

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110518\
 Data File : VU027968.D
 Acq On : 05 Nov 2018 19:24
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 03:27:03 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	207928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	361212	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	337969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	170611	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	143009	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	4.88	113	108463	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	7.57	98	417149	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	10.31	95	158483	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	108425	41.038	ug/l	98
3) Chloromethane	1.33	50	146995	46.002	ug/l	100
4) Vinyl Chloride	1.40	62	152190	47.988	ug/l	99
5) Bromomethane	1.61	94	69047	52.362	ug/l	99
6) Chloroethane	1.69	64	85884	46.992	ug/l	98
7) Trichlorofluoromethane	1.88	101	172451	47.057	ug/l	95
8) Diethyl Ether	2.11	74	77695	49.513	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.29	101	107801	49.517	ug/l	98
10) Methyl Iodide	2.41	142	97293	48.869	ug/l	97
11) Tert butyl alcohol	2.83	59	196638	240.274	ug/l	100
12) 1,1-Dichloroethene	2.28	96	102825	47.185	ug/l	96
13) Acrolein	2.20	56	85005	283.278	ug/l	97
14) Allyl chloride	2.59	41	237041	44.506	ug/l	99
15) Acrylonitrile	2.94	53	488662	243.079	ug/l	99
16) Acetone	2.32	43	422968	220.525	ug/l	98
17) Carbon Disulfide	2.48	76	304315	42.723	ug/l	100
18) Methyl Acetate	2.62	43	248466	47.092	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	429312	48.852	ug/l	99
20) Methylene Chloride	2.70	84	132569	47.339	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	114987	45.722	ug/l	95
22) Diisopropyl ether	3.58	45	526703	47.900	ug/l	99
23) Vinyl Acetate	3.53	43	2293121	242.656	ug/l	100
24) 1,1-Dichloroethane	3.45	63	256194	46.776	ug/l	99
25) 2-Butanone	4.26	43	728868	238.866	ug/l	98
26) 2,2-Dichloropropane	4.23	77	187730	45.674	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	141344	50.119	ug/l	97
28) Bromochloromethane	4.55	49	119907	46.699	ug/l	99
29) Tetrahydrofuran	4.64	42	464688	228.066	ug/l	97
30) Chloroform	4.67	83	236093	47.013	ug/l	97
31) Cyclohexane	5.00	56	244517	45.336	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	192589	48.177	ug/l	98
36) 1,1-Dichloropropene	5.14	75	178488	47.180	ug/l	100
37) Ethyl Acetate	4.38	43	268918	48.514	ug/l	99
38) Carbon Tetrachloride	5.13	117	153064	45.655	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	207894	45.562	ug/l	97
40) Benzene	5.39	78	554642	47.953	ug/l	100
41) Methacrylonitrile	4.54	41	147945	50.012	ug/l	98
42) 1,2-Dichloroethane	5.40	62	190811	46.411	ug/l	99
43) Isopropyl Acetate	5.55	43	417271	48.049	ug/l	99
44) Trichloroethene	6.19	130	120618	48.514	ug/l	97
45) 1,2-Dichloropropane	6.43	63	160393	48.084	ug/l	95
46) Dibromomethane	6.56	93	94969	49.531	ug/l	97
47) Bromodichloromethane	6.76	83	181551	49.134	ug/l	98
48) Methyl methacrylate	6.62	41	210066	49.361	ug/l	99
49) 1,4-Dioxane	6.61	88	71892	1035.429	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1400907	241.548	ug/l	99
52) Toluene	7.64	92	330174	48.556	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	213161	46.598	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	228349	50.131	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	136824	49.458	ug/l	97
56) Ethyl methacrylate	8.02	69	248010	50.836	ug/l	99
57) 1,3-Dichloropropane	8.24	76	246397	48.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	652418	249.694	ug/l	99
59) 2-Hexanone	8.36	43	1095133	244.140	ug/l	99
60) Dibromochloromethane	8.48	129	132702	50.691	ug/l	97
61) 1,2-Dibromoethane	8.59	107	146140	49.715	ug/l	99
64) Tetrachloroethene	8.23	164	99940	45.604	ug/l	97
65) Chlorobenzene	9.12	112	350553	49.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	120337	49.340	ug/l	99
67) Ethyl Benzene	9.25	91	654426	49.792	ug/l	100
68) m/p-Xylenes	9.38	106	477035	100.031	ug/l	100
69) o-Xylene	9.78	106	235198	48.842	ug/l	99
70) Styrene	9.79	104	390797	50.790	ug/l	99
71) Bromoform	9.96	173	101568	49.691	ug/l #	99
73) Isopropylbenzene	10.17	105	623303	47.159	ug/l	100
74) N-amyl acetate	10.01	43	395511	49.488	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	251590	47.191	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	293127	62.812	ug/l	82
77) Bromobenzene	10.45	156	148696	49.063	ug/l	98
78) n-propylbenzene	10.59	91	766794	48.468	ug/l	100
79) 2-Chlorotoluene	10.66	91	446306	47.064	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	521708	47.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	293127	156.268	ug/l #	100
82) 4-Chlorotoluene	10.77	91	511684	47.529	ug/l	99
83) tert-Butylbenzene	11.10	119	502112	45.873	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	536740	48.684	ug/l	100
85) sec-Butylbenzene	11.32	105	623655	46.850	ug/l	99
86) p-Isopropyltoluene	11.48	119	538006	48.346	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	275211	49.158	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	280175	48.825	ug/l	99
89) n-Butylbenzene	11.89	91	534745	50.562	ug/l	99
90) Hexachloroethane	12.14	117	90754	45.806	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	275974	49.018	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	54517	48.529	ug/l	98

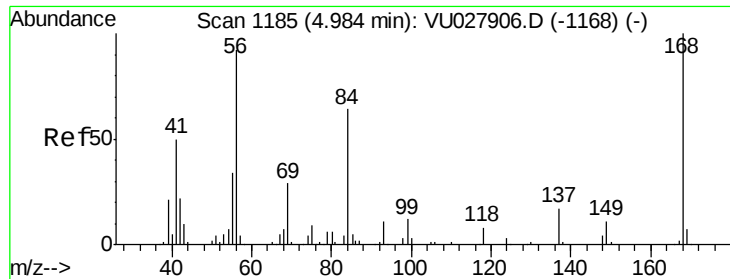
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	194175	49.189	ug/l	99
94) Hexachlorobutadiene	13.69	225	80643	45.068	ug/l	99
95) Naphthalene	13.74	128	697868	49.866	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	197622	52.310	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: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

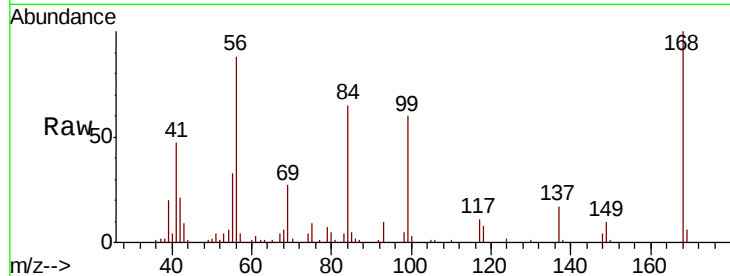
VSTDCCC050EC

Tot Ion:168 Resp: 207928

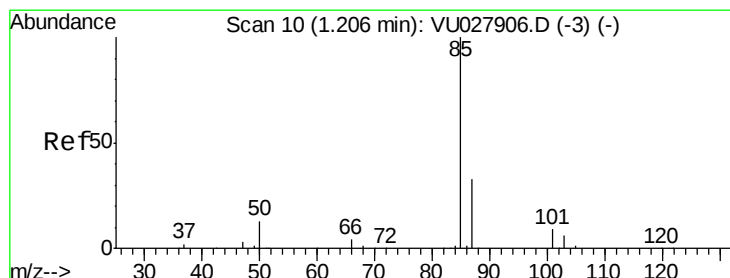
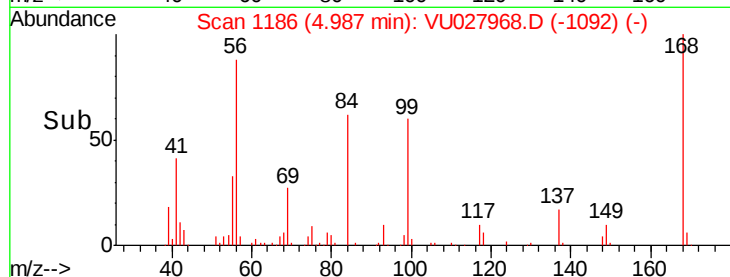
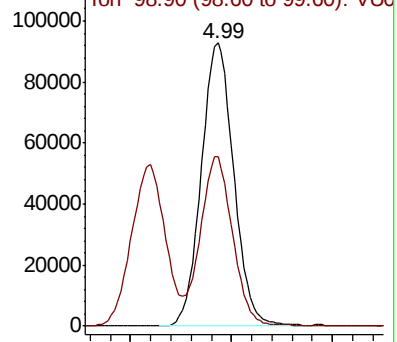
Ion Ratio Lower Upper

168 100

99 59.4 47.9 71.9



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



#2

Dichlorodifluoromethane

Concen: 41.038 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027968.D

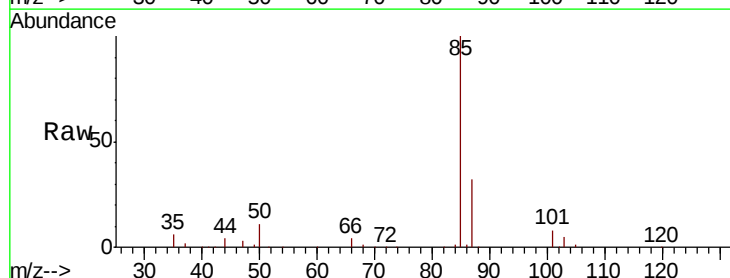
Acq: 05 Nov 2018 19:24

Tgt Ion: 85 Resp: 108425

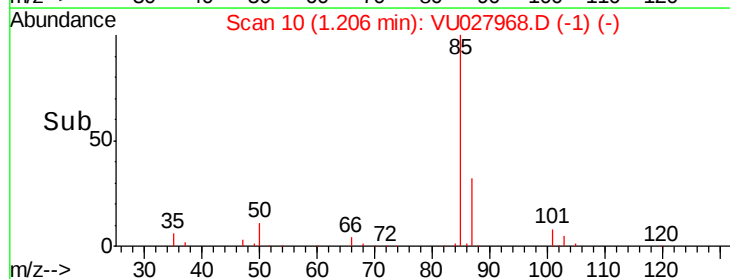
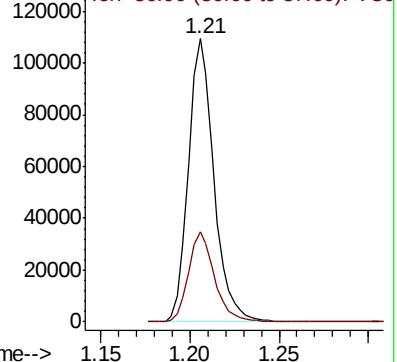
Ion Ratio Lower Upper

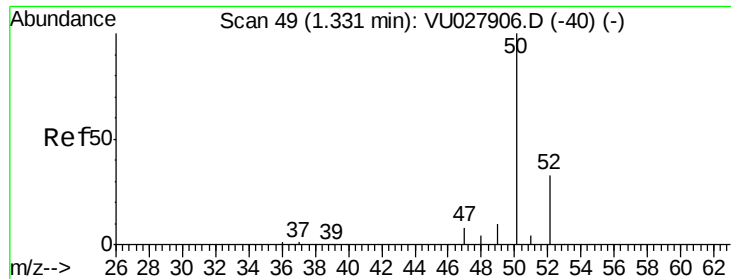
85 100

87 31.7 16.5 49.5



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

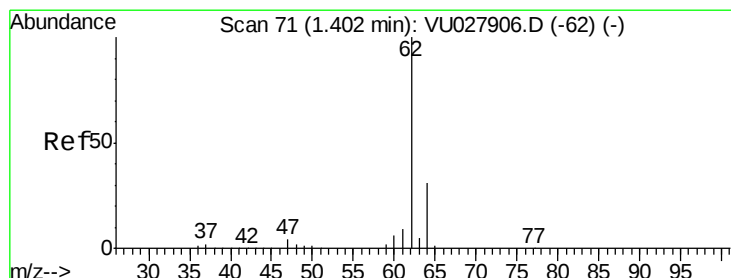
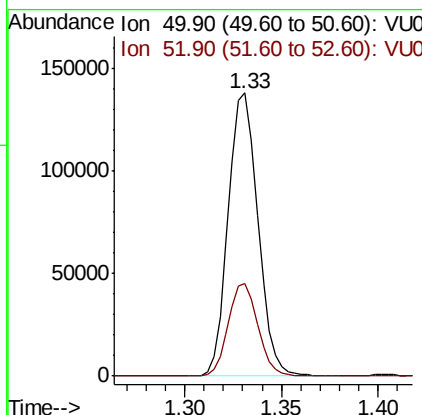
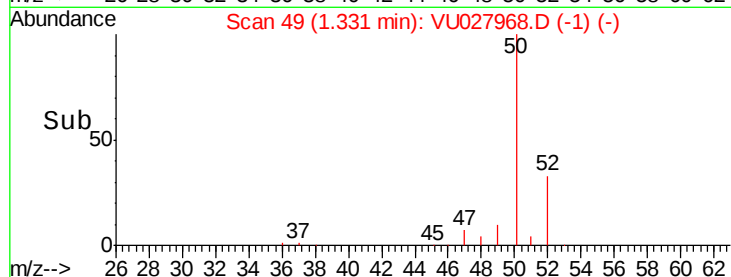
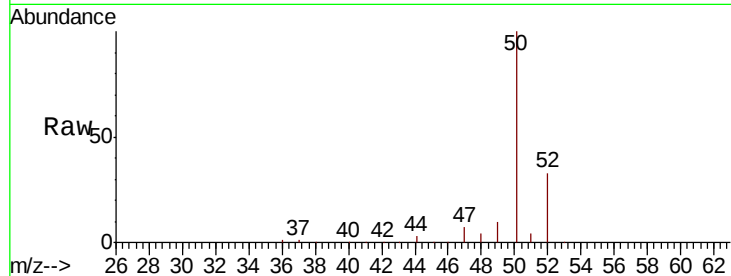




#3
 Chloromethane
 Concen: 46.002 ug/l
 RT: 1.33 min Scan# 49
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

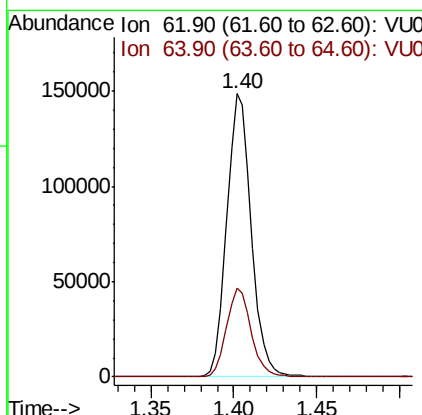
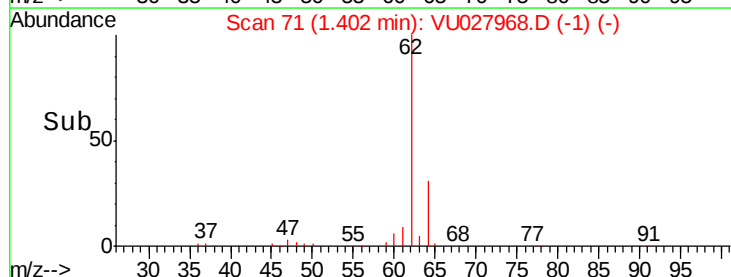
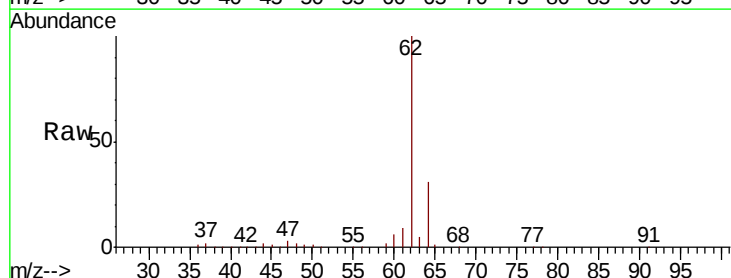
Instrument :
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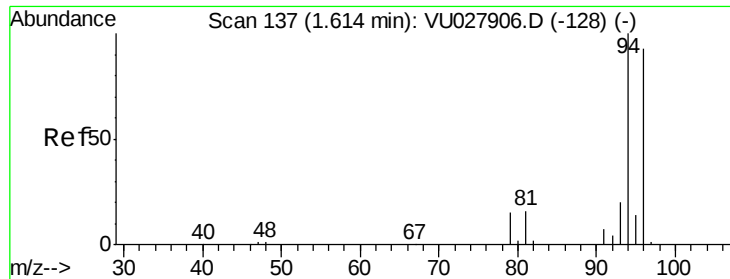
Tot Ion: 50 Resp: 146995
 Ion Ratio Lower Upper
 50 100
 52 32.8 26.2 39.4



#4
 Vinyl Chloride
 Concen: 47.988 ug/l
 RT: 1.40 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 62 Resp: 152190
 Ion Ratio Lower Upper
 62 100
 64 31.2 25.2 37.8

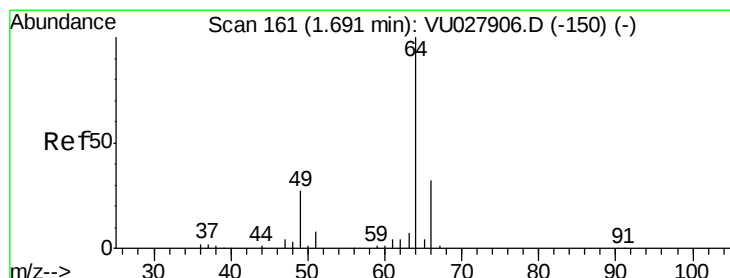
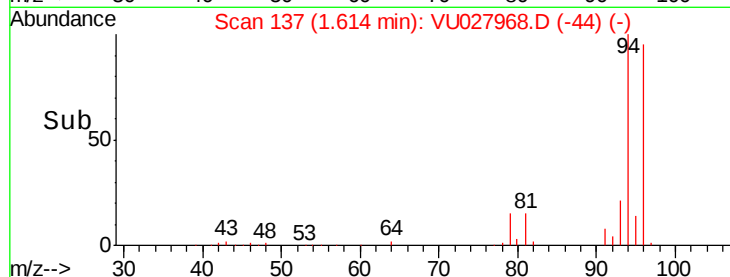
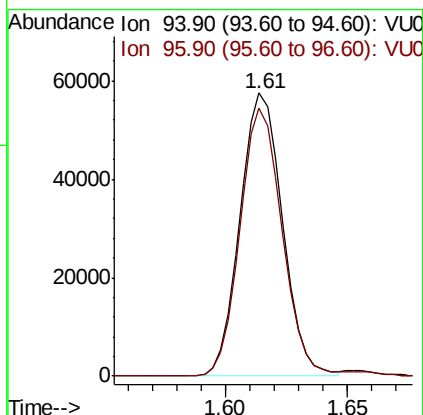
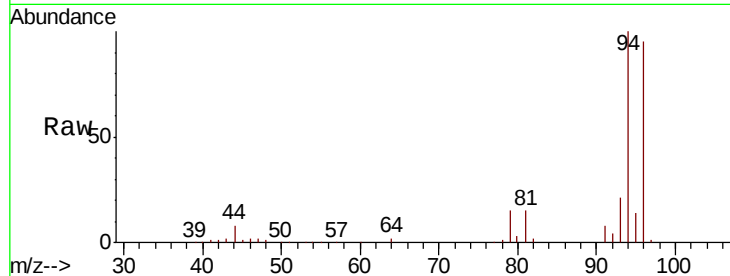




#5
Bromomethane
Concen: 52.362 ug/l
RT: 1.61 min Scan# 137
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

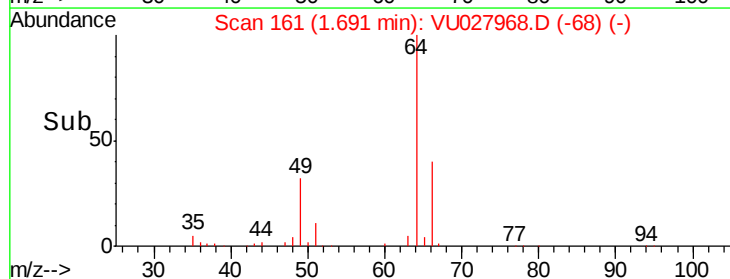
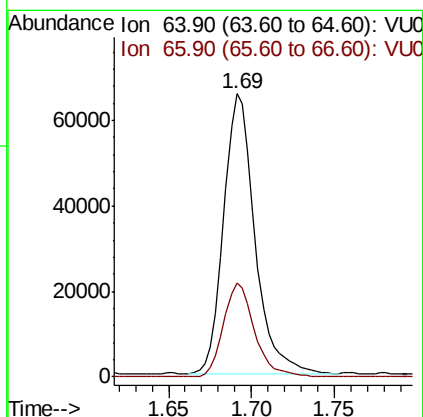
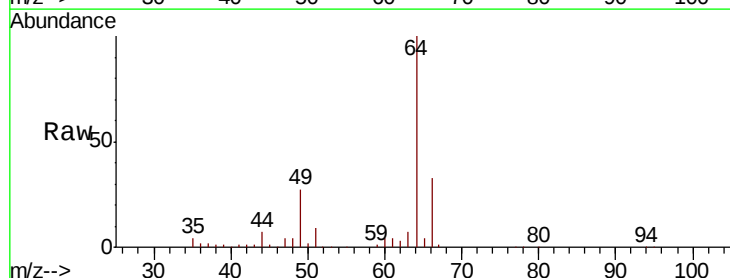
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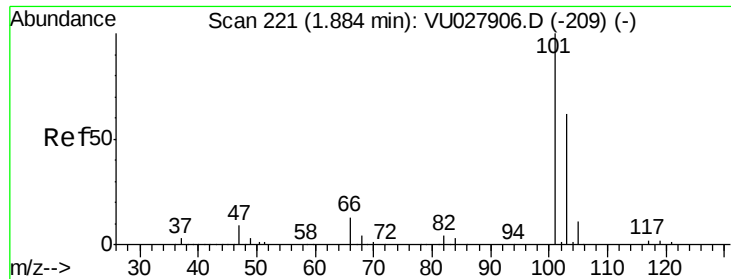
Tot Ion: 94 Resp: 69047
Ion Ratio Lower Upper
94 100
96 94.8 74.8 112.2



#6
Chloroethane
Concen: 46.992 ug/l
RT: 1.69 min Scan# 161
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 64 Resp: 85884
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9



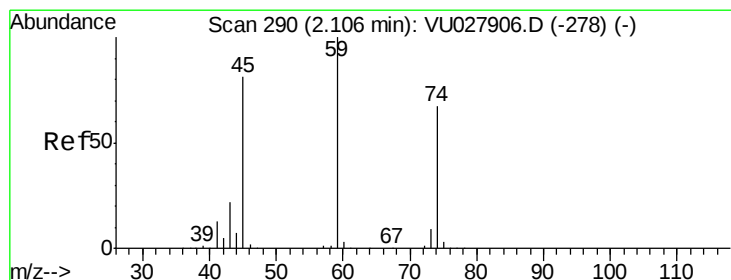
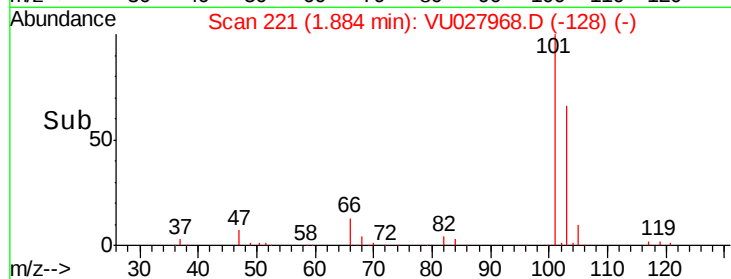
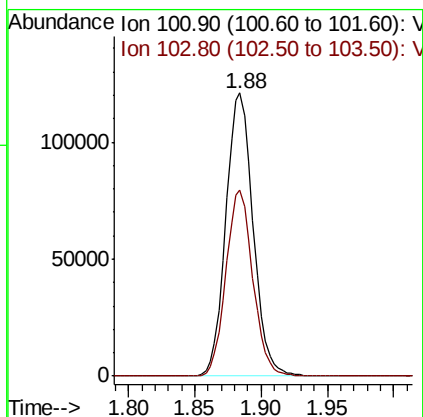
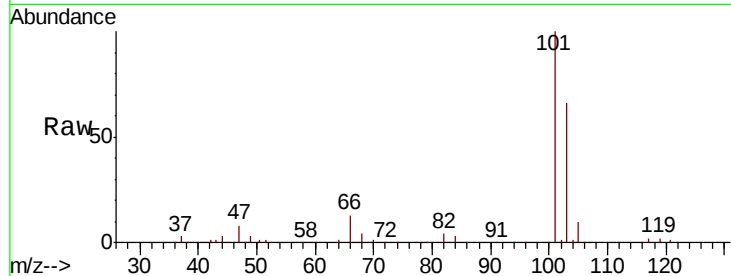


