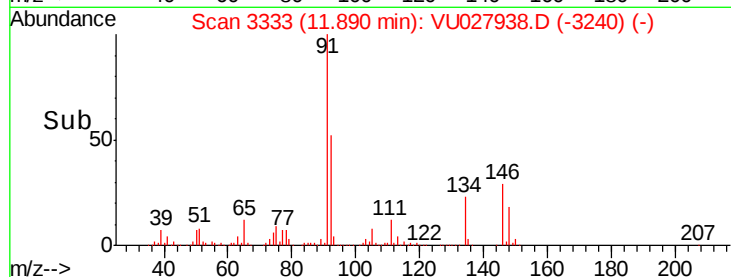
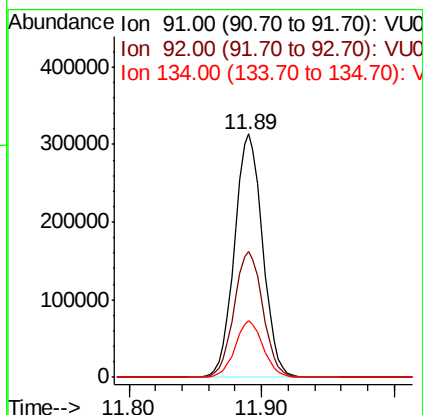
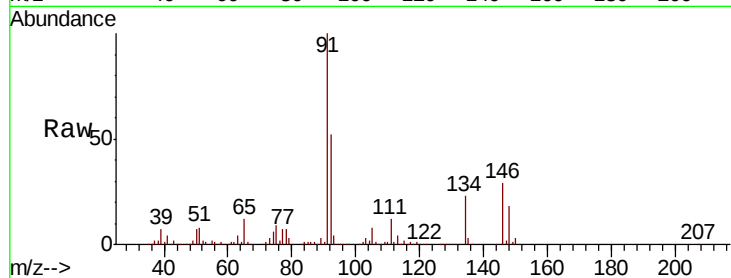




#89
n-Butylbenzene
Concen: 50.803 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

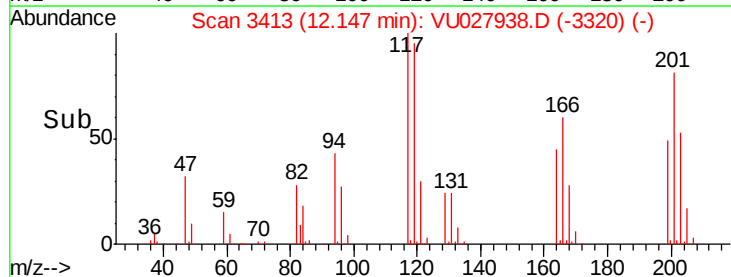
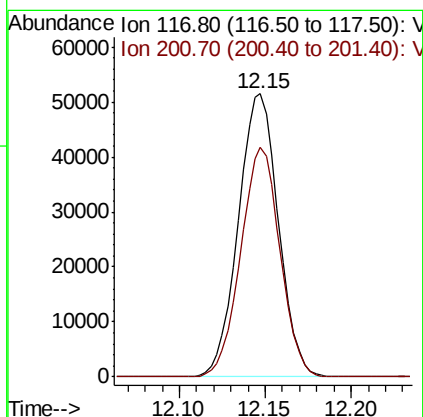
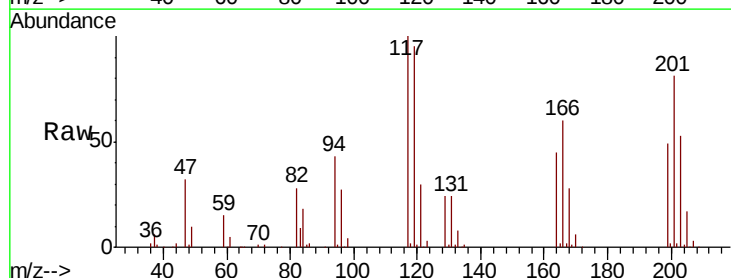
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

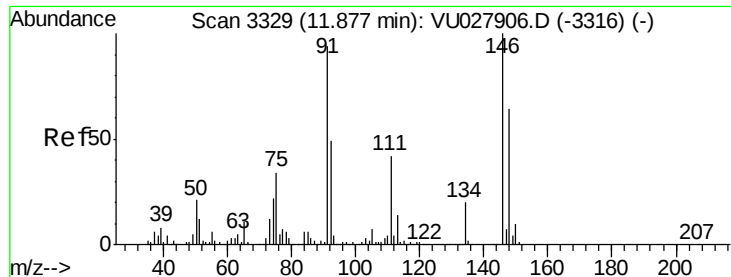
Tot Ion: 91 Resp: 460801
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.5
134 23.1 11.5 34.5