#7

Trichlorofluoromethane
 Concen: 47.057 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
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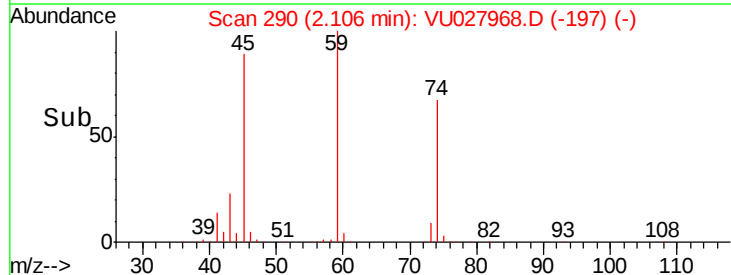
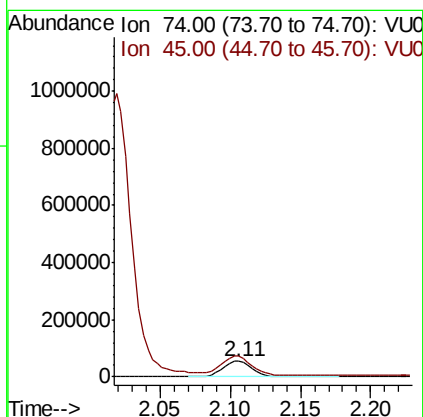
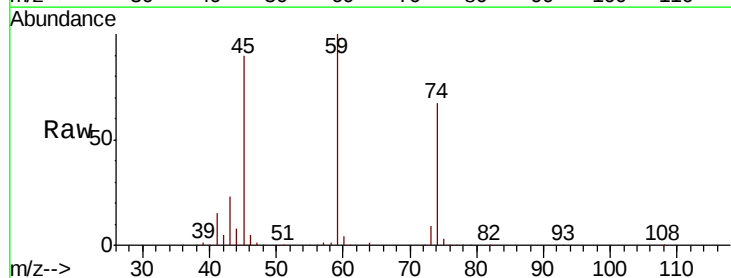
Tot Ion:101 Resp: 172451
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.4 74.2

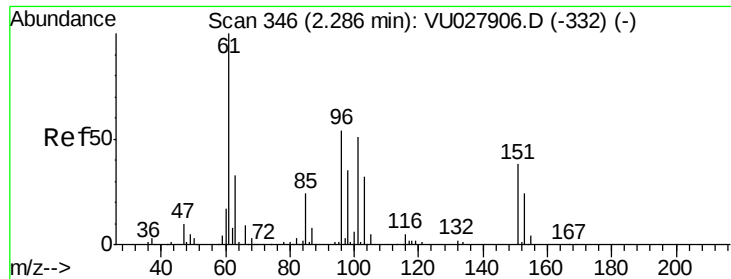


#8

Diethyl Ether
 Concen: 49.513 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 74 Resp: 77695
 Ion Ratio Lower Upper
 74 100
 45 140.5 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.517 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

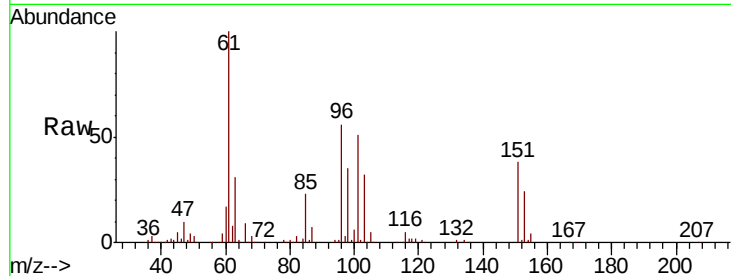
Tot Ion:101 Resp: 107801

Ion Ratio Lower Upper

101 100

85 44.6 36.9 55.3

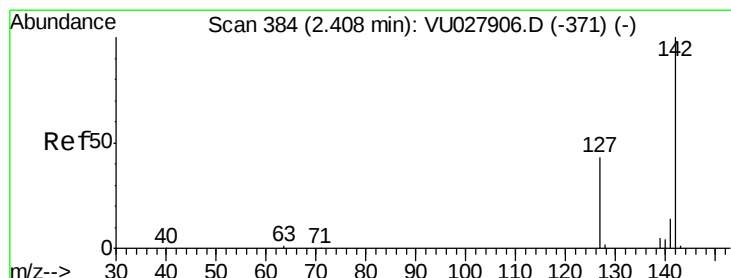
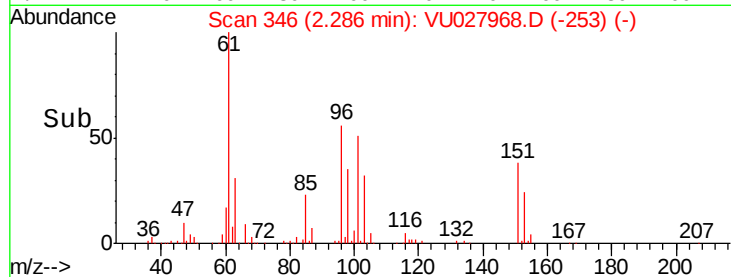
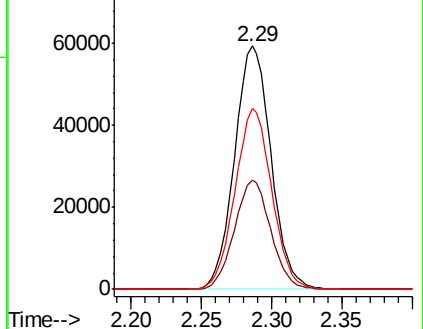
151 74.6 58.0 87.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.869 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

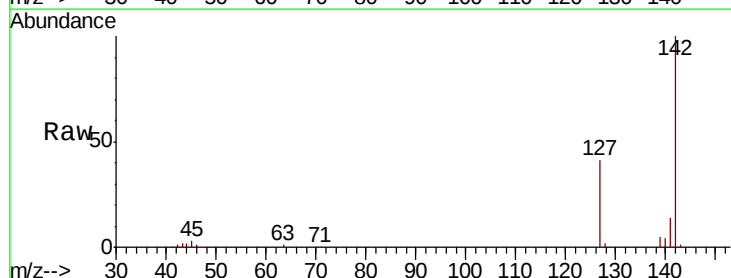
Tgt Ion:142 Resp: 97293

Ion Ratio Lower Upper

142 100

127 41.7 35.2 52.8

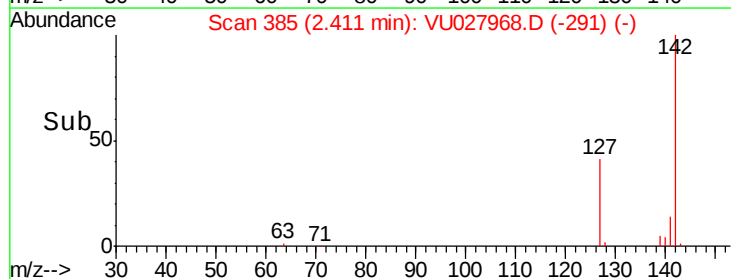
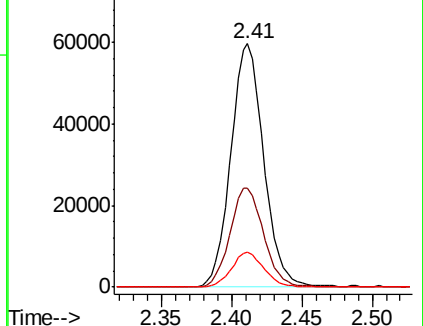
141 14.1 11.8 17.8

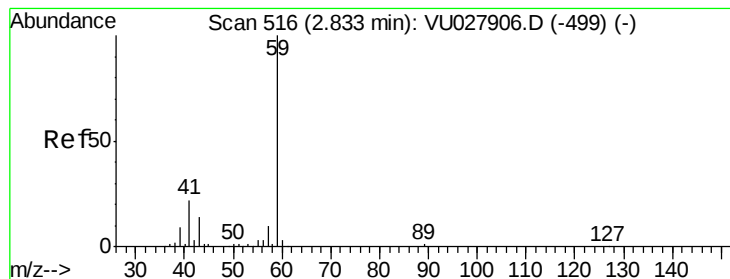


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



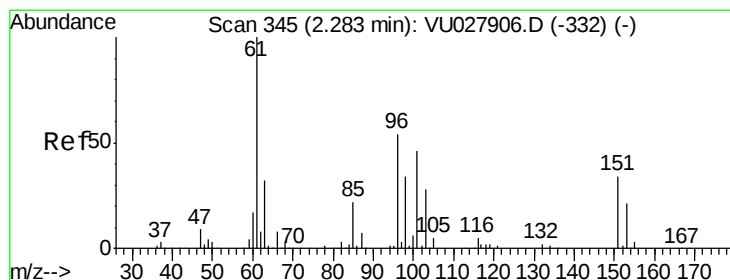
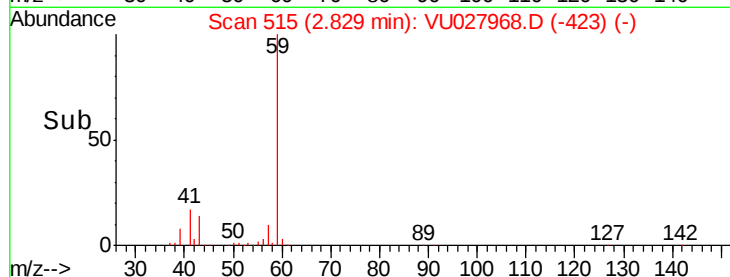
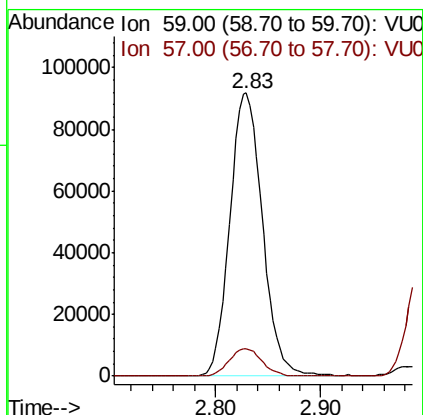
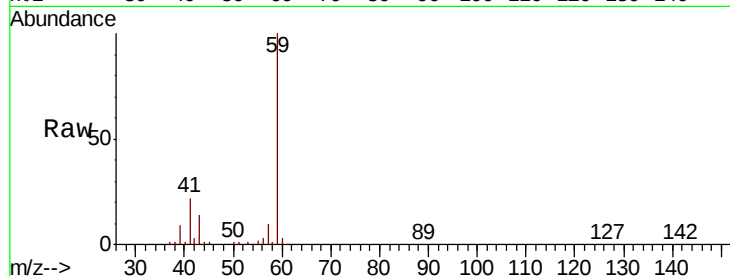


#11

Tert butyl alcohol
 Concen: 240.274 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

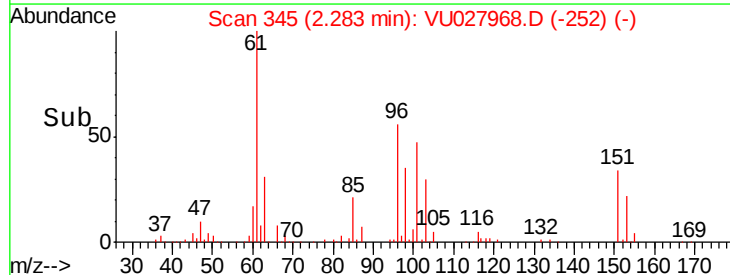
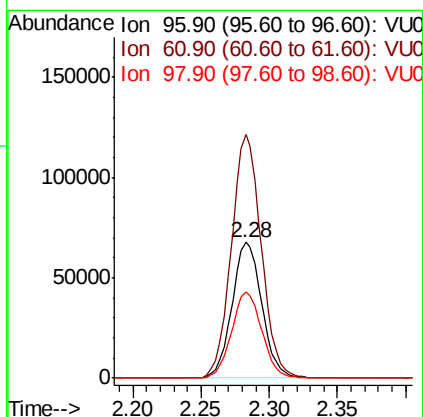
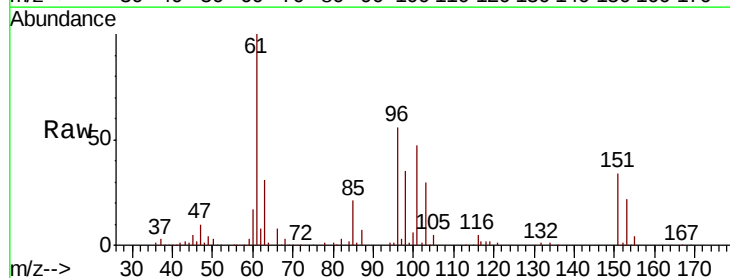
Tot Ion: 59 Resp: 196638
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.8

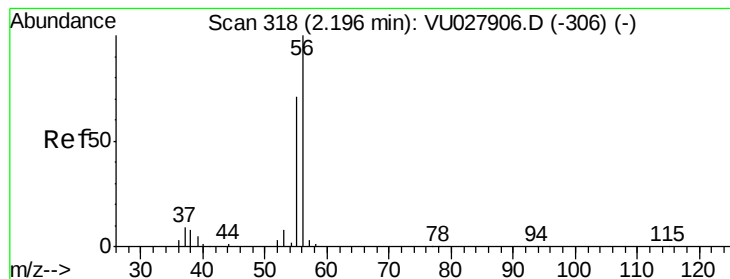


#12

1,1-Dichloroethene
 Concen: 47.185 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 96 Resp: 102825
 Ion Ratio Lower Upper
 96 100
 61 179.0 149.3 223.9
 98 63.0 50.6 75.8





#13

Acrolein

Concen: 283.278 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

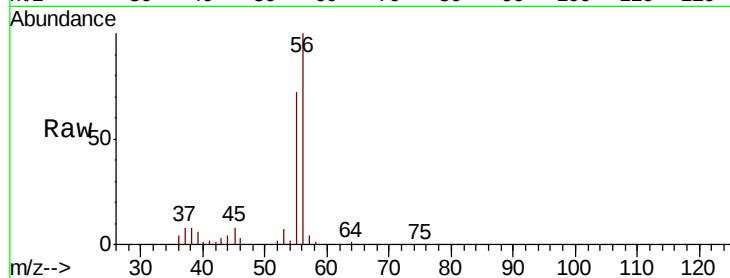
VSTDCCC050EC

Tot Ion: 56 Resp: 85005

Ion Ratio Lower Upper

56 100

55 72.5 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027906.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027906.D (-306) (-)

2.20

60000

50000

40000

30000

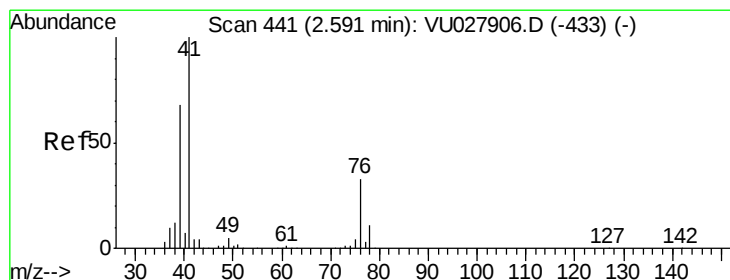
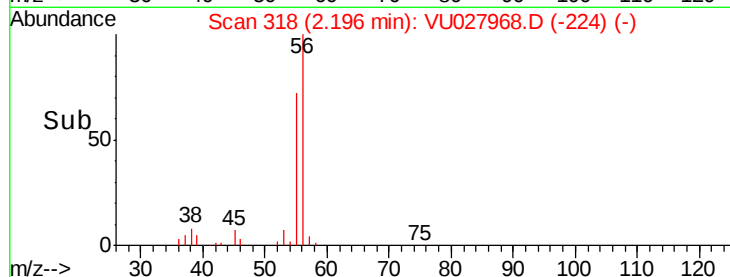
20000

10000

0

Time-->

2.15 2.20 2.25



#14

Allyl chloride

Concen: 44.506 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

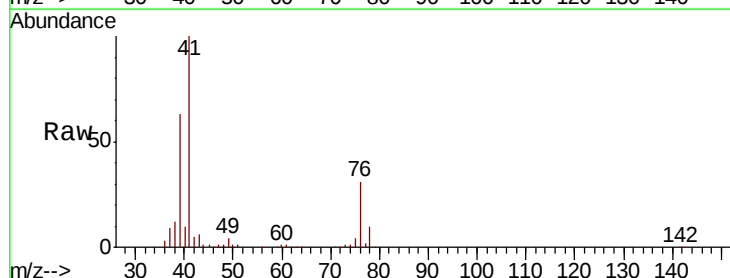
Tgt Ion: 41 Resp: 237041

Ion Ratio Lower Upper

41 100

39 64.3 51.9 77.9

76 30.5 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VU027906.D (-433) (-)

Ion 39.00 (38.70 to 39.70): VU027906.D (-433) (-)

Ion 75.90 (75.60 to 76.60): VU027906.D (-433) (-)

2.59

150000

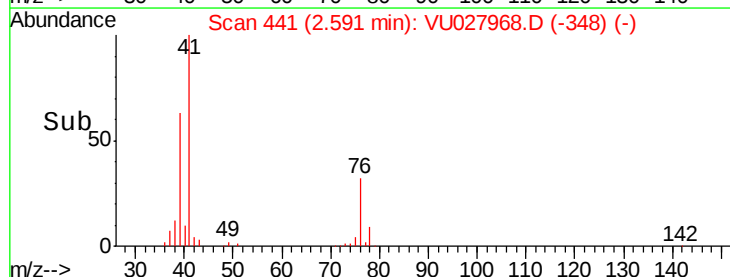
100000

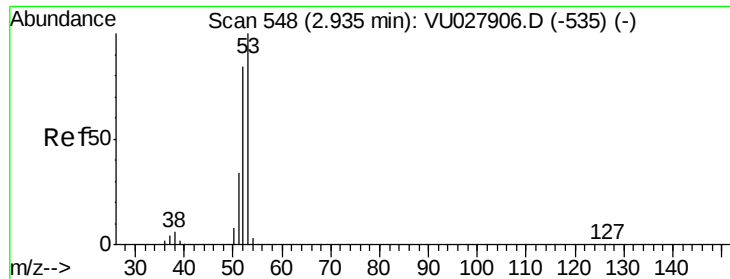
50000

0

Time-->

2.55 2.60 2.65 2.70





#15

Acrylonitrile

Concen: 243.079 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

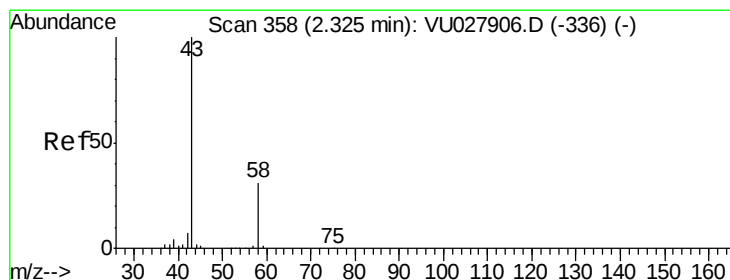
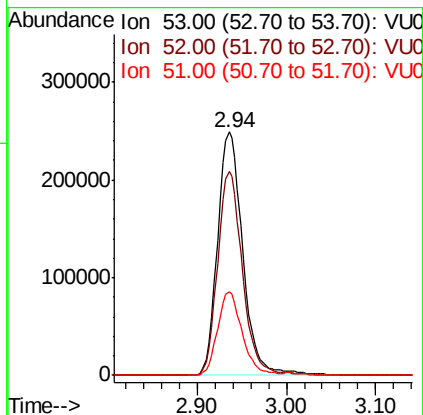
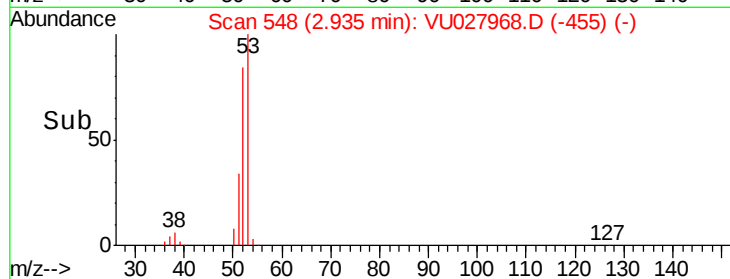
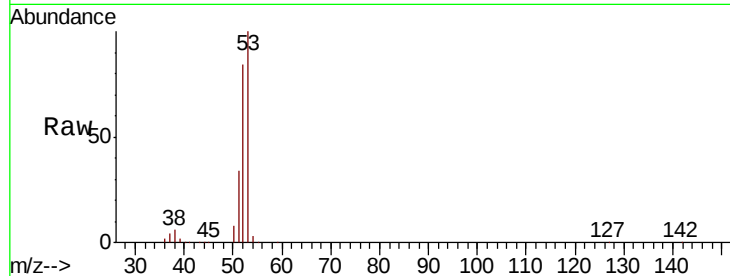
Tot Ion: 53 Resp: 488662

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.2

51 33.5 27.0 40.4



#16

Acetone

Concen: 220.525 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027968.D

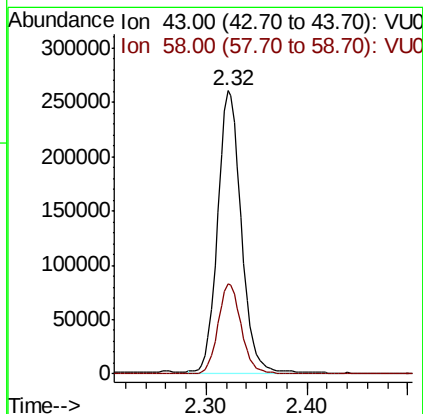
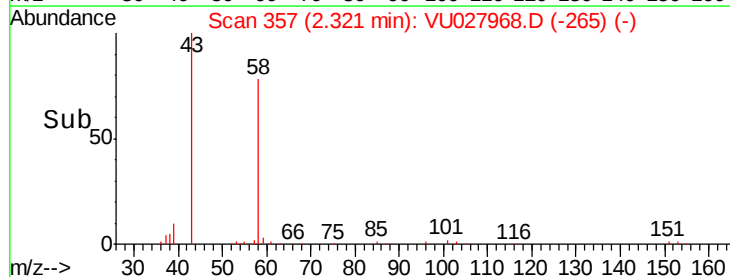
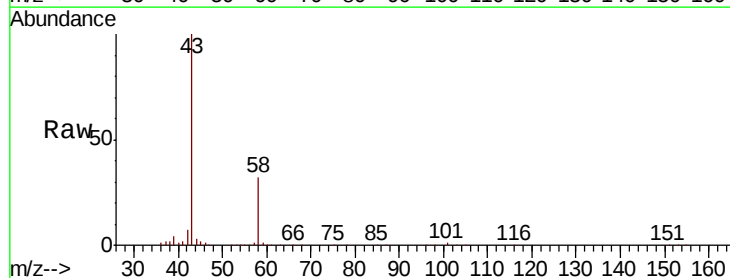
Acq: 05 Nov 2018 19:24

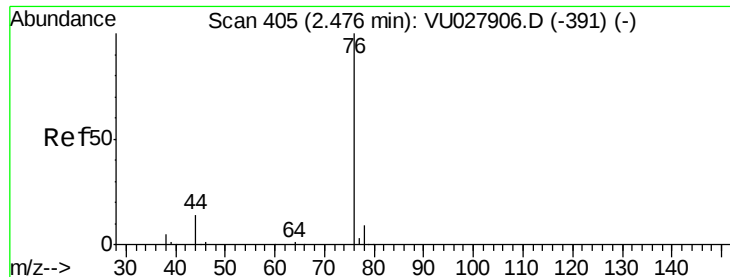
Tgt Ion: 43 Resp: 422968

Ion Ratio Lower Upper

43 100

58 31.8 24.6 37.0

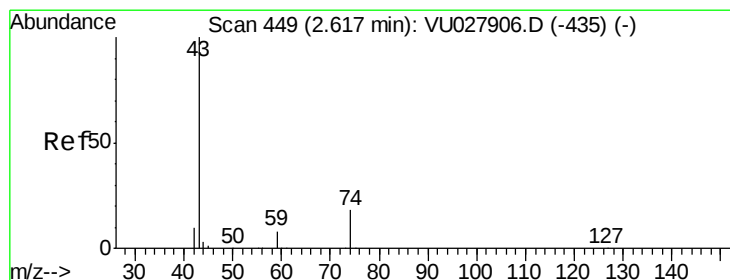
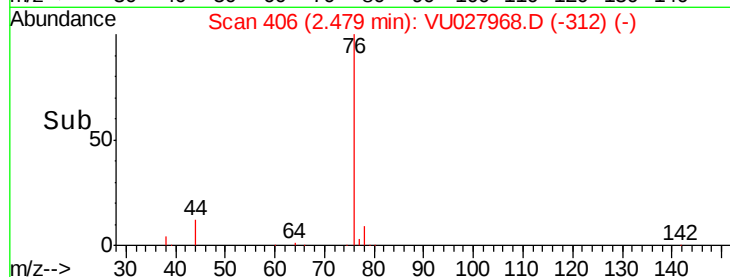
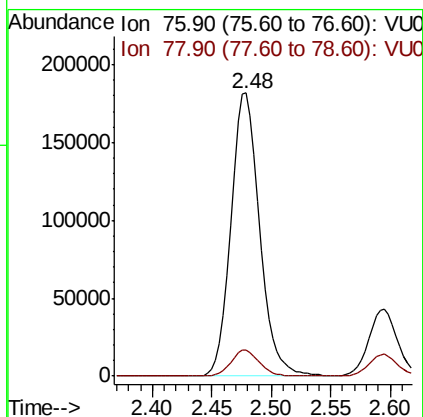
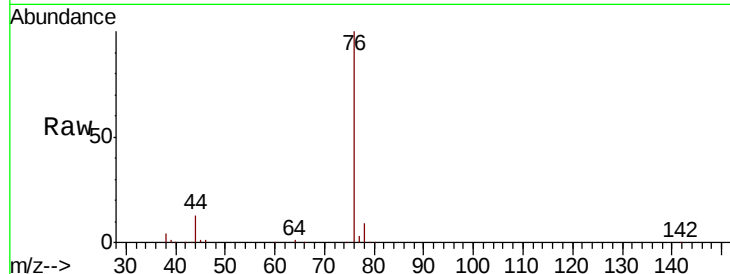




#17
Carbon Disulfide
Concen: 42.723 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

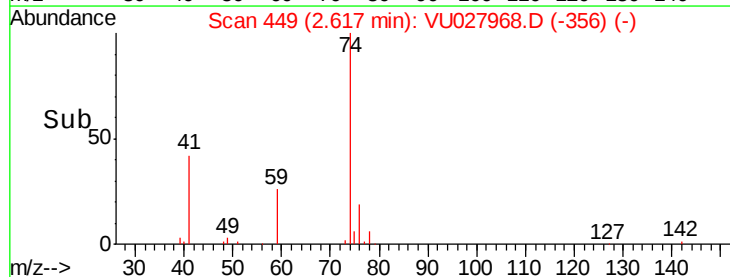
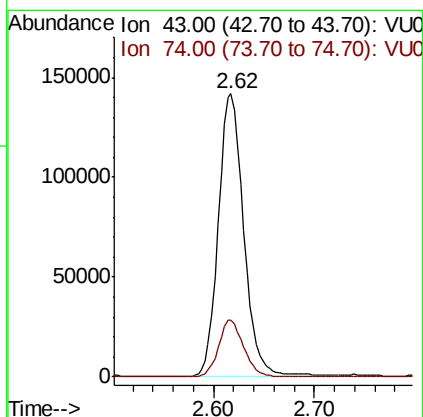
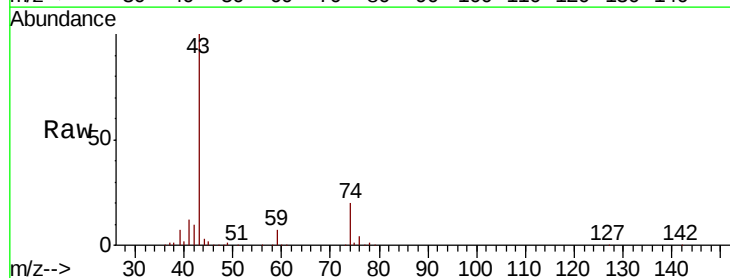
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

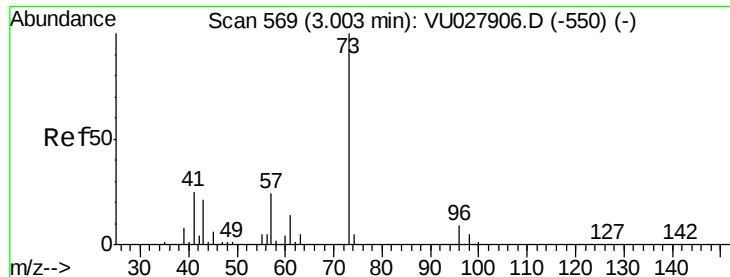
Tot Ion: 76 Resp: 304315
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.092 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 43 Resp: 248466
Ion Ratio Lower Upper
43 100
74 20.0 14.9 22.3



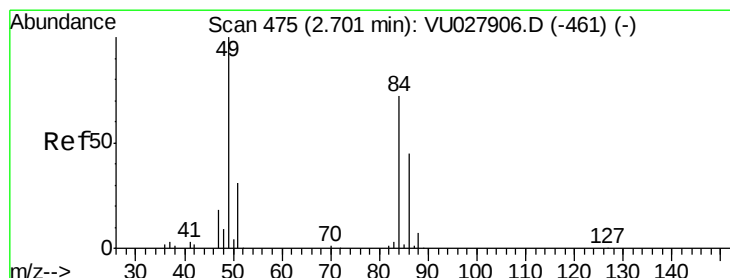
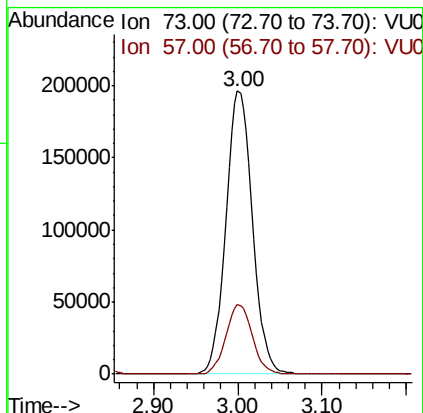
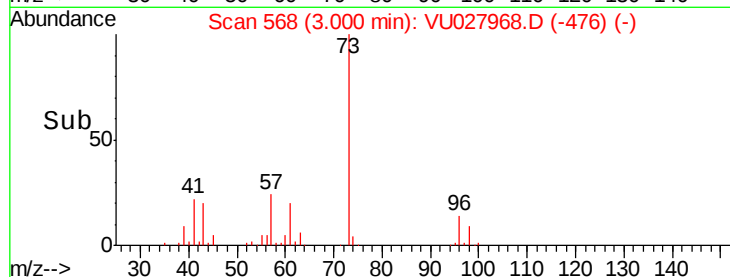
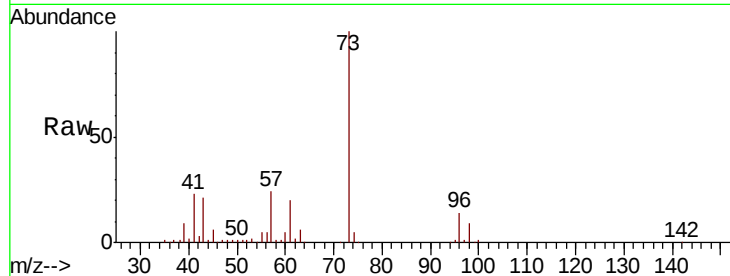


#19

Methyl tert-butyl Ether
 Concen: 48.852 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

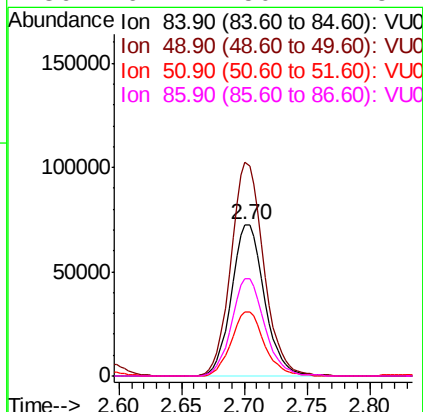
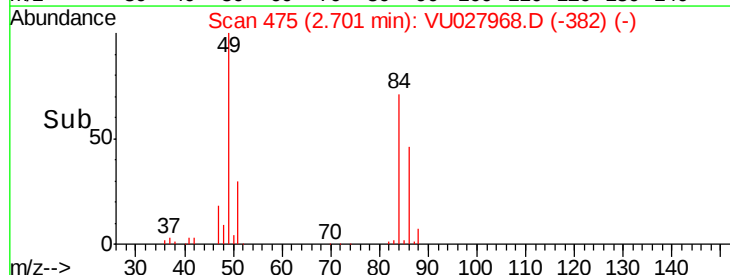
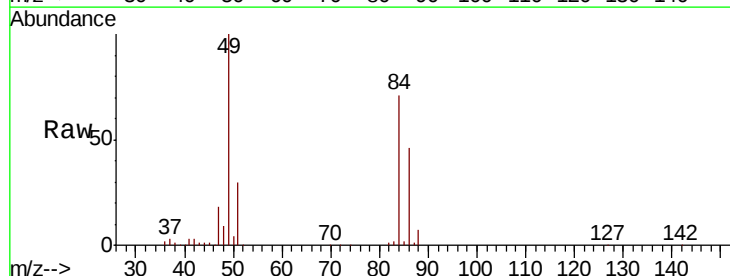
Tot Ion: 73 Resp: 429312
 Ion Ratio Lower Upper
 73 100
 57 24.4 19.3 28.9

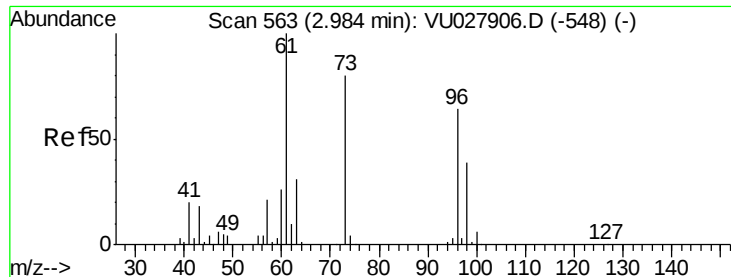


#20

Methylene Chloride
 Concen: 47.339 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 84 Resp: 132569
 Ion Ratio Lower Upper
 84 100
 49 141.3 111.6 167.4
 51 42.7 34.8 52.2
 86 64.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 45.722 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

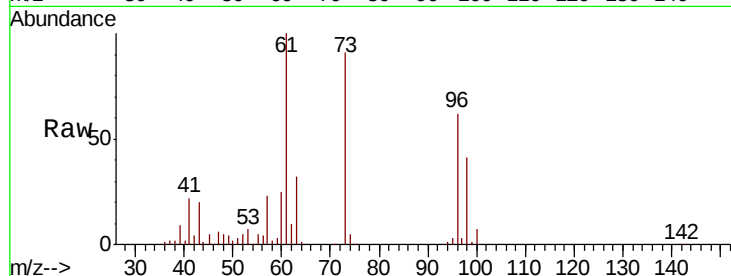
Tot Ion: 96 Resp: 114987

Ion Ratio Lower Upper

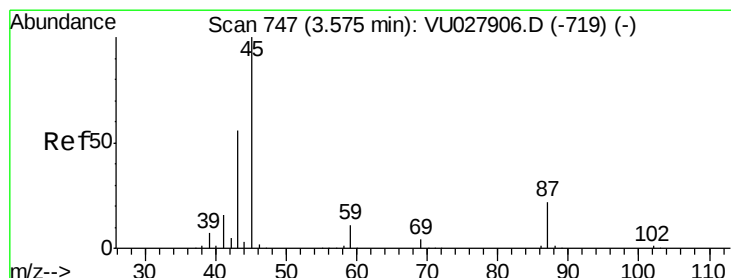
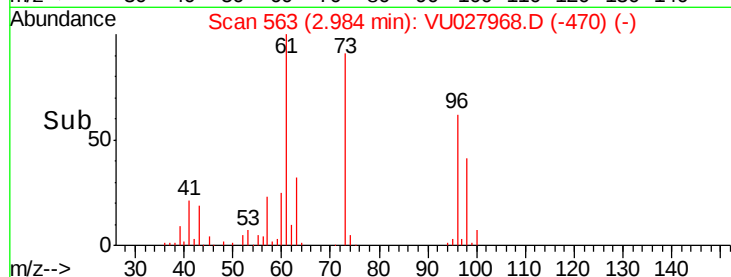
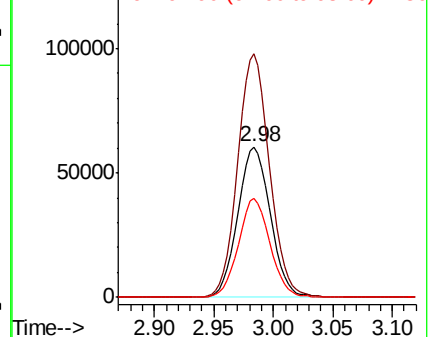
96 100

61 161.8 125.0 187.6

98 65.9 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: 47.900 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Tgt Ion: 45 Resp: 526703

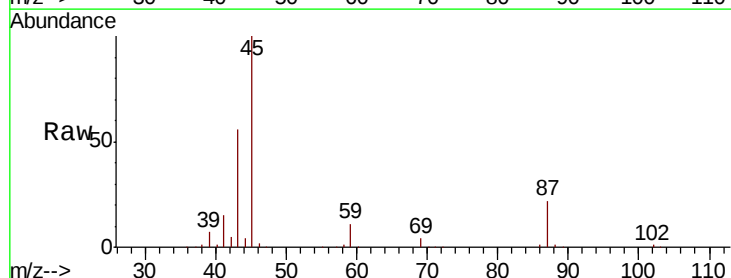
Ion Ratio Lower Upper

45 100

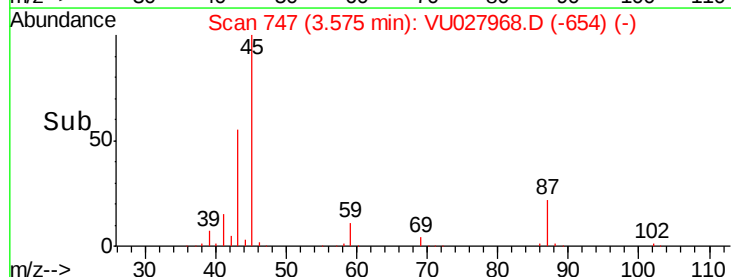
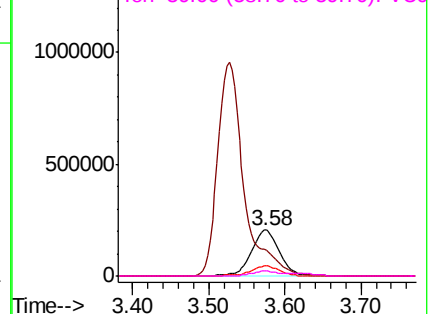
43 55.3 45.0 67.6

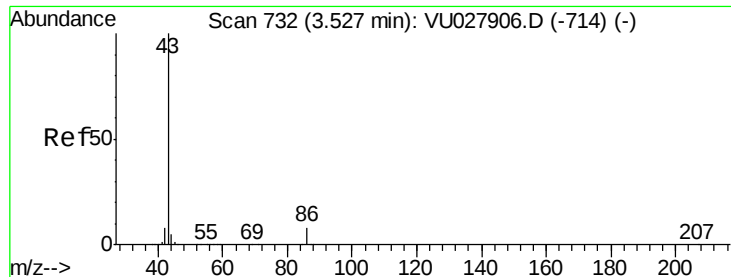
87 21.7 17.9 26.9

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: 242.656 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

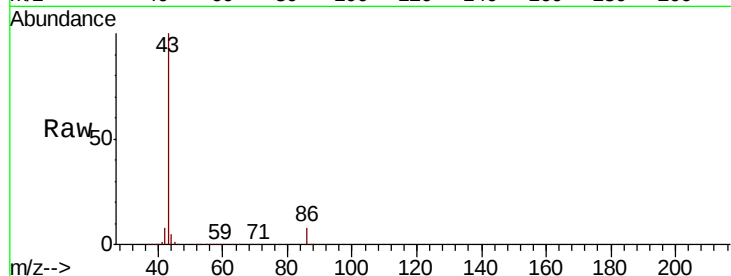
VSTDCCC050EC

Tot Ion: 43 Resp: 2293121

Ion Ratio Lower Upper

43 100

86 8.3 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-714) (-)

Ion 86.00 (85.70 to 86.70): VU027906.D (-714) (-)

3.53

1000000

800000

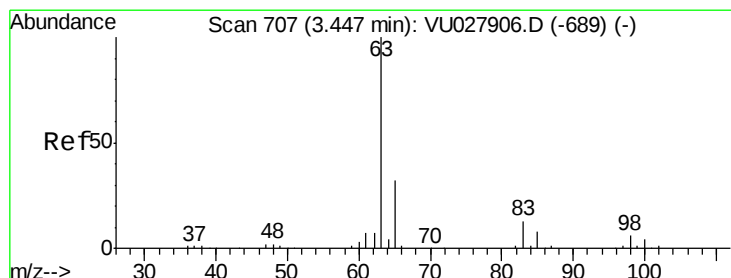
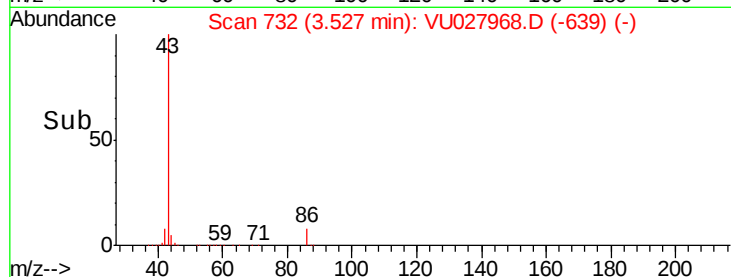
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.776 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

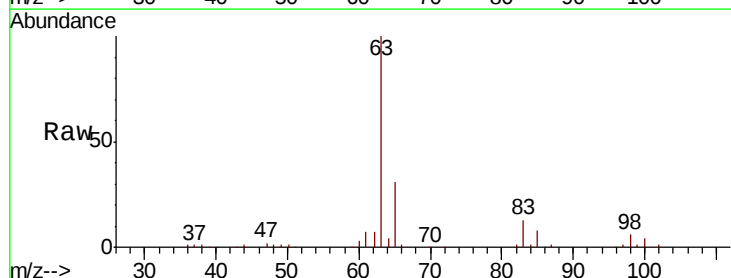
Tgt Ion: 63 Resp: 256194

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-689) (-)

Ion 97.90 (97.60 to 98.60): VU027906.D (-689) (-)

Ion 99.90 (99.60 to 100.60): VU027906.D (-689) (-)

3.45

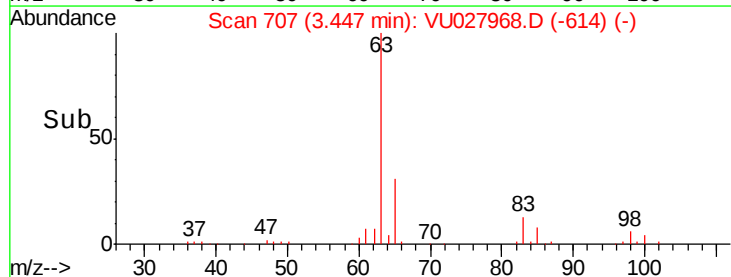
150000

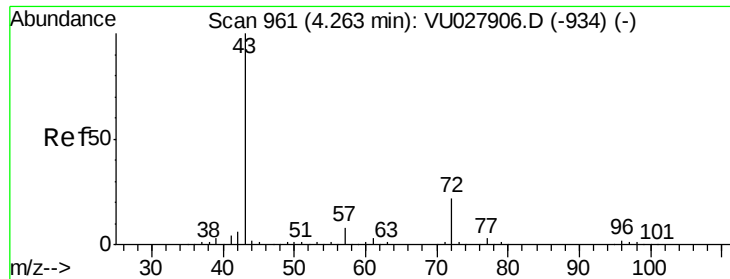
100000

50000

0

Time-->





#25

2-Butanone

Concen: 238.866 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

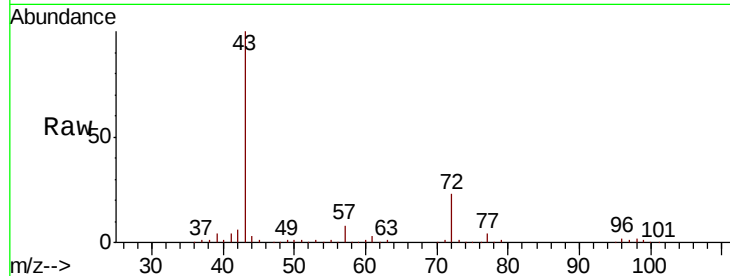
VSTDCCC050EC

Tot Ion: 43 Resp: 728868

Ion Ratio Lower Upper

43 100

72 23.1 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) (-)

4.26

300000

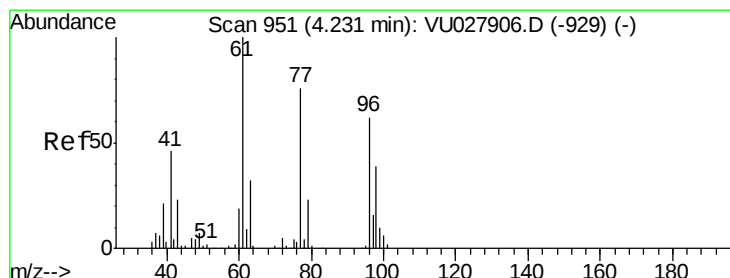
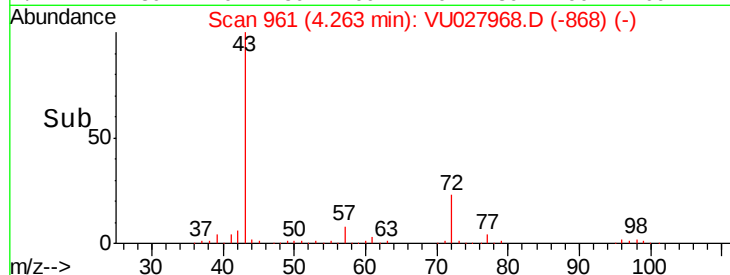
200000

100000

0

4.20 4.30

Time-->



#26

2,2-Dichloropropane

Concen: 45.674 ug/l

RT: 4.23 min Scan# 951

Delta R.T. -0.00 min

Lab File: VU027968.D

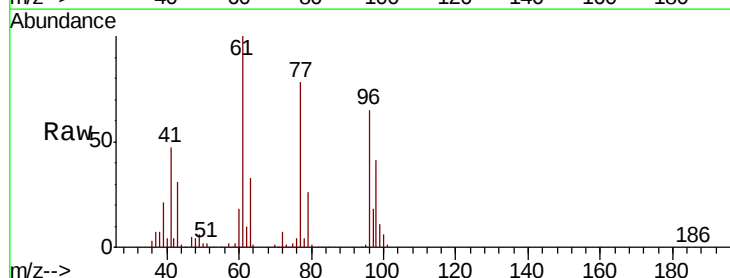
Acq: 05 Nov 2018 19:24

Tgt Ion: 77 Resp: 187730

Ion Ratio Lower Upper

77 100

97 23.0 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) (-)