#90
Hexachloroethane
Concen: 49.002 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 117 Resp: 83264
Ion Ratio Lower Upper
117 100
201 79.4 38.5 115.5

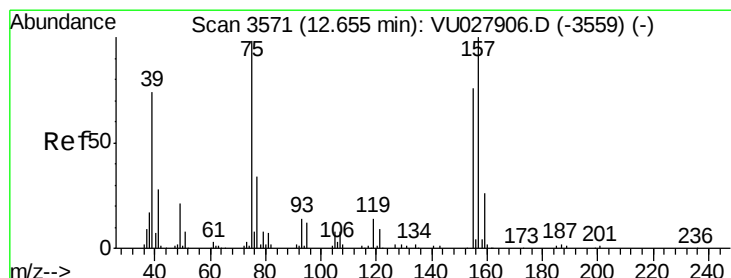
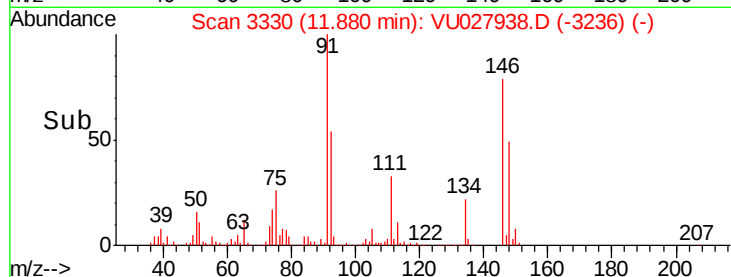
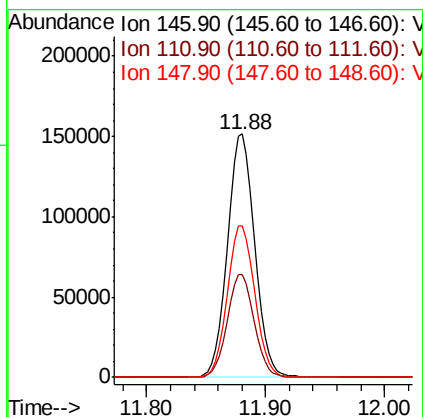
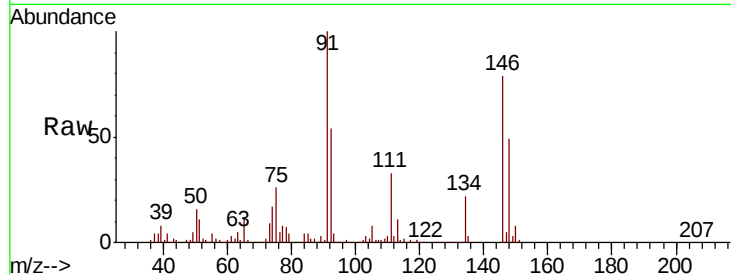




#91
1,2-Dichlorobenzene
Concen: 49.805 ug/l
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

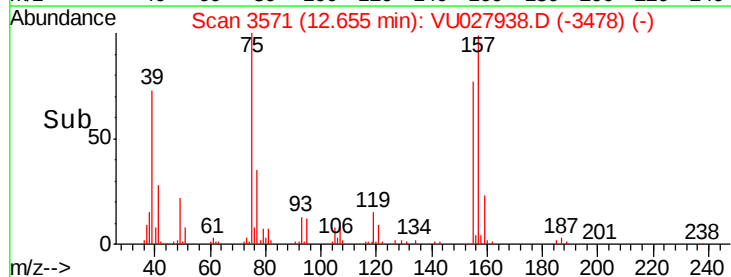
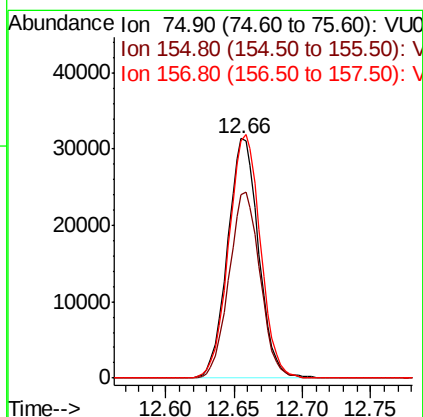
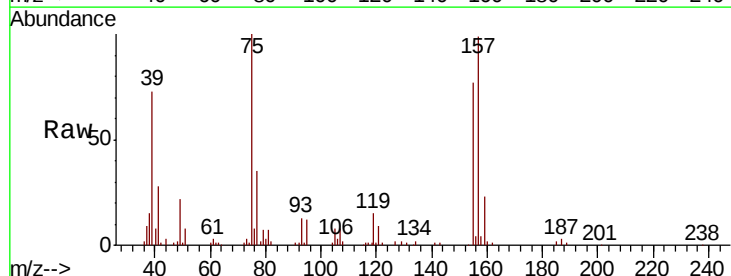
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