4.23

80000

60000

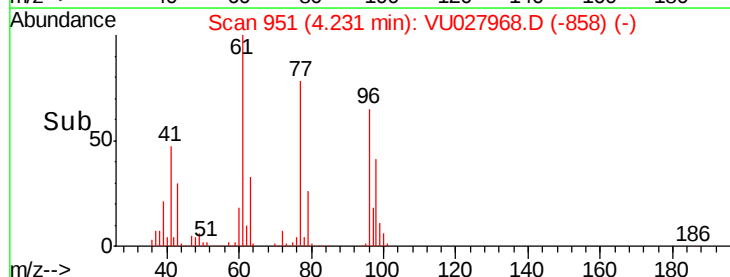
40000

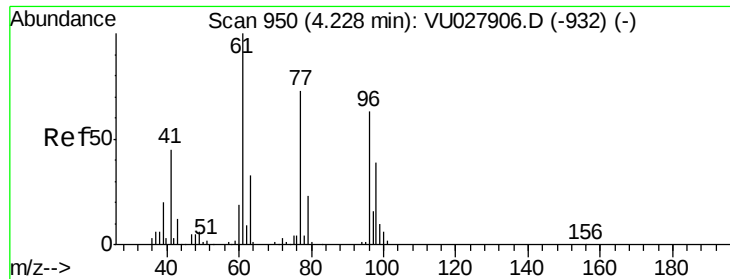
20000

0

4.10 4.20 4.30

Time-->



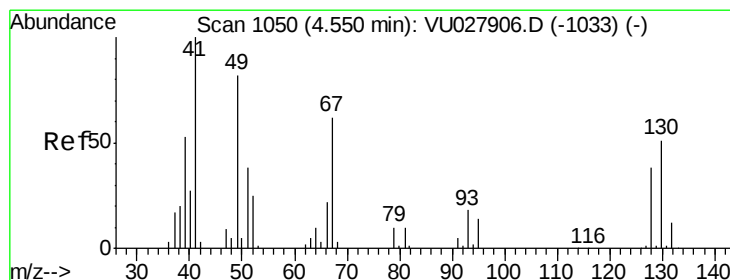
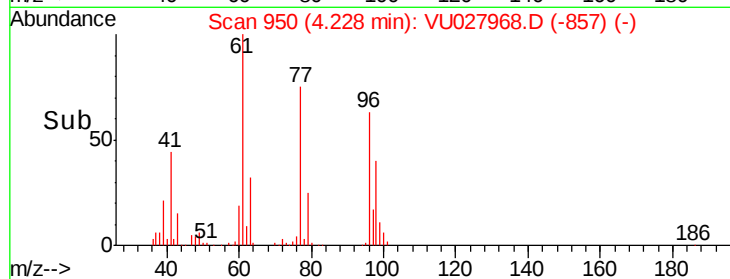
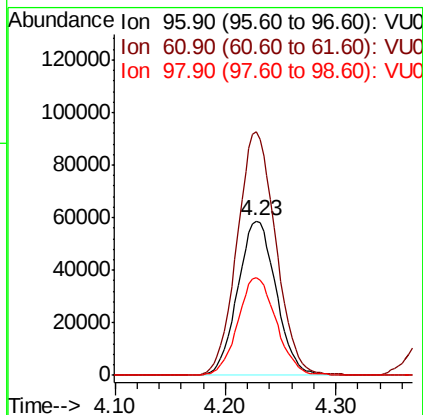
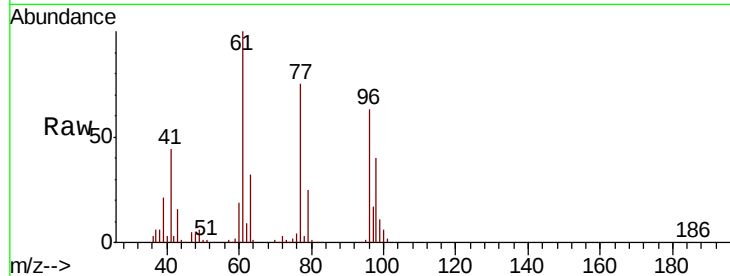


#27

cis-1,2-Dichloroethene
Concen: 50.119 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

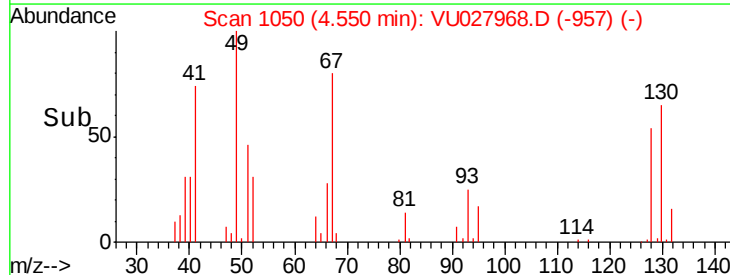
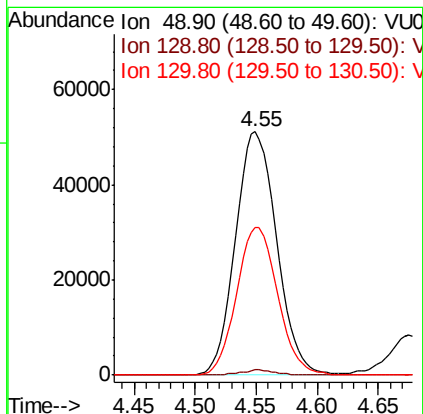
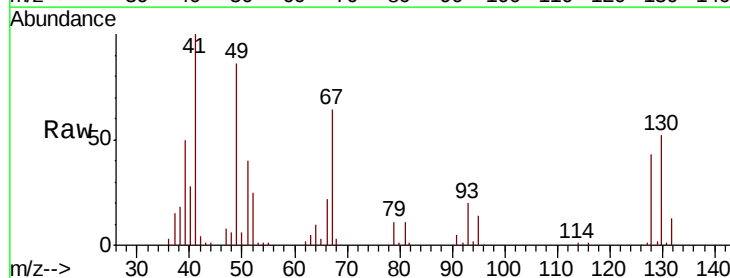
Tot Ion: 96 Resp: 141344
Ion Ratio Lower Upper
96 100
61 159.4 0.0 329.6
98 63.4 0.0 127.2

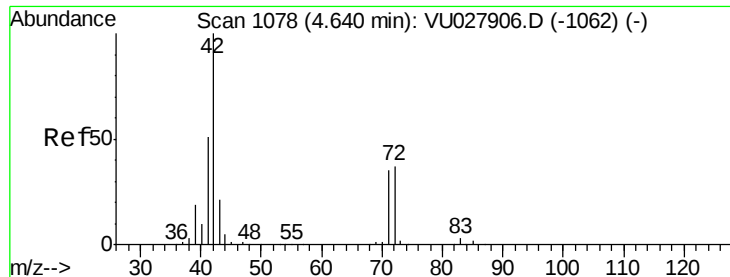


#28

Bromochloromethane
Concen: 46.699 ug/l
RT: 4.55 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 49 Resp: 119907
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.0
130 60.4 47.8 71.6

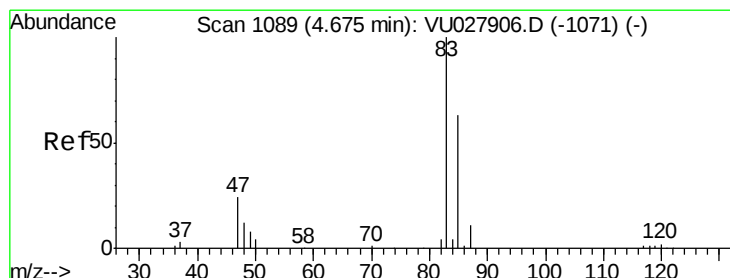
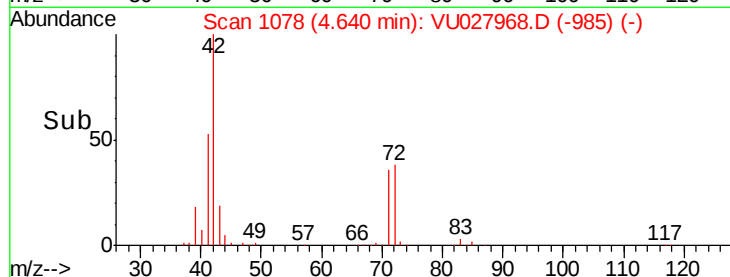
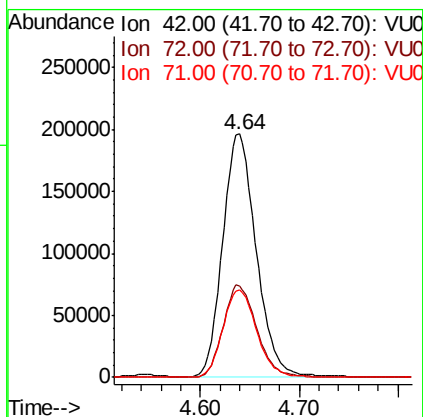
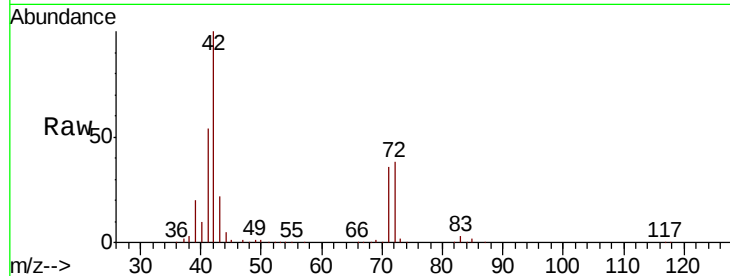




#29
Tetrahydrofuran
Concen: 228.066 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

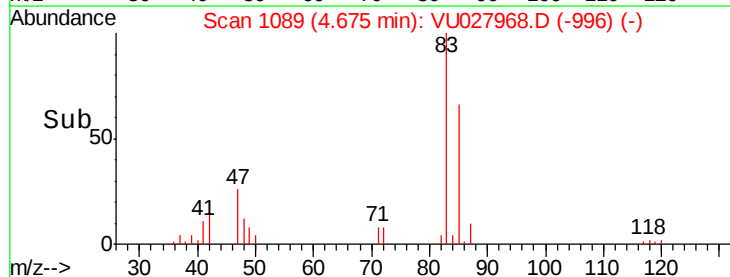
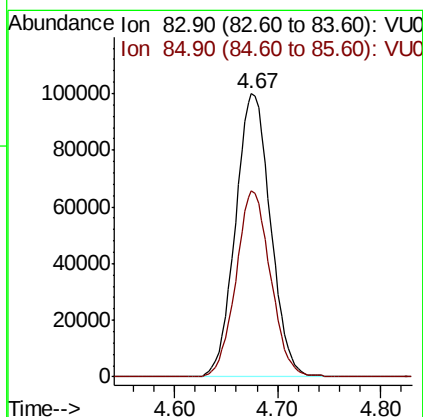
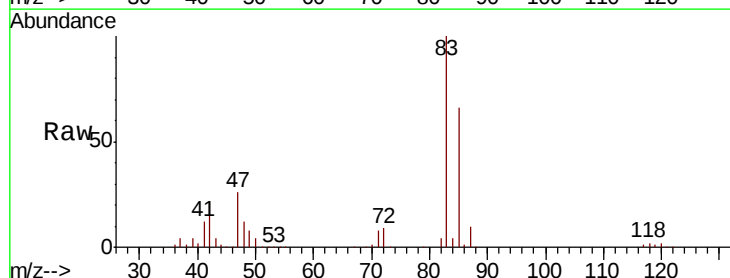
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

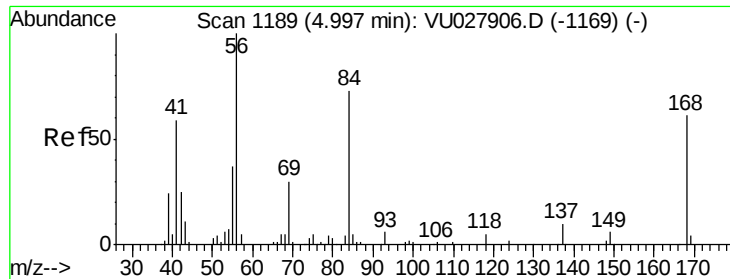
Tot Ion: 42 Resp: 464688
Ion Ratio Lower Upper
42 100
72 38.2 29.4 44.0
71 36.5 27.9 41.9



#30
Chloroform
Concen: 47.013 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 83 Resp: 236093
Ion Ratio Lower Upper
83 100
85 65.7 50.6 76.0

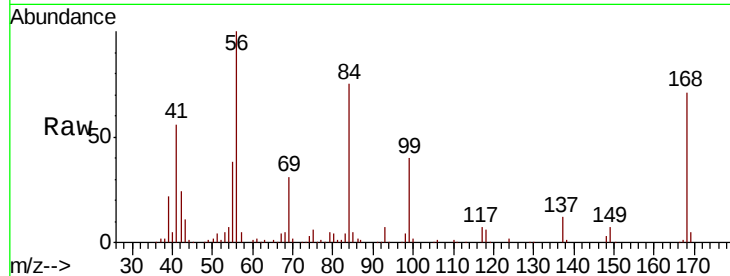




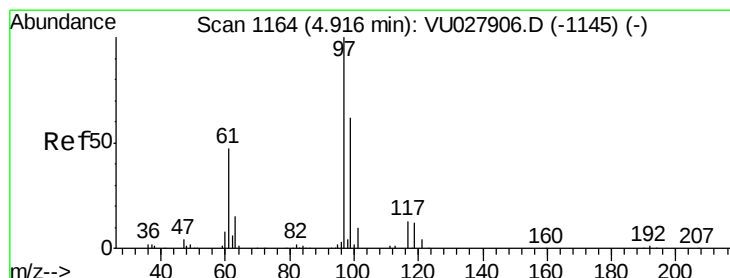
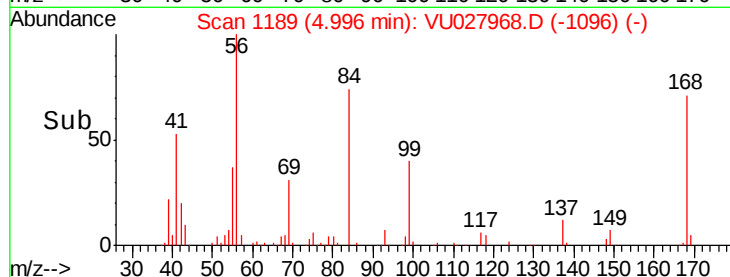
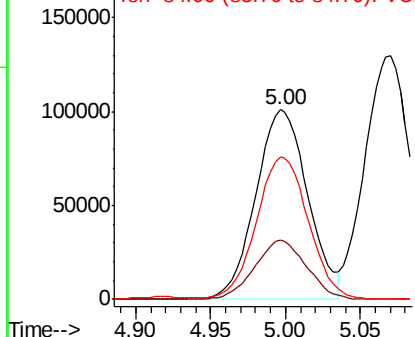
#31
Cyclohexane
Concen: 45.336 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 244517
Ion Ratio Lower Upper
56 100
69 31.3 23.7 35.5
84 74.1 58.2 87.4

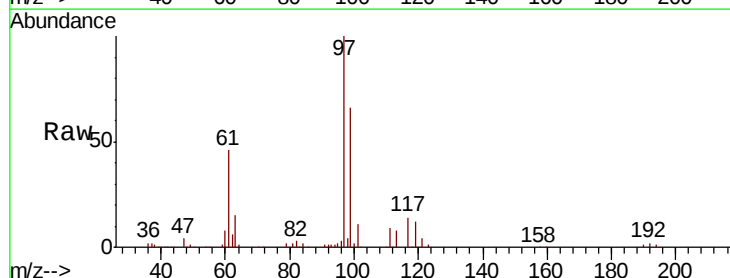


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

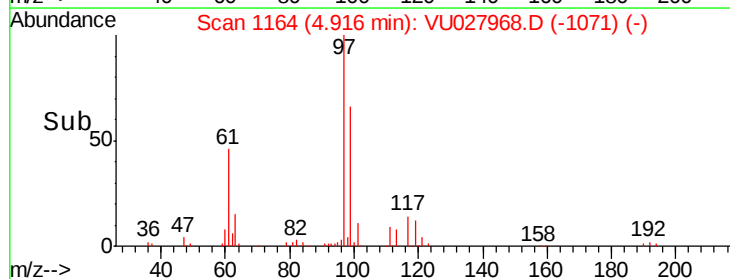
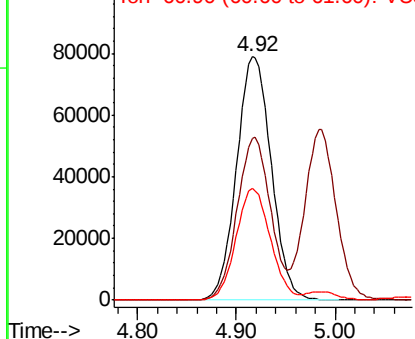


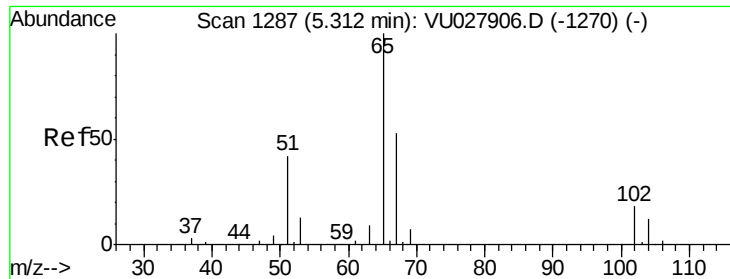
#32
1,1,1-Trichloroethane
Concen: 48.177 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 97 Resp: 192589
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 45.6 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

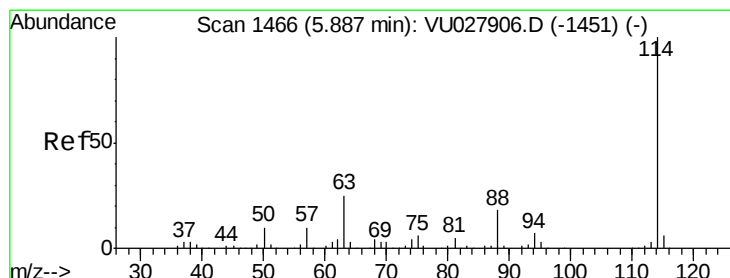
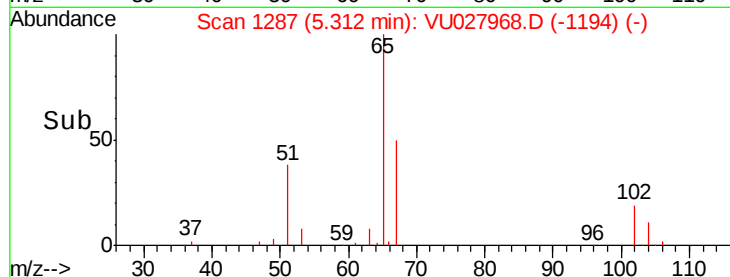
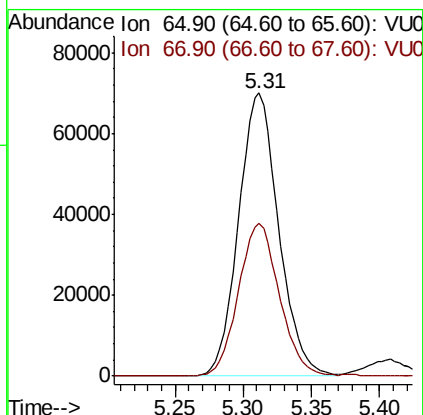
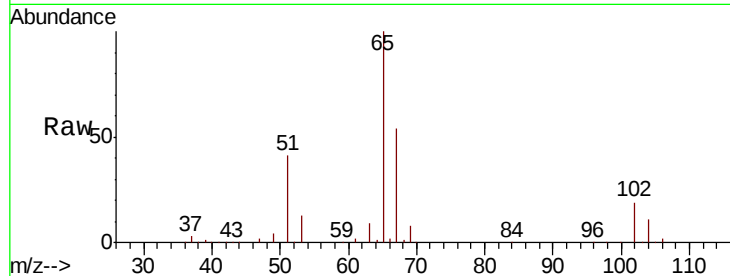




#33
 1,2-Dichloroethane-d4
 Concen: 46.261 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

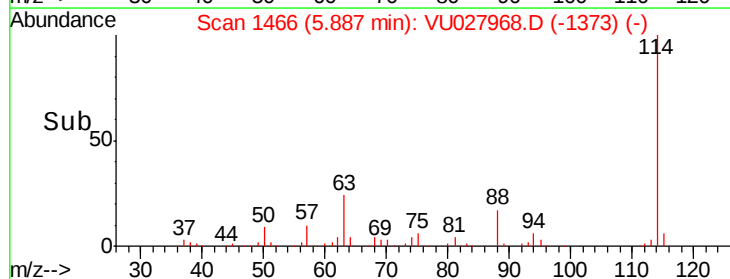
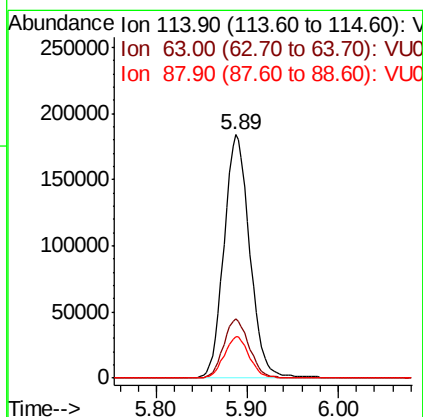
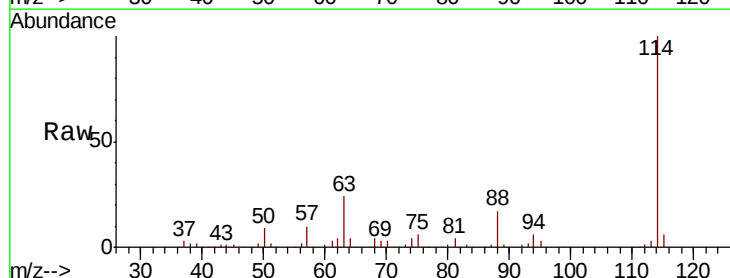
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

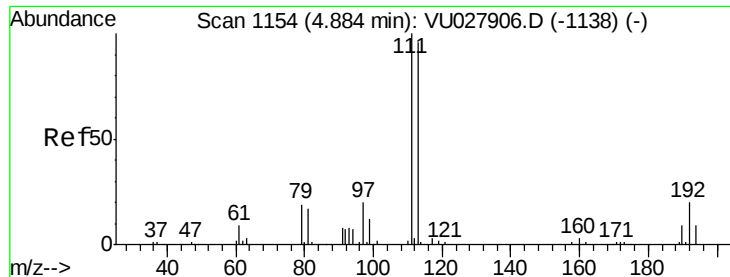
Tot Ion: 65 Resp: 143009
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 114 Resp: 361212
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 17.1 0.0 35.8

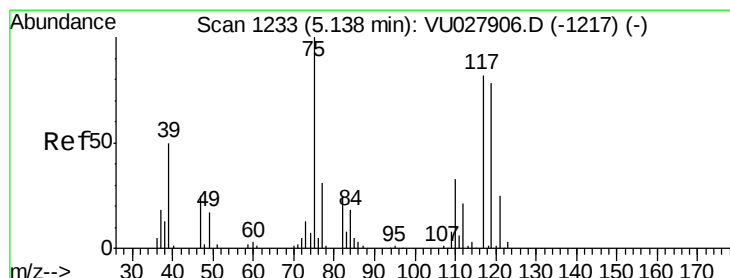
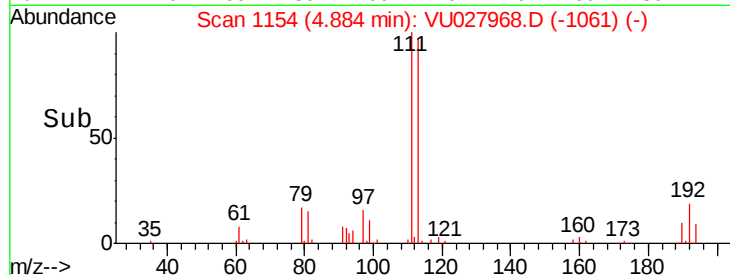
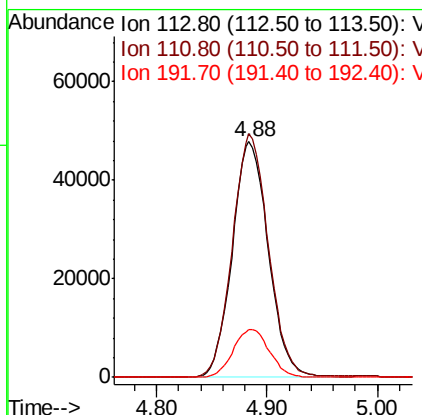
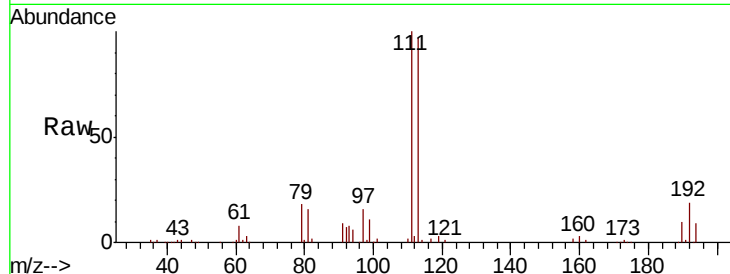




#35
 Dibromofluoromethane
 Concen: 47.624 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

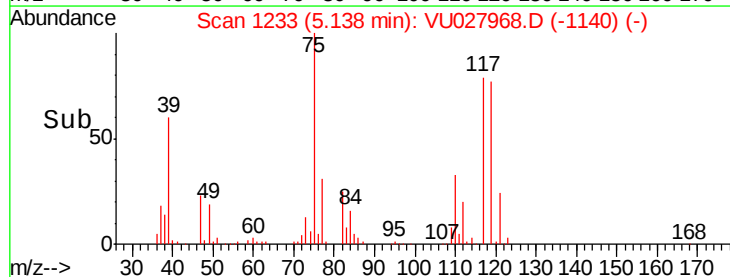
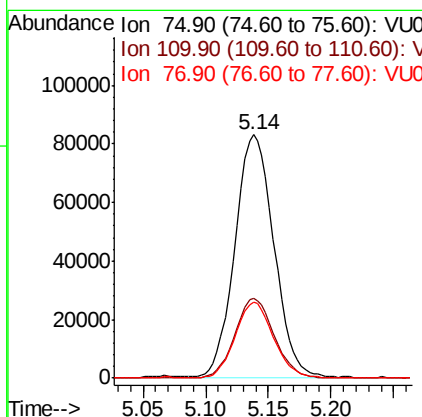
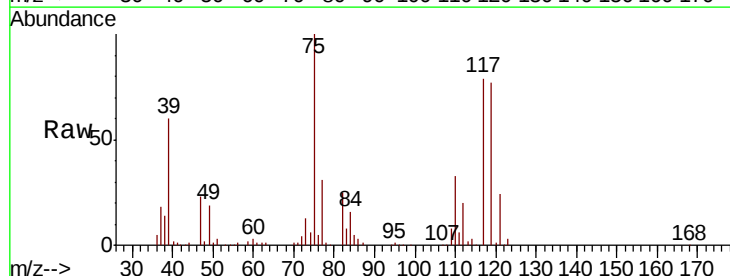
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

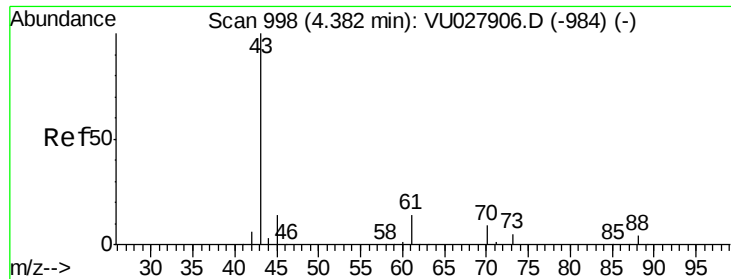
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.6
192	20.4	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 47.180 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.5	49.5
77	31.1	24.9	37.3

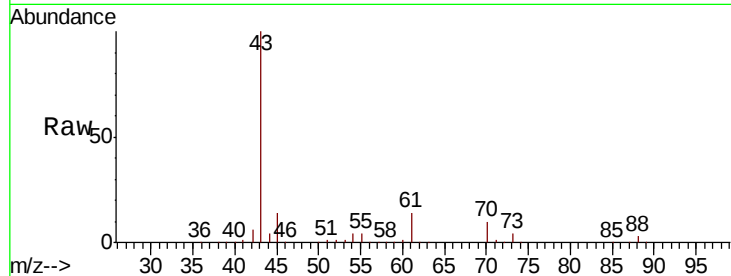




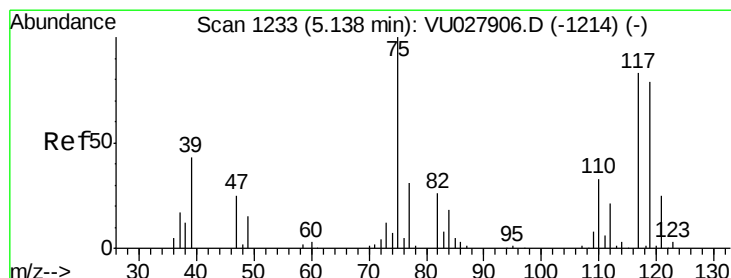
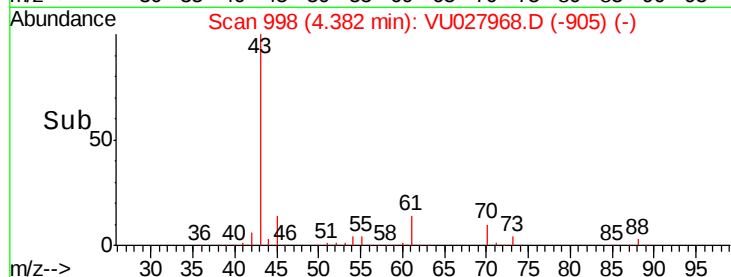
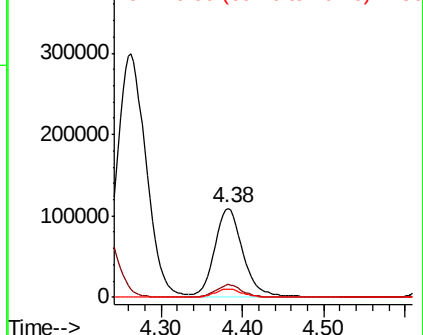
#37
Ethyl Acetate
Concen: 48.514 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 268918
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 9.3 7.0 10.6

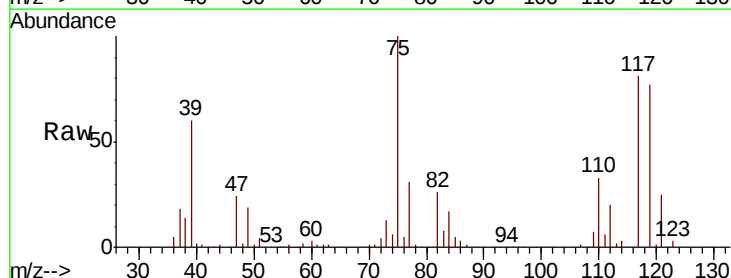


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

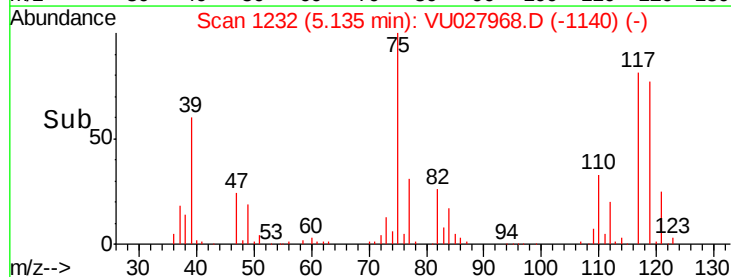
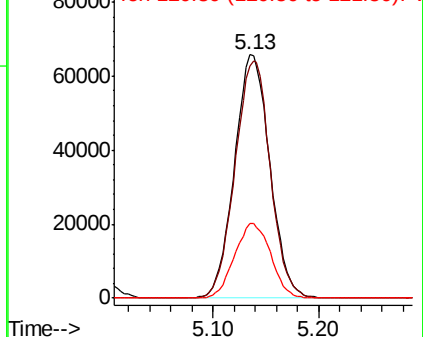


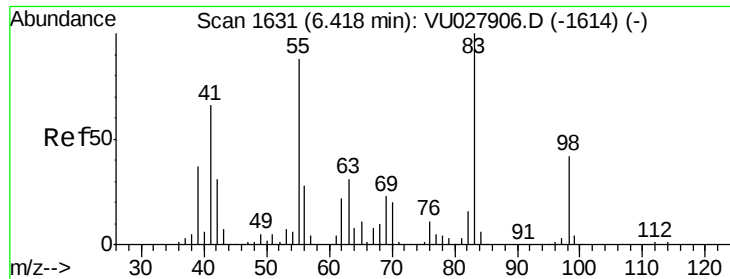
#38
Carbon Tetrachloride
Concen: 45.655 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 117 Resp: 153064
Ion Ratio Lower Upper
117 100
119 95.3 76.0 114.0
121 30.8 24.5 36.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

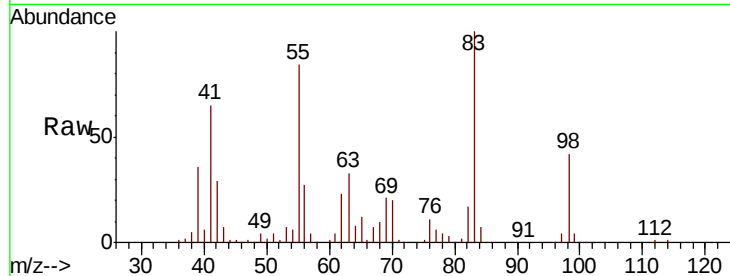




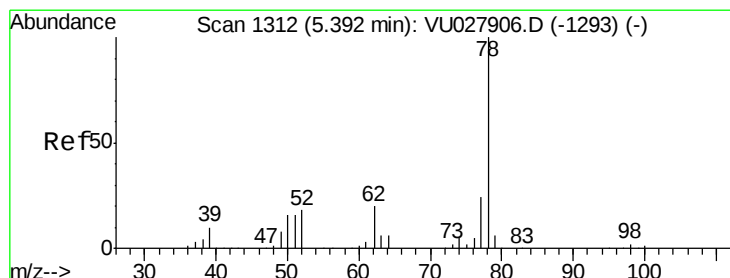
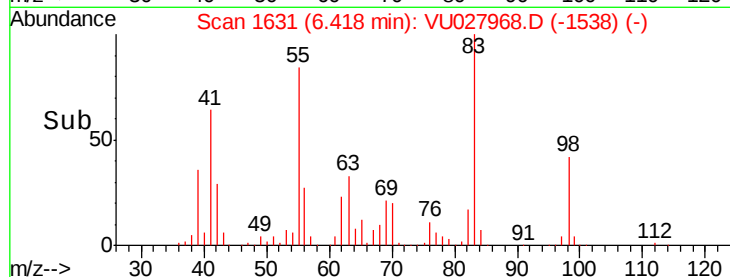
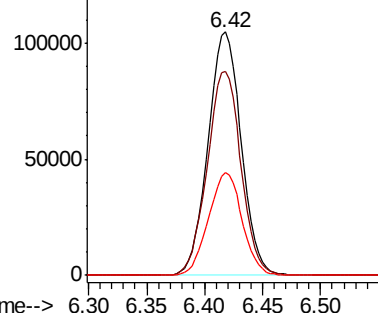
#39
Methvlcvclohexane
Concen: 45.562 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 207894
Ion Ratio Lower Upper
83 100
55 83.8 70.3 105.5
98 42.4 34.0 51.0

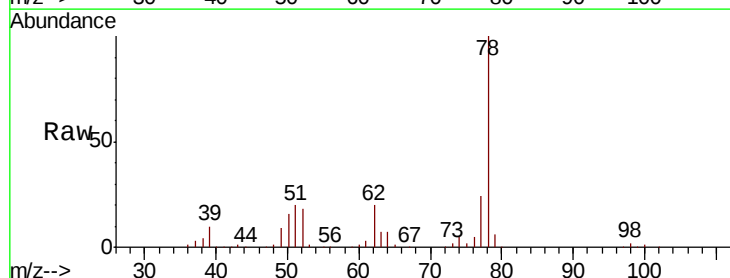


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

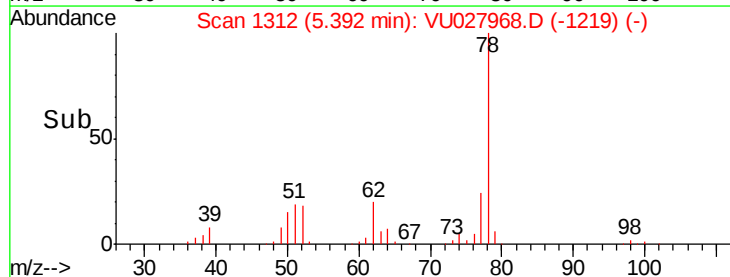
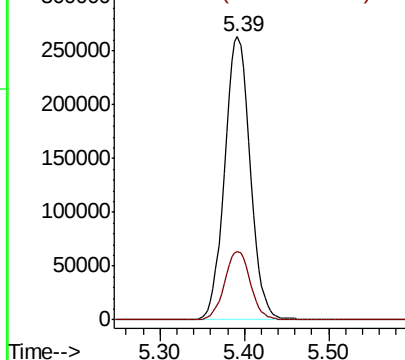


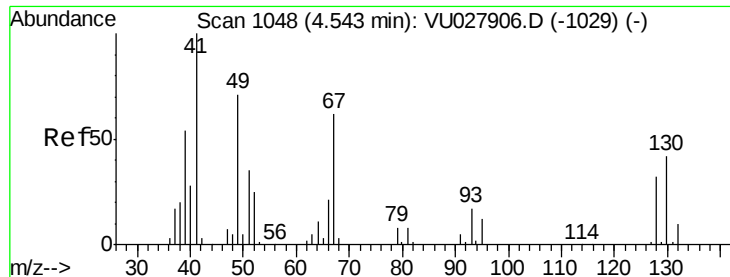
#40
Benzene
Concen: 47.953 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 78 Resp: 554642
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

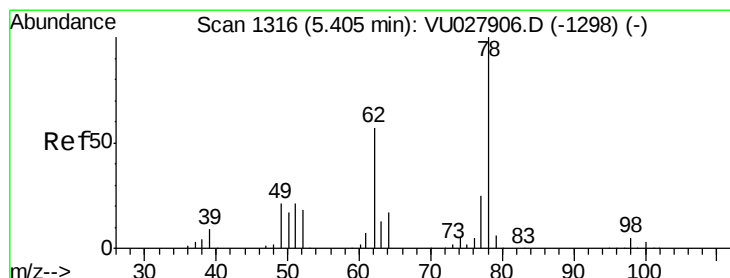
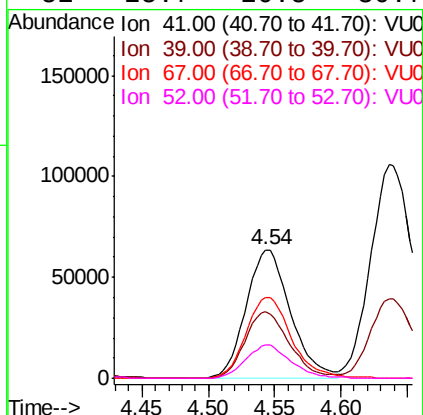
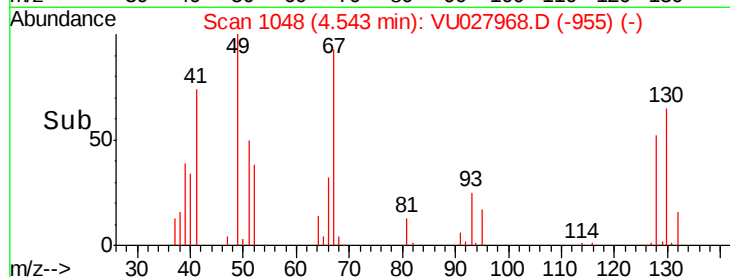
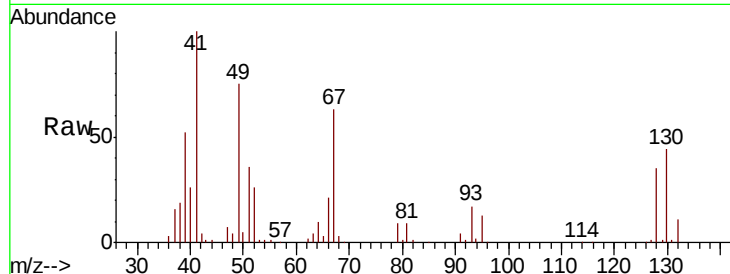




#41
Methacrylonitrile
Concen: 50.012 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

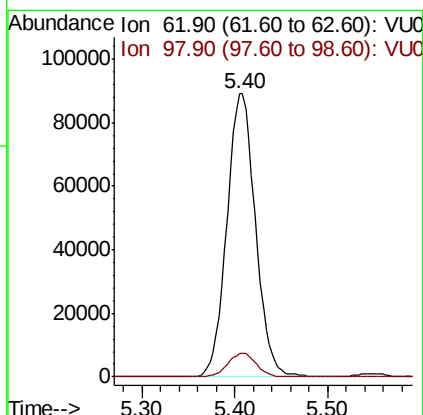
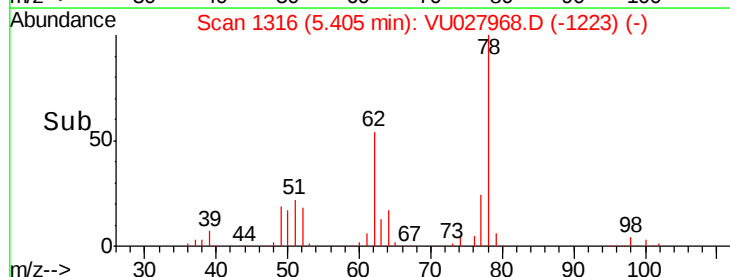
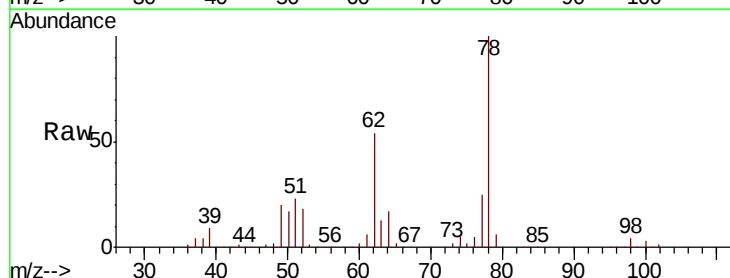
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

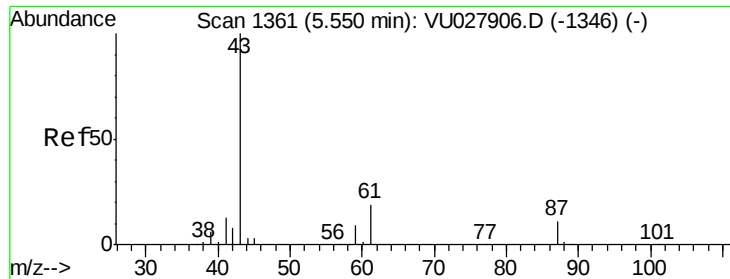
Tot Ion	41	Resp:	147945
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.2	63.4
67	64.7	49.5	74.3
52	25.7	20.5	30.7



#42
1,2-Dichloroethane
Concen: 46.411 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion	62	Resp:	190811
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 48.049 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

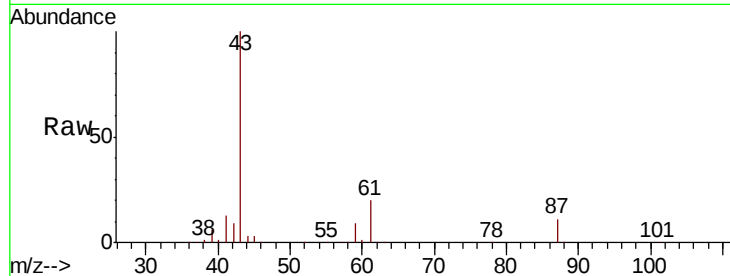
Tot Ion: 43 Resp: 417271

Ion Ratio Lower Upper

43 100

61 19.5 15.0 22.4

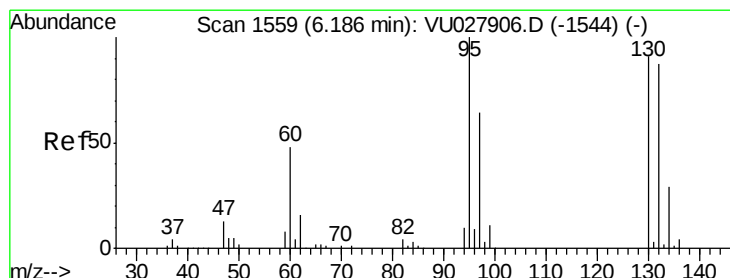
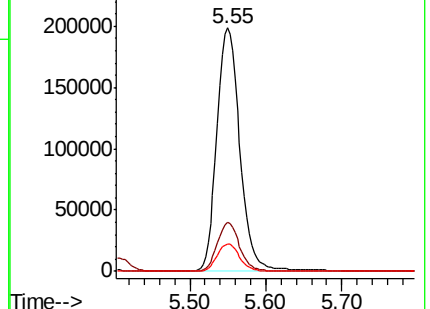
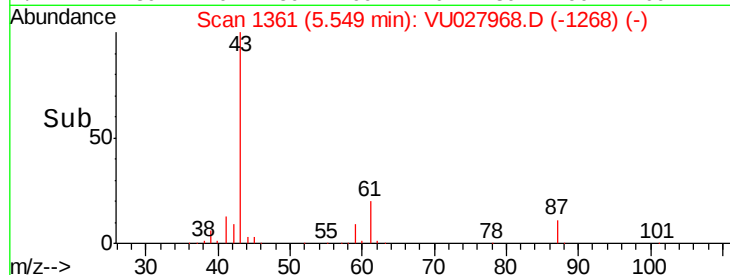
87 11.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#44

Trichloroethene

Concen: 48.514 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027968.D

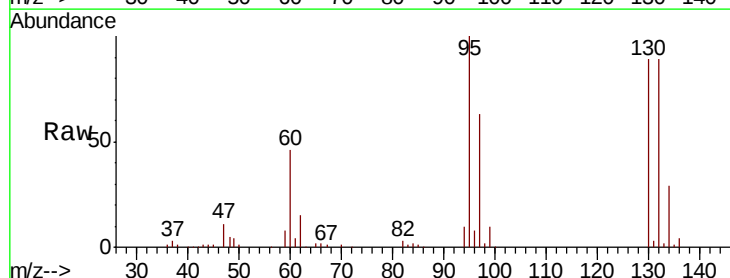
Acq: 05 Nov 2018 19:24

Tgt Ion: 130 Resp: 120618

Ion Ratio Lower Upper

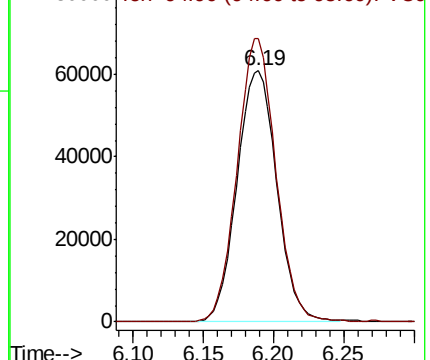
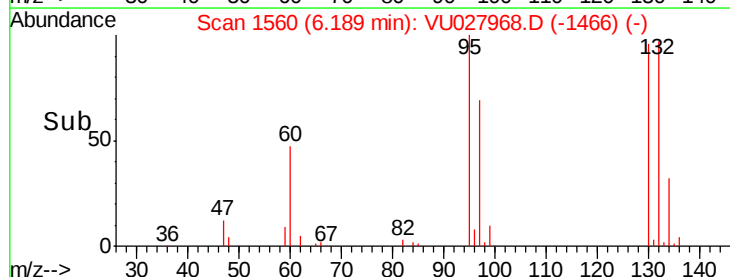
130 100

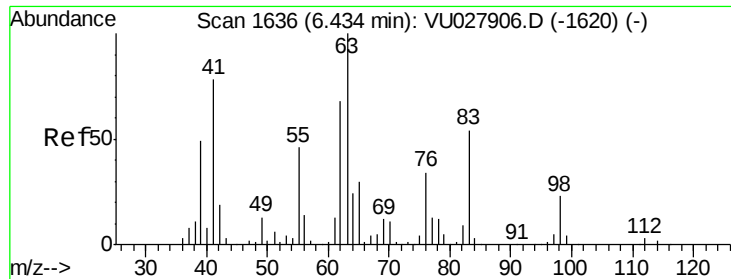
95 112.7 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): VU027906.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU027906.D (-1544) (-)