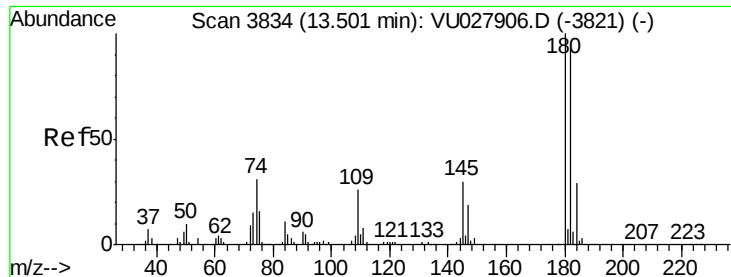
Tot Ion:146 Resp: 240489
Ion Ratio Lower Upper
146 100
111 41.7 21.3 64.0
148 62.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.561 ug/l
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion: 75 Resp: 49677
Ion Ratio Lower Upper
75 100
155 77.4 39.8 119.3
157 103.3 50.6 151.9

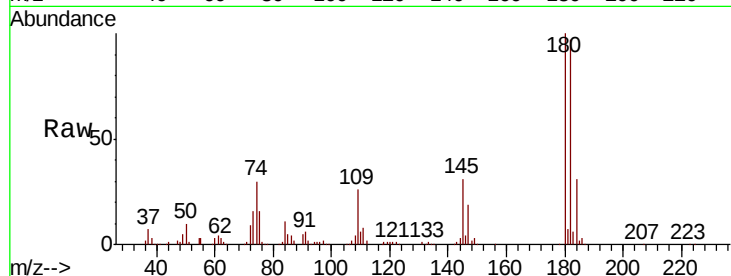




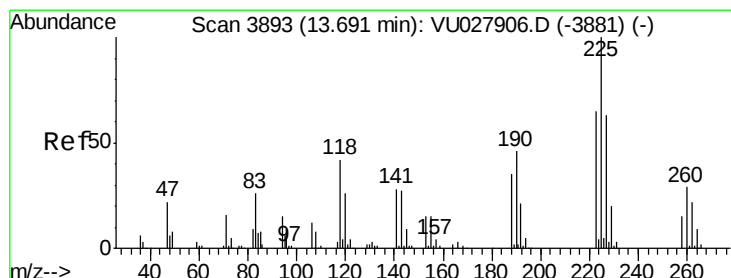
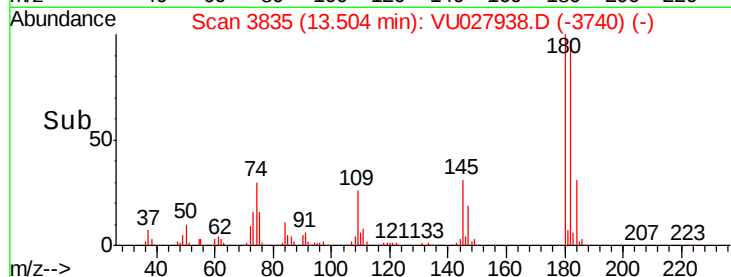
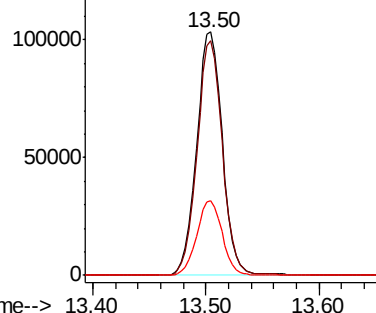
#93
 1,2,4-Trichlorobenzene
 Concen: 48.171 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 163038
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.4 145.2
 145 30.6 14.9 44.5