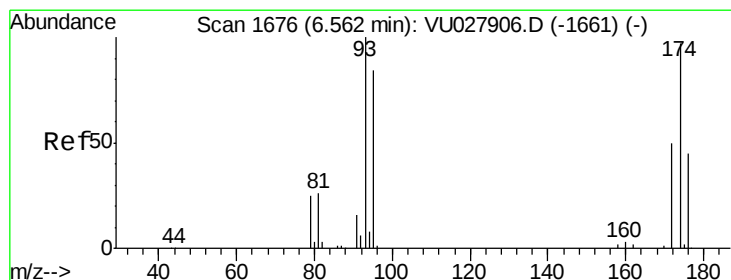
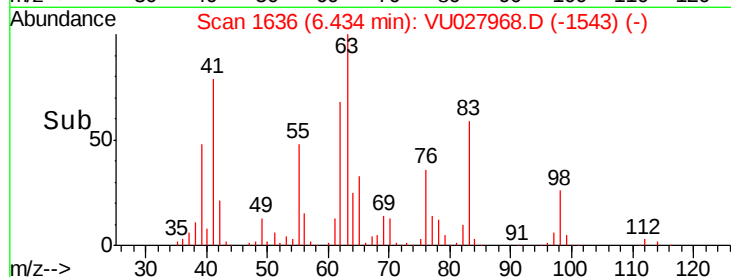
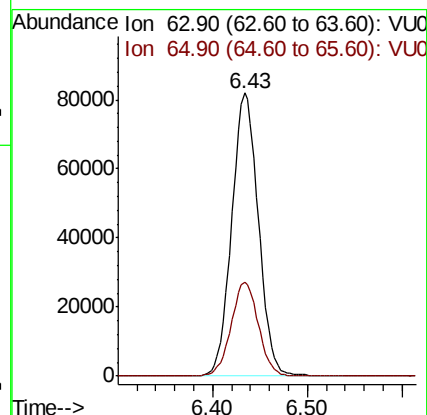
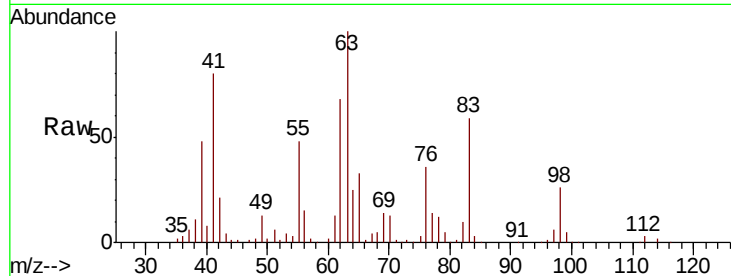




#45
 1,2-Dichloropropane
 Concen: 48.084 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

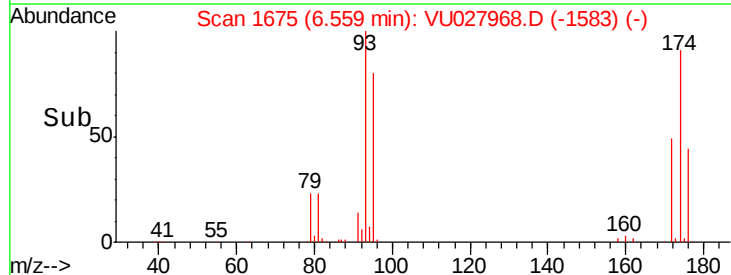
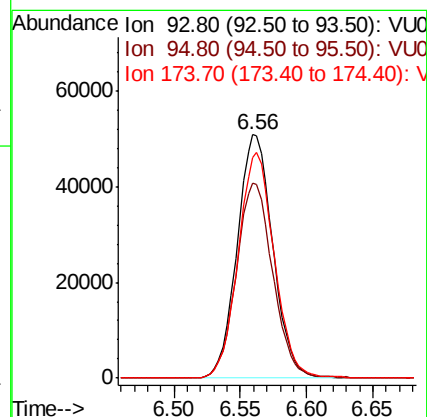
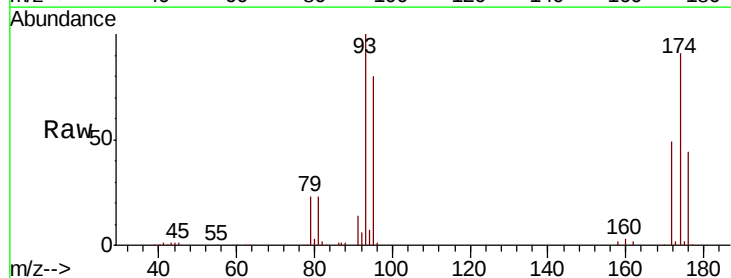
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

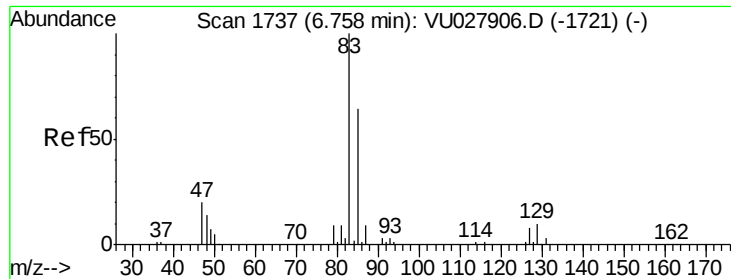
Tot Ion: 63 Resp: 160393
 Ion Ratio Lower Upper
 63 100
 65 33.1 24.4 36.6



#46
 Dibromomethane
 Concen: 49.531 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 93 Resp: 94969
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.5 102.7
 174 93.7 76.1 114.1

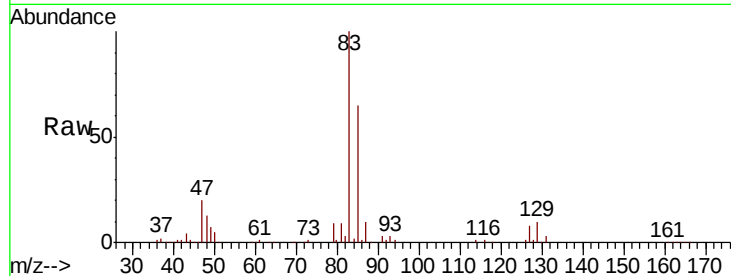




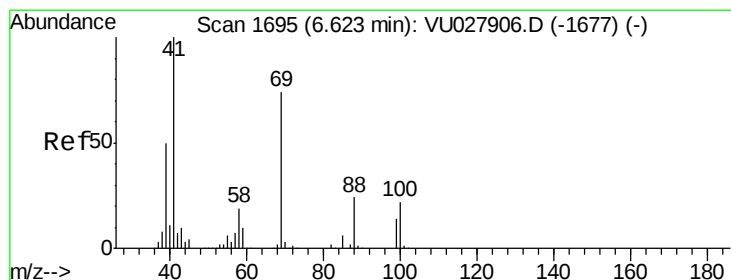
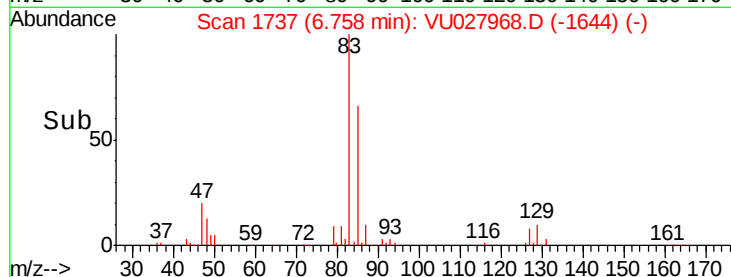
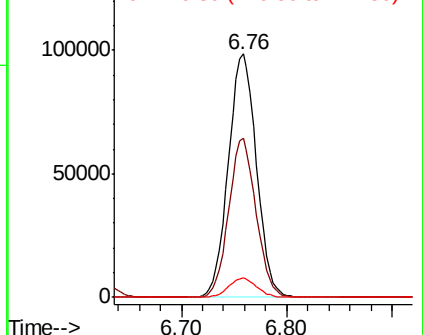
#47
Bromodichloromethane
Concen: 49.134 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 181551
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.6
127 7.9 6.2 9.4

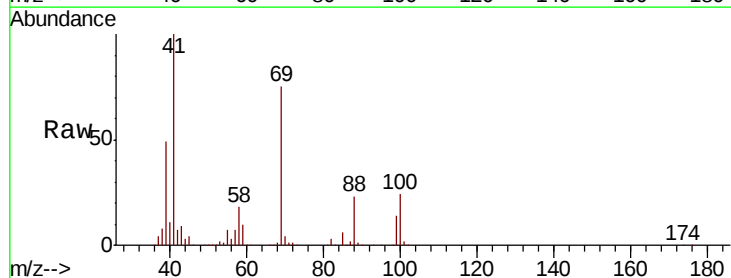


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0
Ion 126.80 (126.50 to 127.50): V

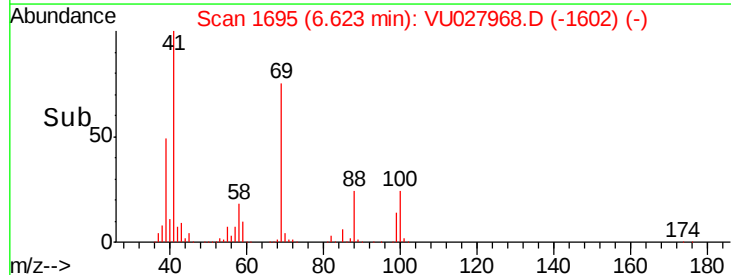
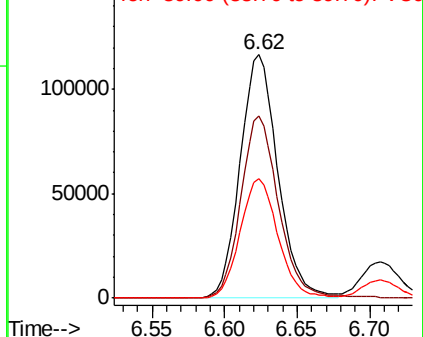


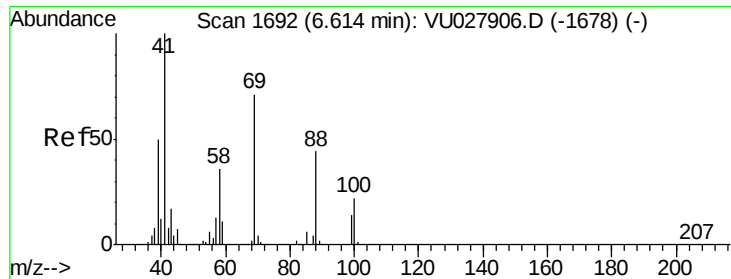
#48
Methyl methacrylate
Concen: 49.361 ug/l
RT: 6.62 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 41 Resp: 210066
Ion Ratio Lower Upper
41 100
69 75.6 59.8 89.8
39 49.1 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

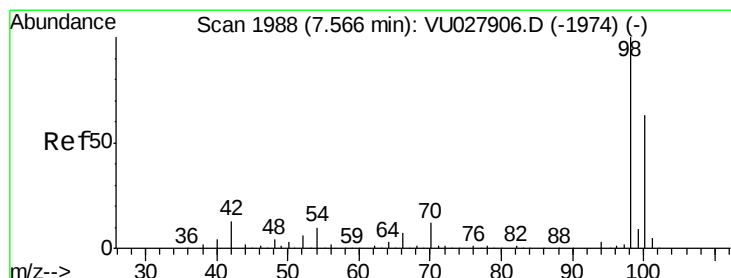
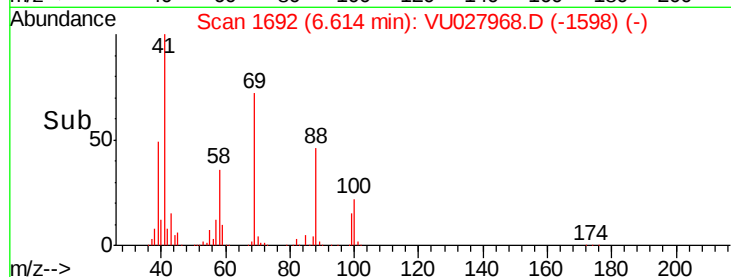
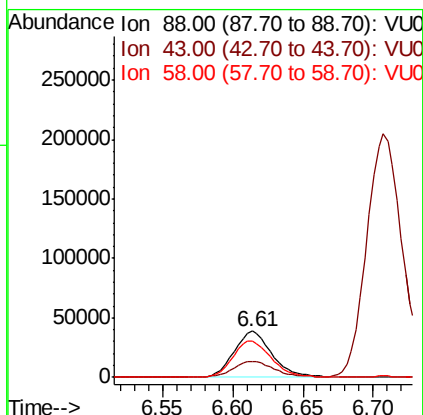
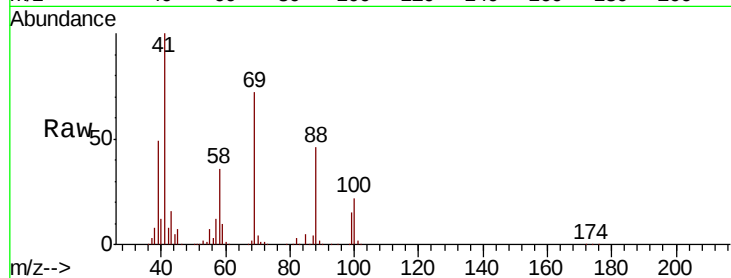




#49
1,4-Dioxane
Concen: 1035.429 ug/l
RT: 6.61 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

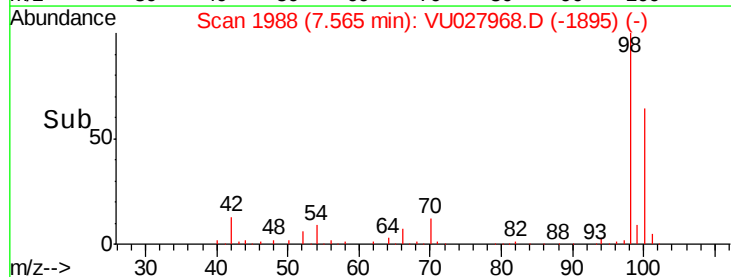
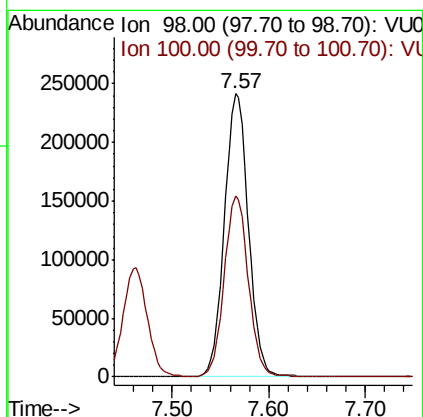
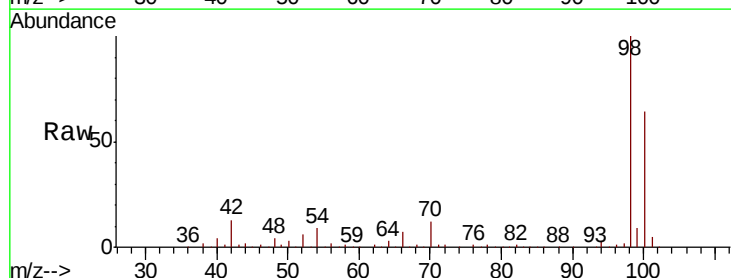
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

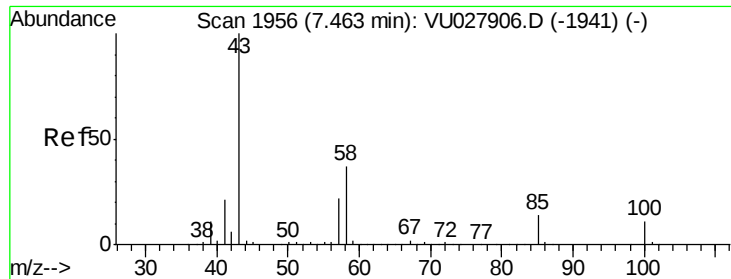
Tot Ion: 88 Resp: 71892
Ion Ratio Lower Upper
88 100
43 35.6 30.5 45.7
58 81.7 67.1 100.7



#50
Toluene-d8
Concen: 47.415 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 98 Resp: 417149
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 241.548 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

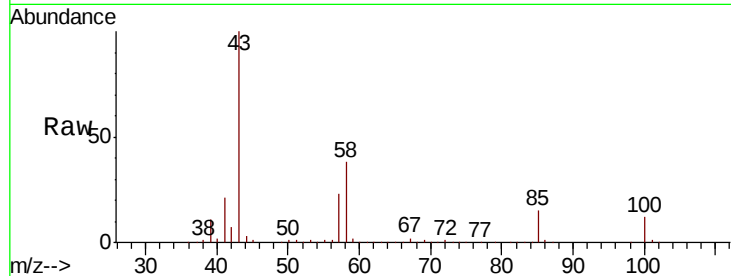
VSTDCCC050EC

Tot Ion: 43 Resp: 1400907

Ion Ratio Lower Upper

43 100

58 37.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

800000

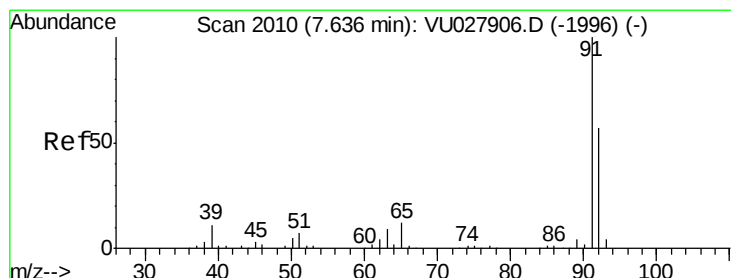
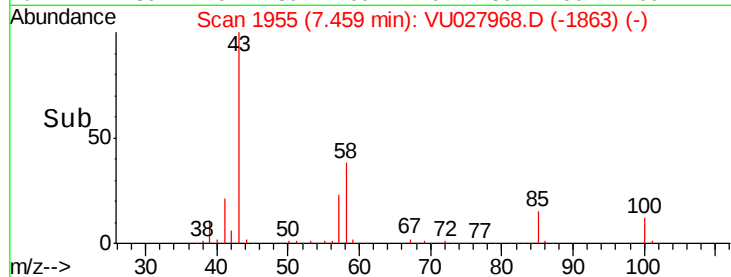
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.556 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027968.D

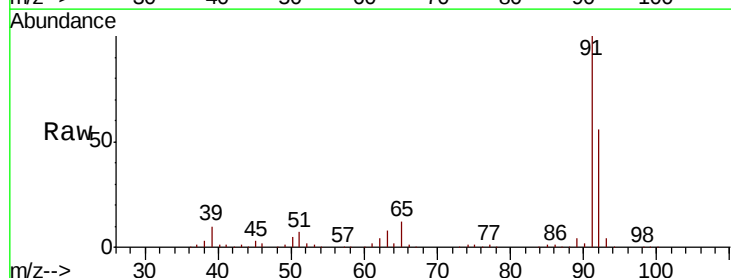
Acq: 05 Nov 2018 19:24

Tgt Ion: 92 Resp: 330174

Ion Ratio Lower Upper

92 100

91 176.7 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

400000

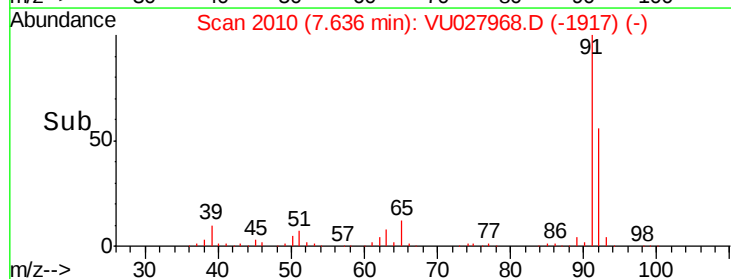
300000

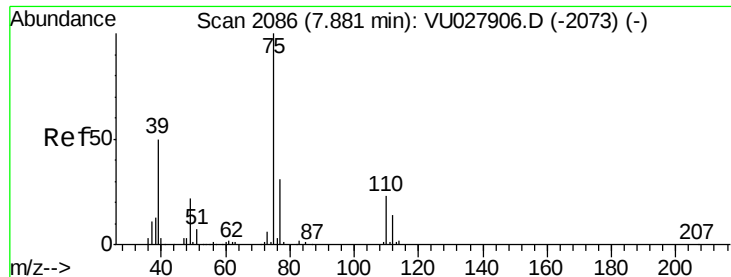
200000

100000

0

Time-->

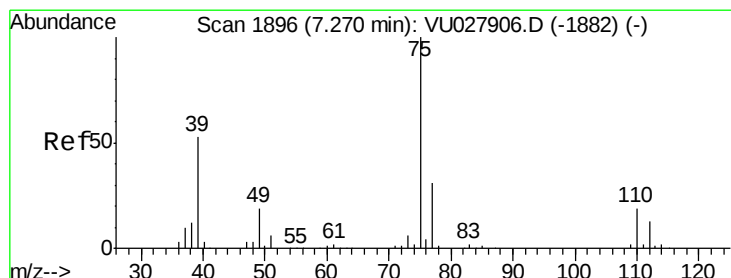
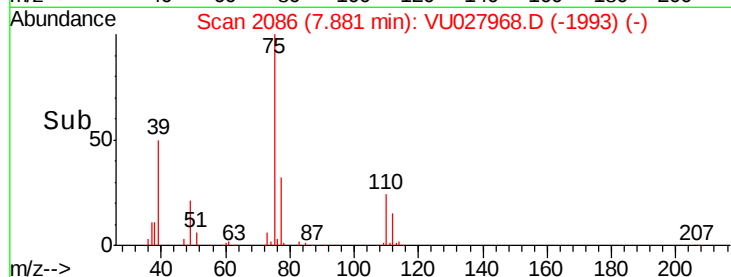
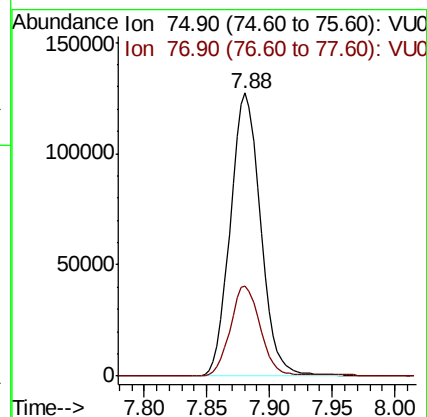
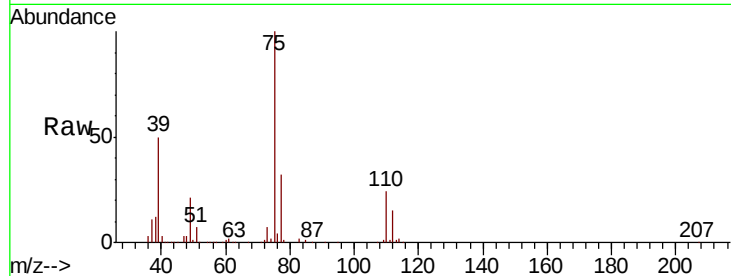




#53
t-1,3-Dichloropropene
Concen: 46.598 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

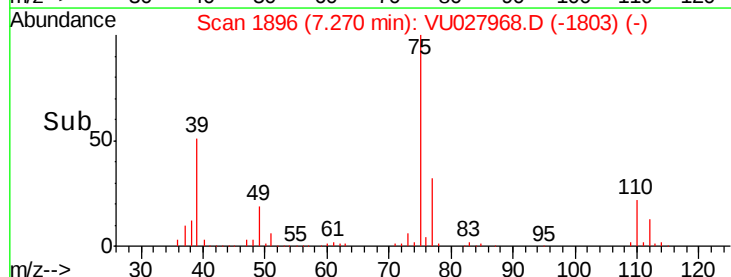
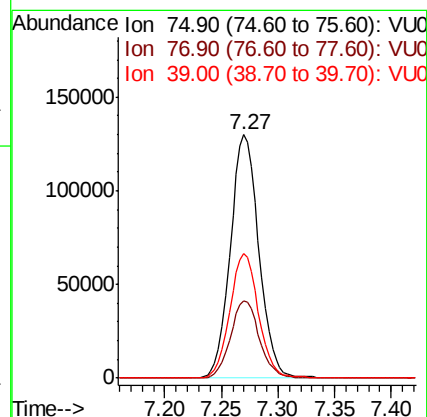
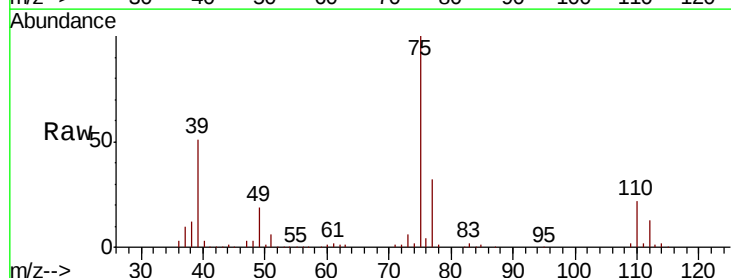
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

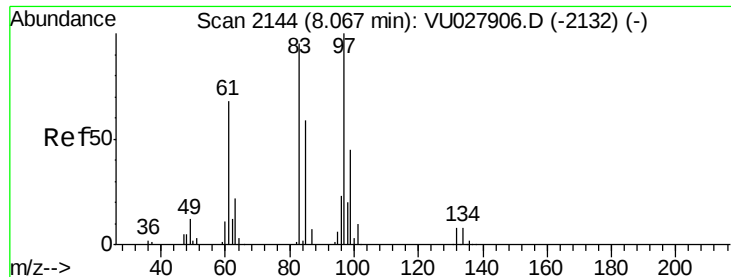
Tot Ion: 75 Resp: 213161
Ion Ratio Lower Upper
75 100
77 32.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.131 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 75 Resp: 228349
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 51.3 42.6 64.0

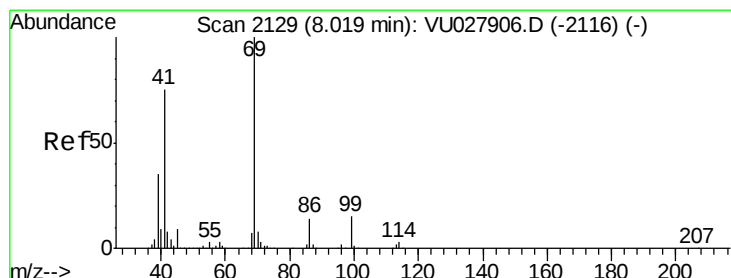
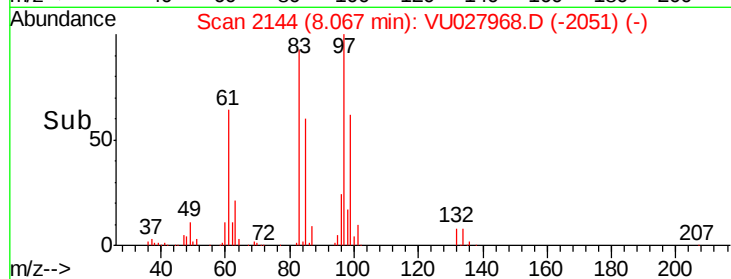
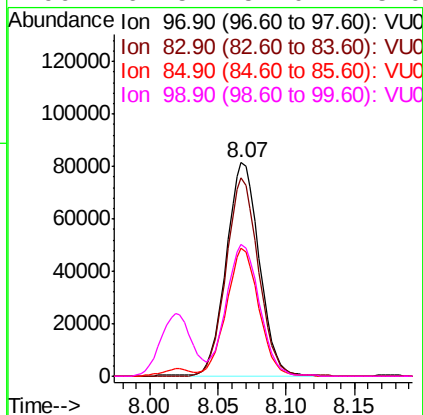
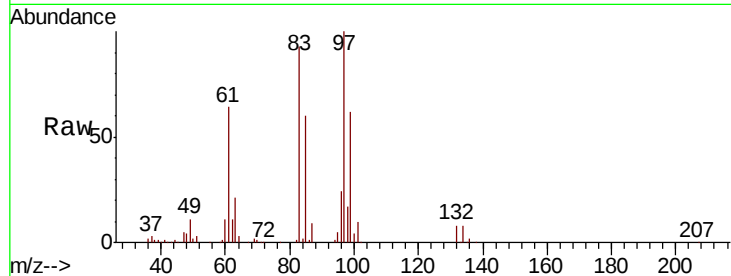




#55
 1,1,2-Trichloroethane
 Concen: 49.458 ug/l
 RT: 8.07 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

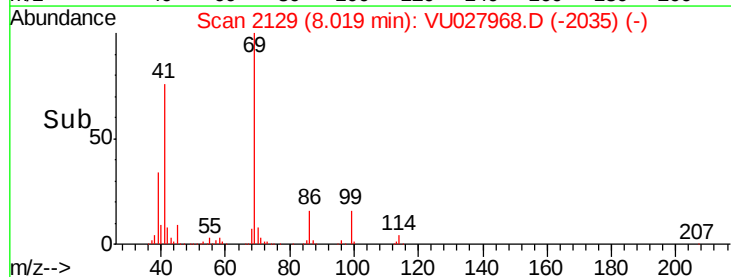
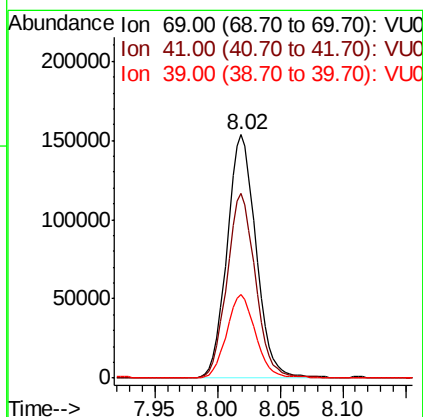
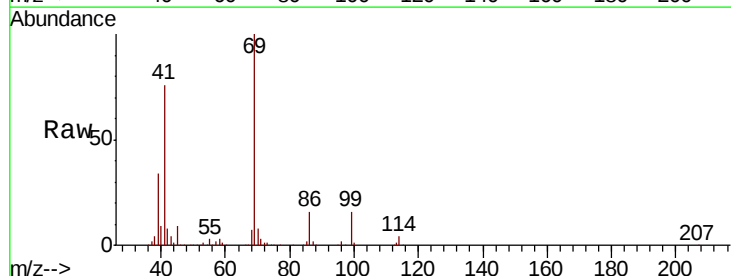
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

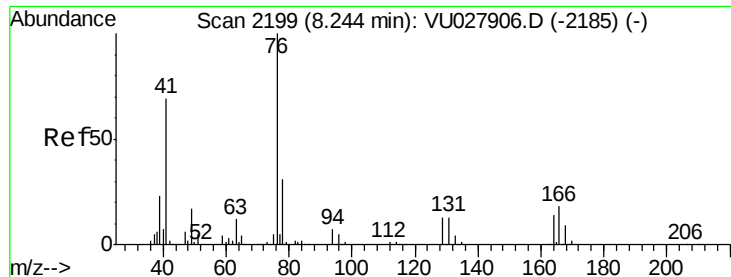
Tot Ion:	97	Resp:	136824
Ion	Ratio	Lower	Upper
97	100		
83	92.8	76.1	114.1
85	59.9	48.9	73.3
99	61.5	52.0	78.0



#56
 Ethyl methacrylate
 Concen: 50.836 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion:	69	Resp:	248010
Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.8	89.6
39	34.0	28.6	42.8

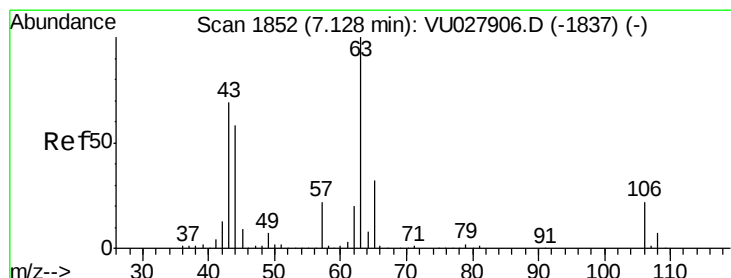
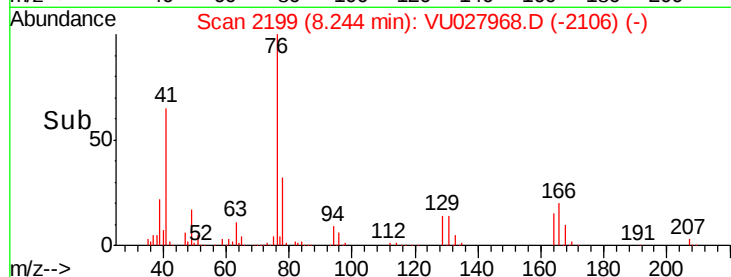
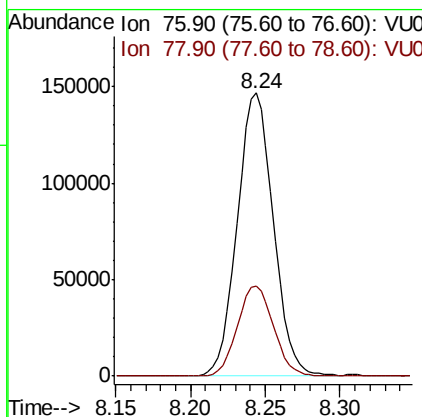
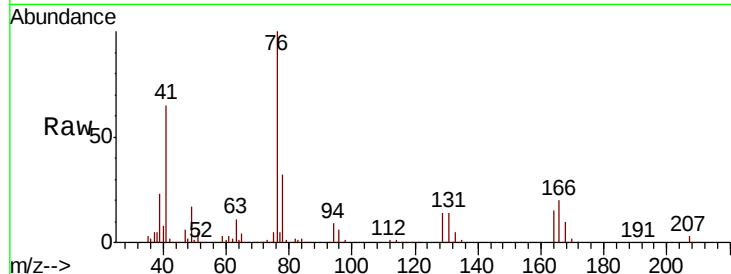




#57
 1,3-Dichloropropane
 Concen: 48.894 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

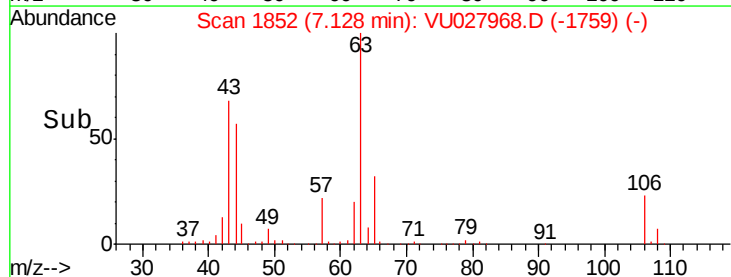
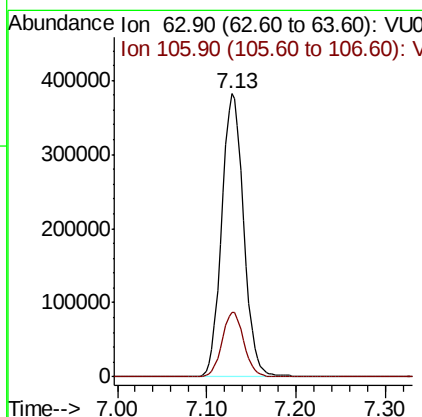
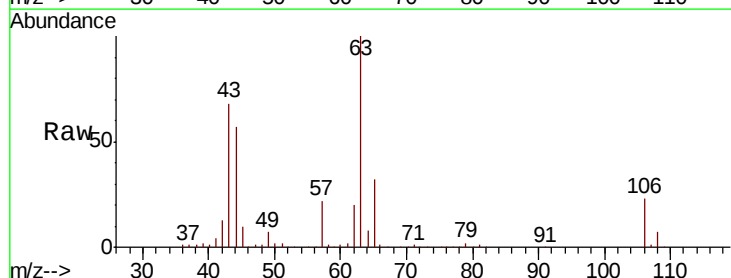
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 246397
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.694 ug/l
 RT: 7.13 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion: 63 Resp: 652418
 Ion Ratio Lower Upper
 63 100
 106 22.7 17.8 26.6

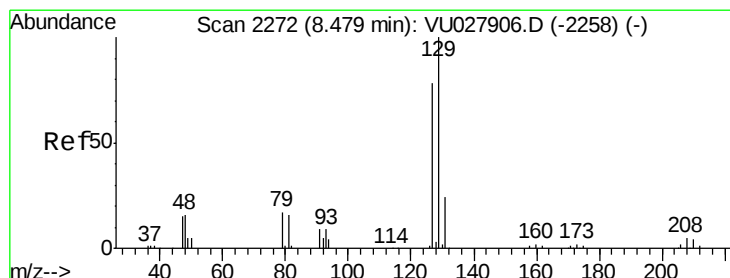
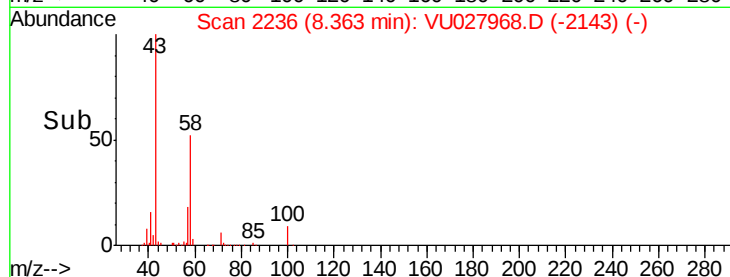
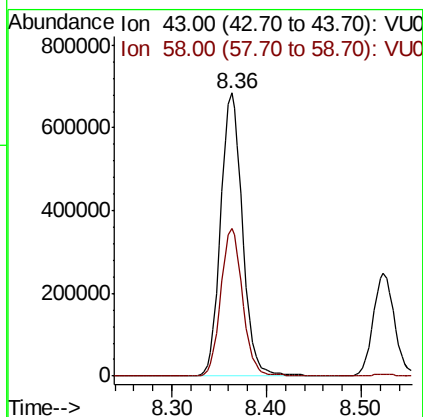
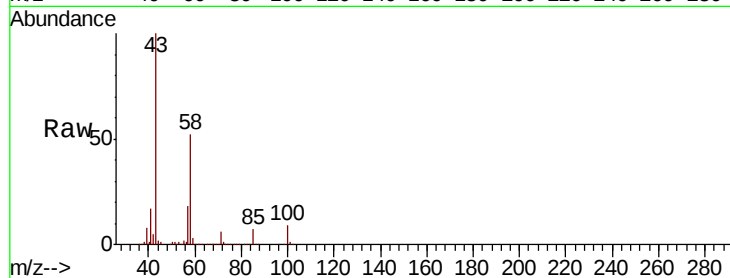




#59
2-Hexanone
Concen: 244.140 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

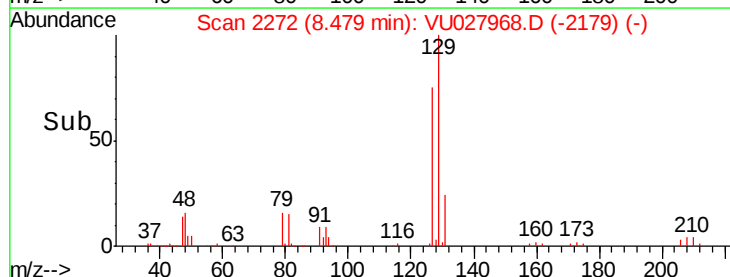
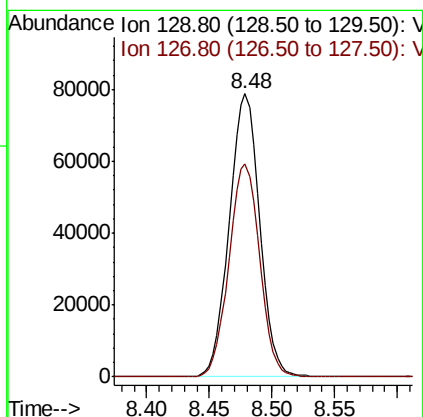
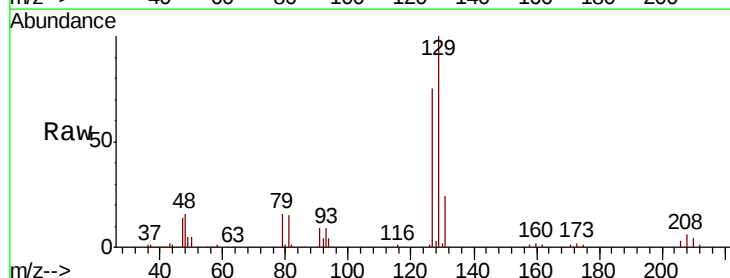
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

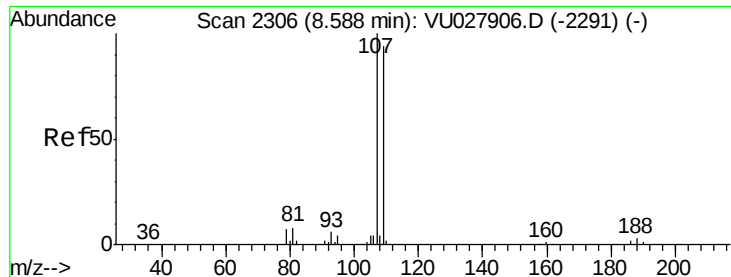
Tot Ion: 43 Resp: 1095133
Ion Ratio Lower Upper
43 100
58 52.2 25.8 77.3



#60
Dibromochloromethane
Concen: 50.691 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 129 Resp: 132702
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6





#61

1,2-Dibromoethane

Concen: 49.715 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

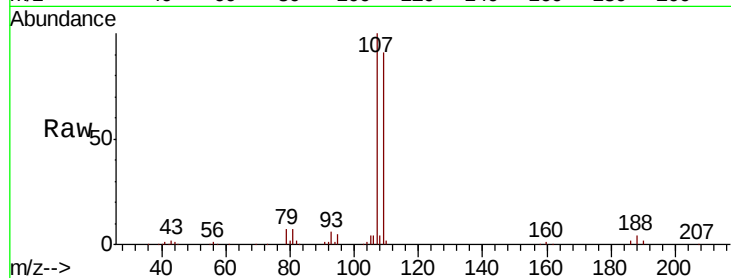
VSTDCCC050EC

Tot Ion:107 Resp: 146140

Ion Ratio Lower Upper

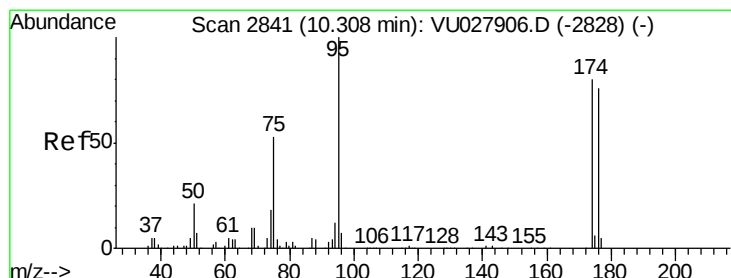
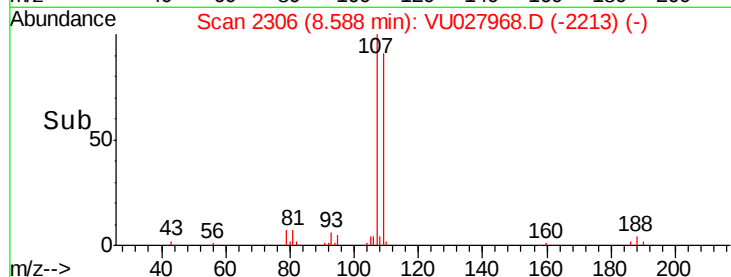
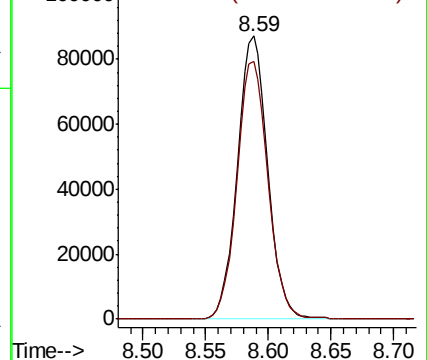
107 100

109 93.5 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: 48.839 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

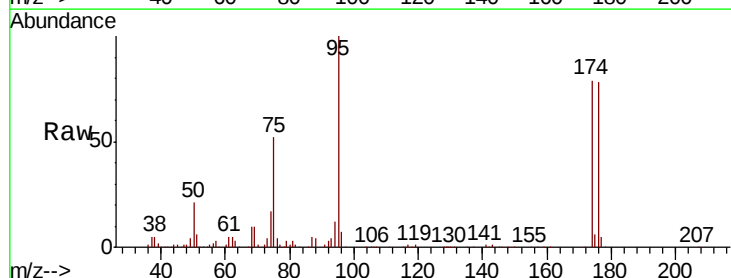
Tgt Ion: 95 Resp: 158483

Ion Ratio Lower Upper

95 100

174 77.7 0.0 156.4

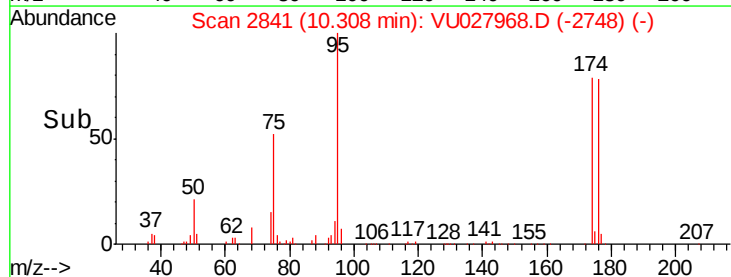
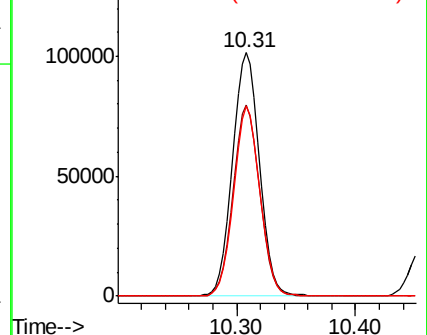
176 76.2 0.0 150.8

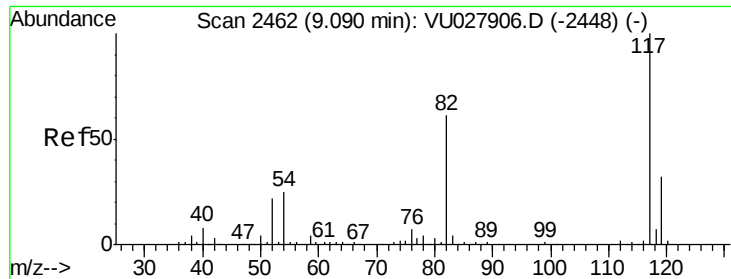


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

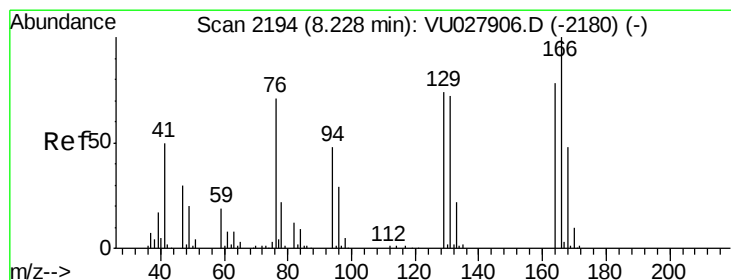
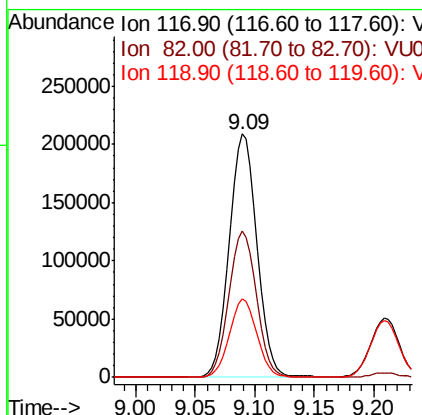
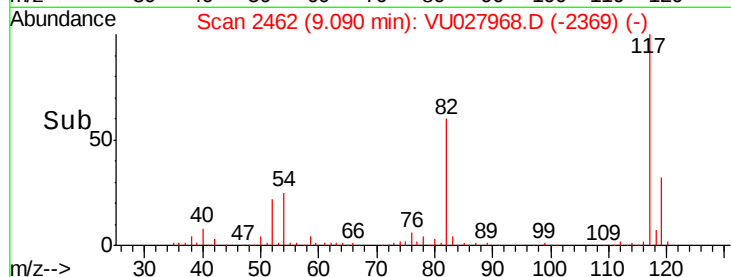
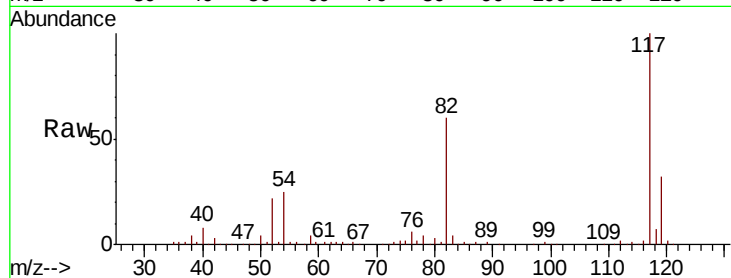




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

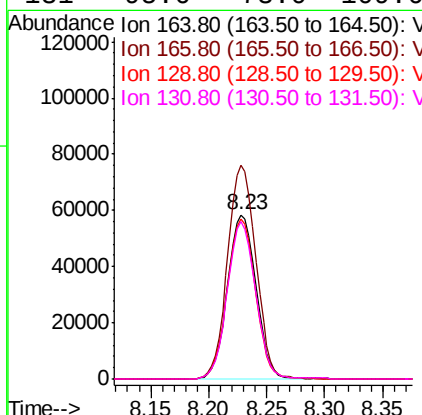
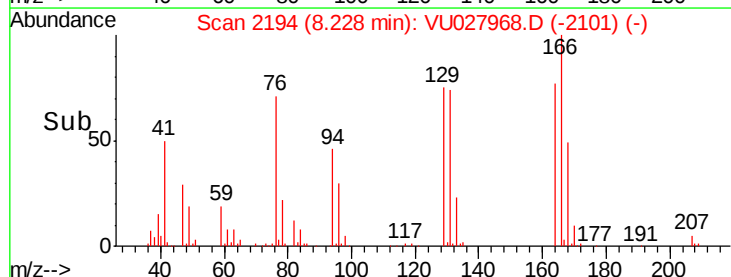
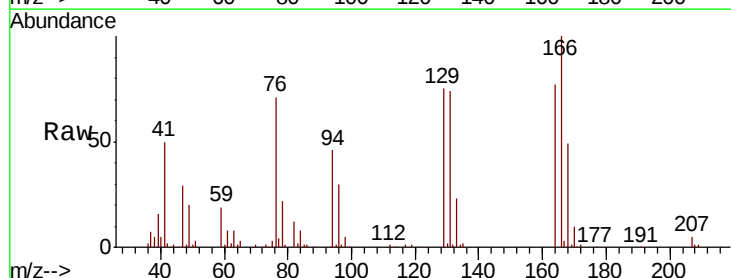
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