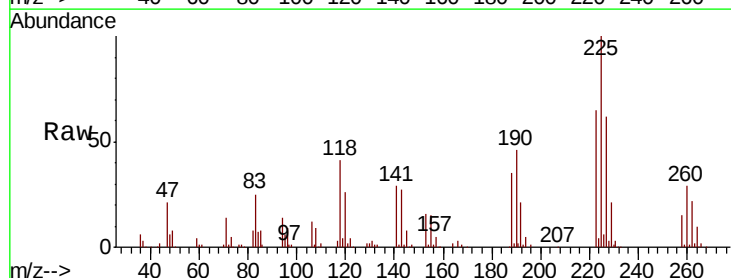


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

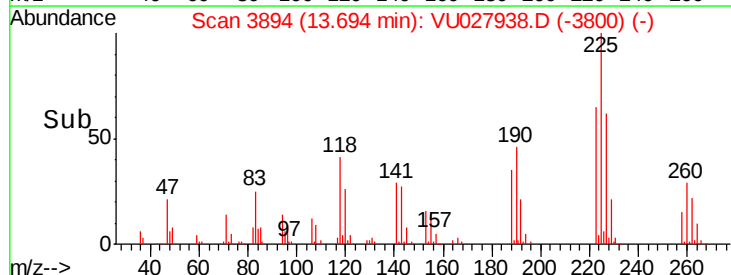
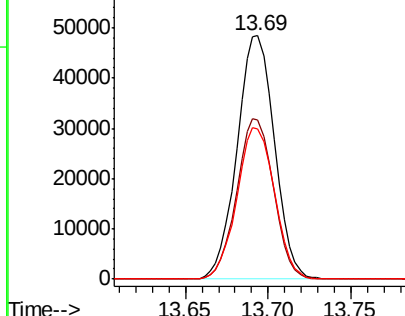


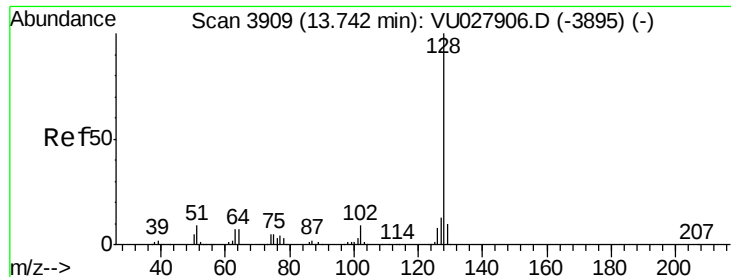
#94
 Hexachlorobutadiene
 Concen: 49.657 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027938.D
 Acq: 02 Nov 2018 19:56

Tgt Ion:225 Resp: 76204
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.2 96.6
 227 62.4 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

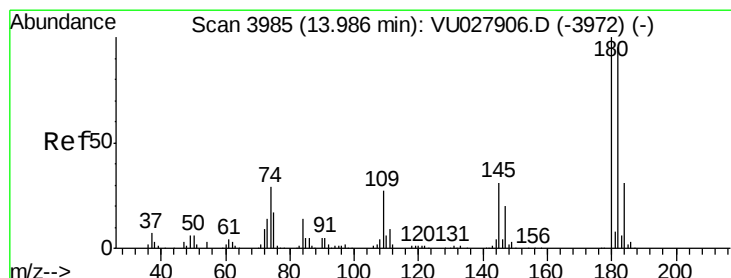
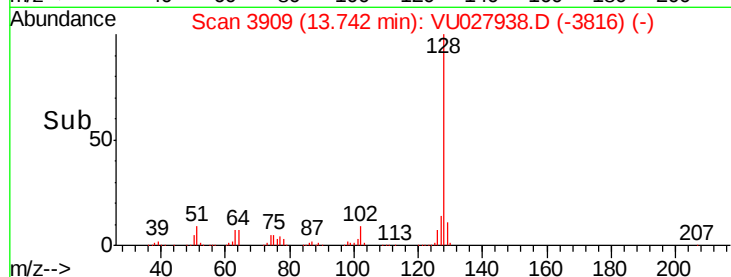
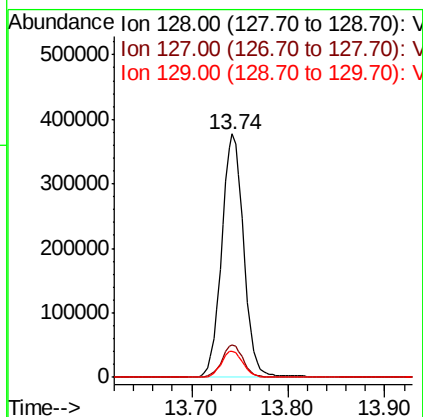
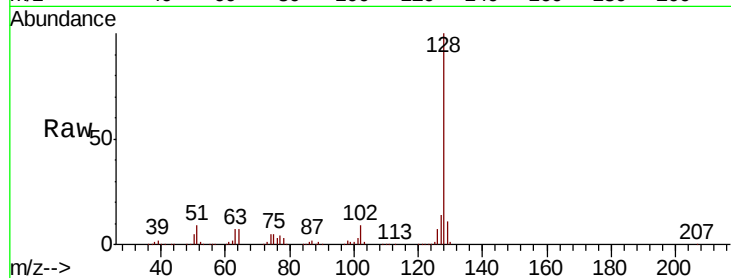




#95
Naphthalene
Concen: 49.586 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 595168
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 52.156 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027938.D
Acq: 02 Nov 2018 19:56

Tgt Ion:180 Resp: 168991
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 31.6 16.0 47.9