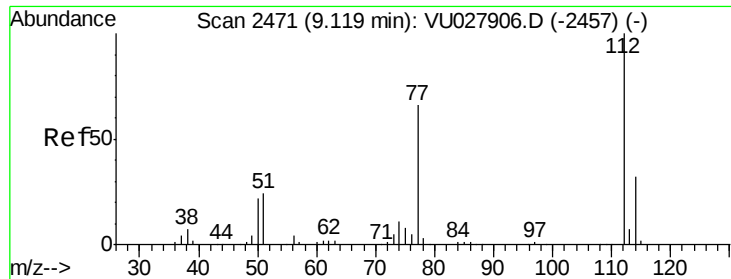
Tot Ion:117 Resp: 337969
Ion Ratio Lower Upper
117 100
82 59.9 48.6 73.0
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 45.604 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion:164 Resp: 99940
Ion Ratio Lower Upper
164 100
166 130.0 102.1 153.1
129 97.3 75.9 113.9
131 95.6 73.0 109.6

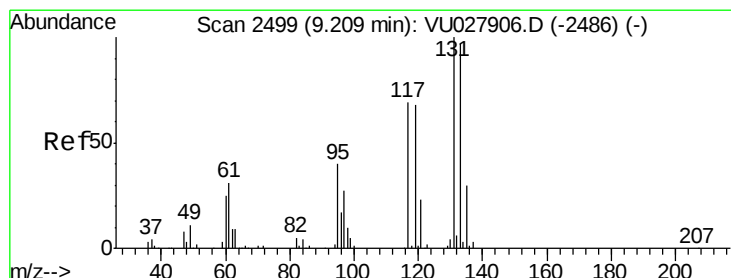
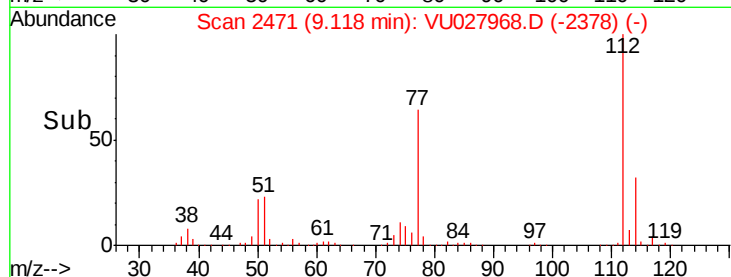
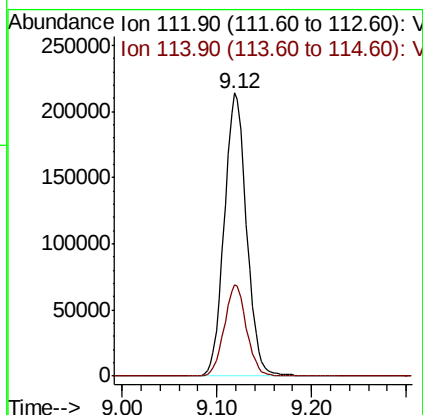
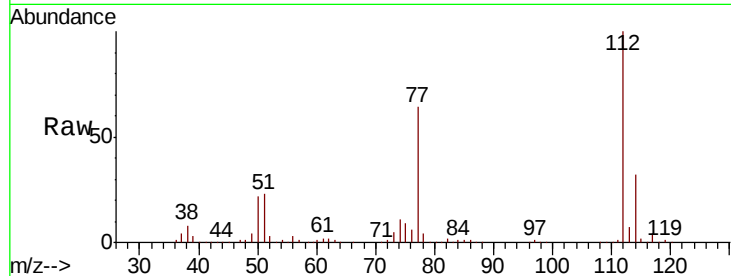




#65
Chlorobenzene
Concen: 49.094 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

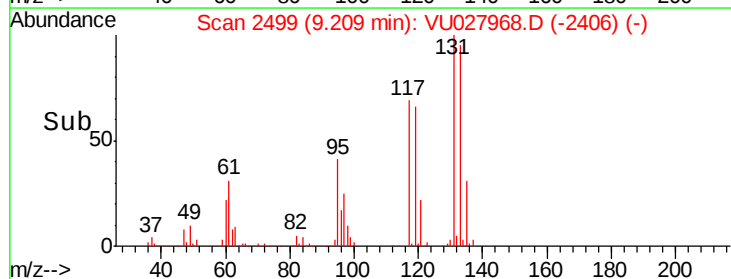
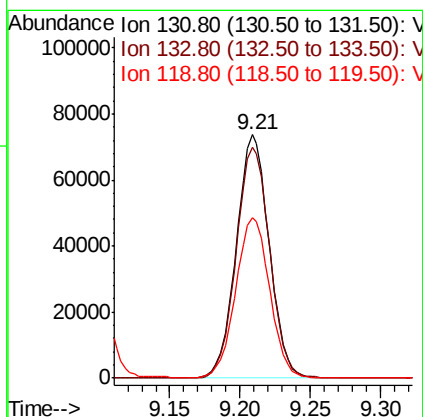
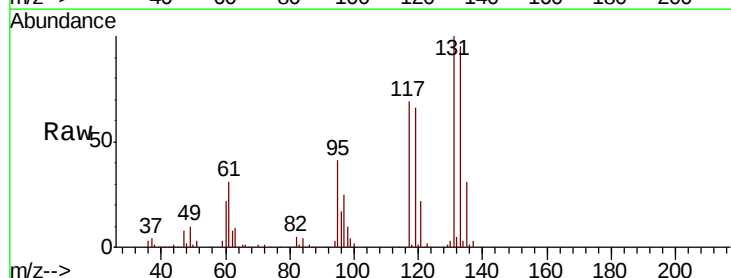
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

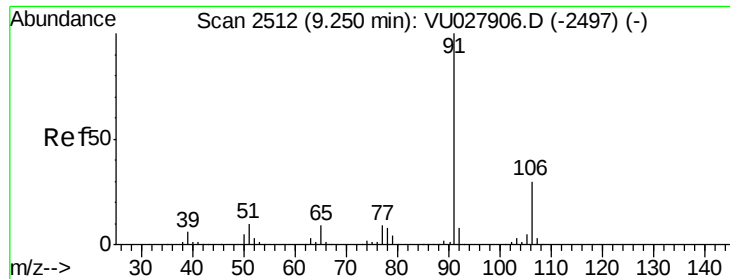
Tot Ion:112 Resp: 350553
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.340 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion:131 Resp: 120337
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.4
119 68.4 34.0 101.8

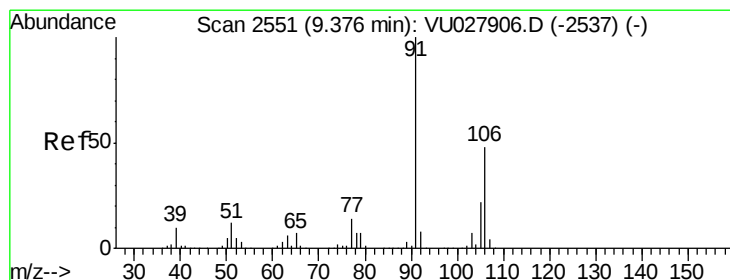
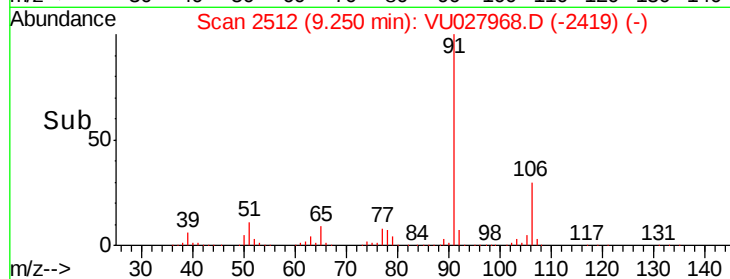
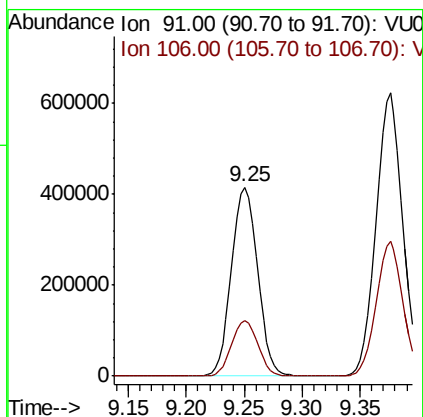
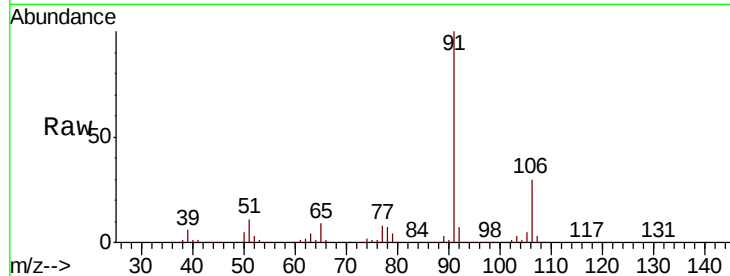




#67
Ethyl Benzene
Concen: 49.792 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

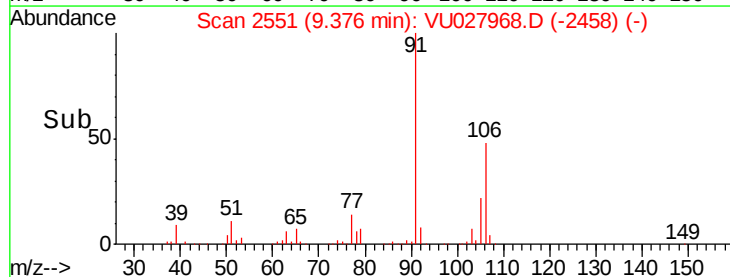
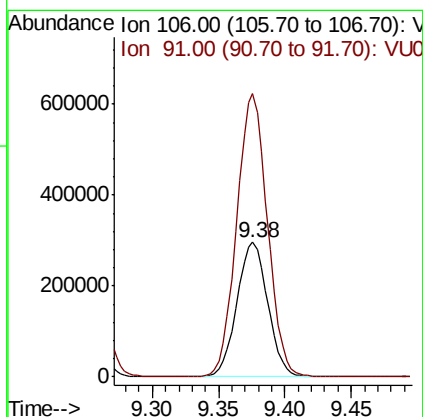
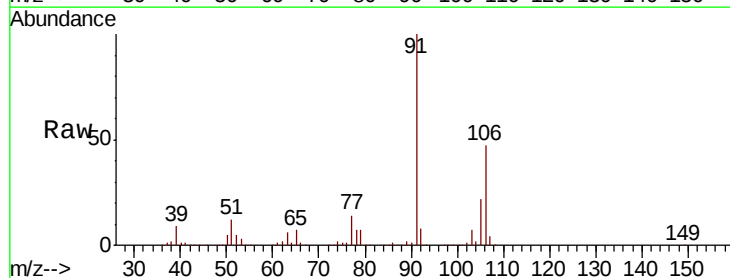
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

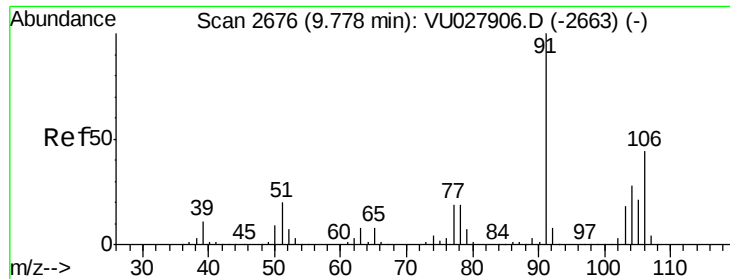
Tot Ion: 91 Resp: 654426
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 100.031 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 106 Resp: 477035
Ion Ratio Lower Upper
106 100
91 210.5 168.2 252.4

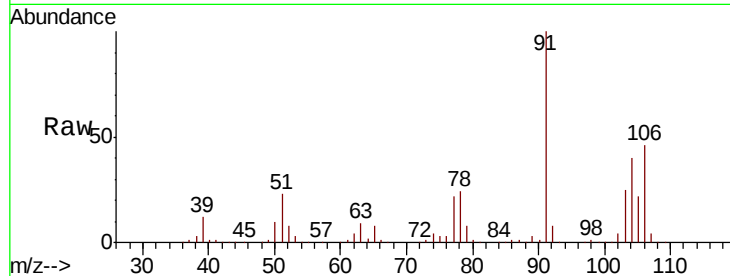




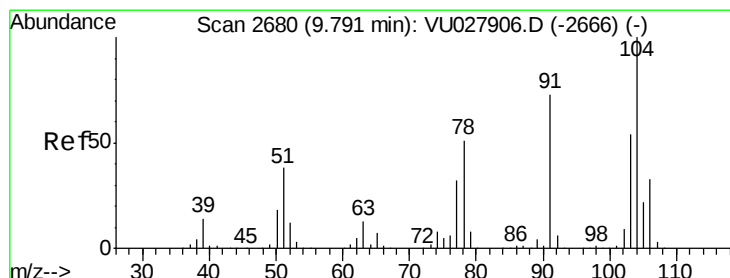
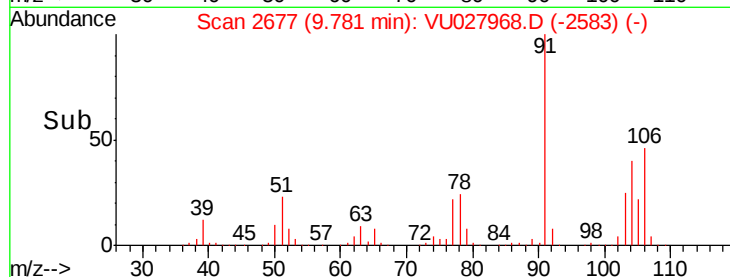
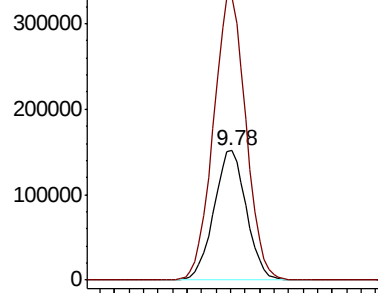
#69
o-Xylene
Concen: 48.842 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 235198
Ion Ratio Lower Upper
106 100
91 220.9 111.1 333.4

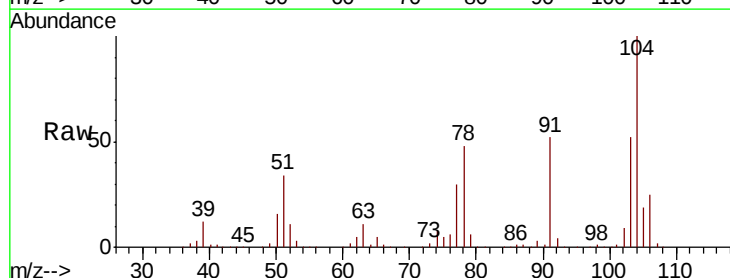


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

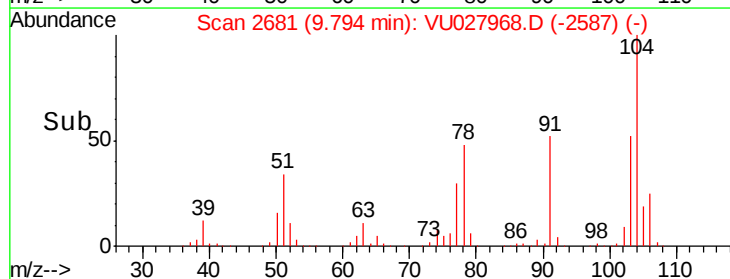
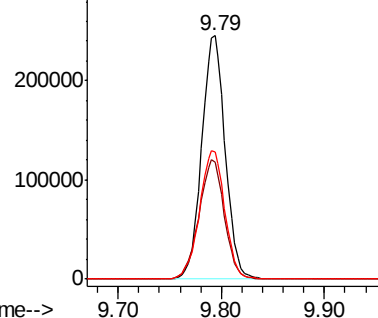


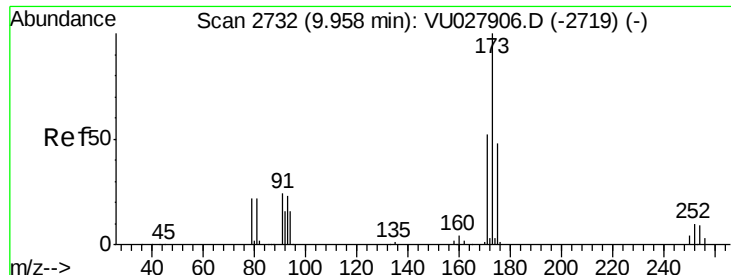
#70
Styrene
Concen: 50.790 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion:104 Resp: 390797
Ion Ratio Lower Upper
104 100
78 53.0 43.0 64.4
103 56.5 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: 49.691 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

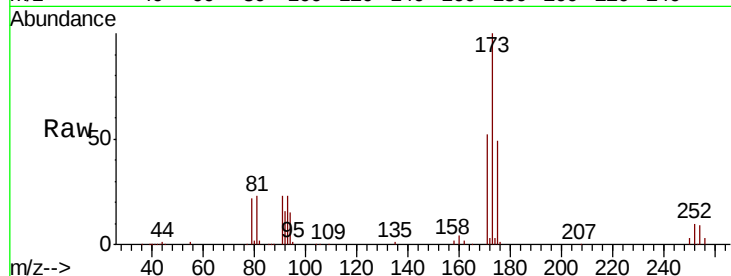
Tot Ion:173 Resp: 101568

Ion Ratio Lower Upper

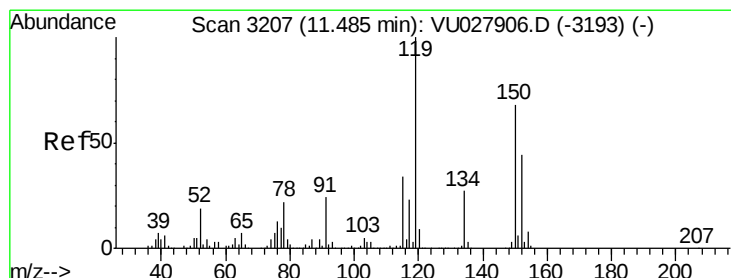
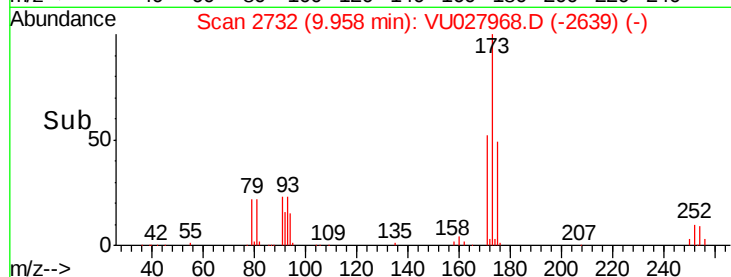
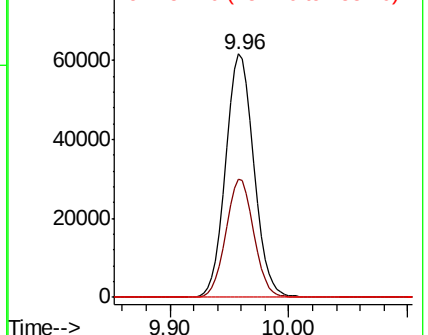
173 100

175 48.0 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: VU027968.D

Acq: 05 Nov 2018 19:24

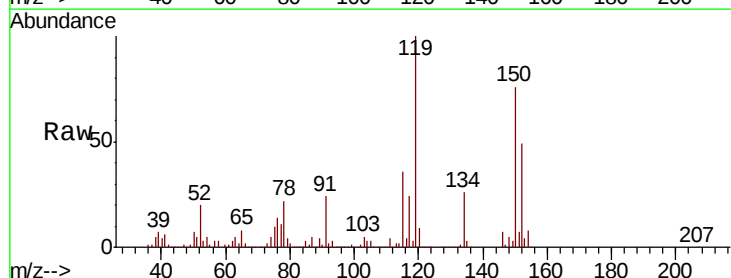
Tgt Ion:152 Resp: 170611

Ion Ratio Lower Upper

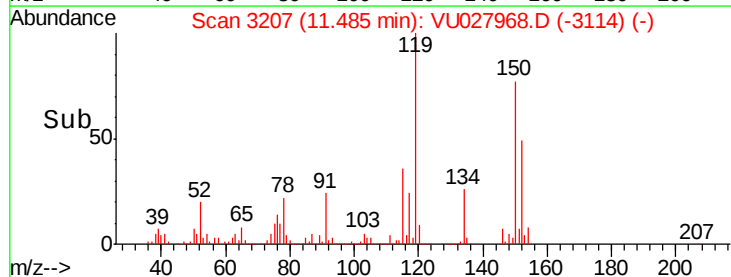
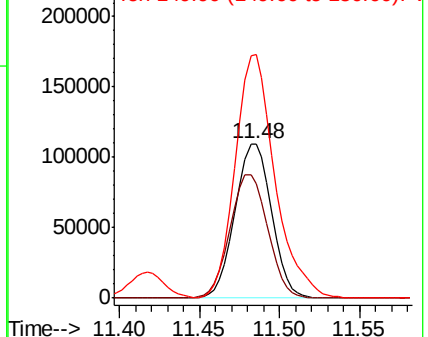
152 100

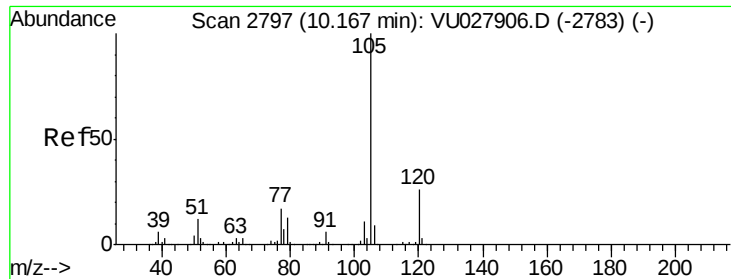
115 82.5 43.0 129.0

150 170.9 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: 47.159 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

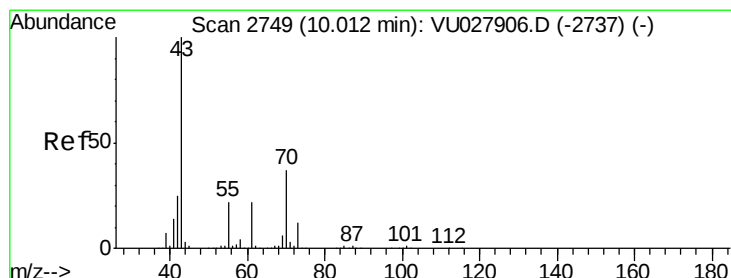
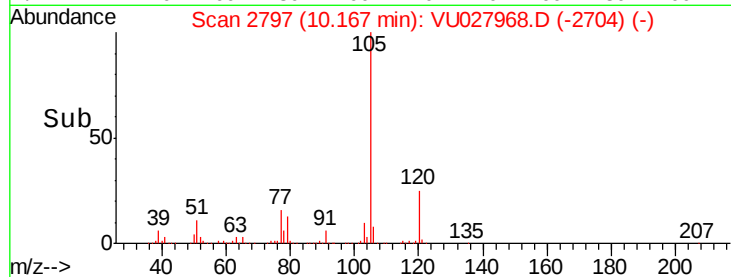
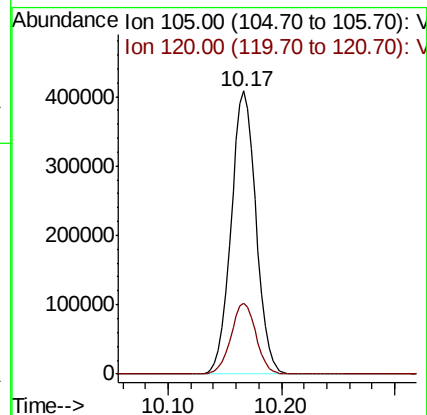
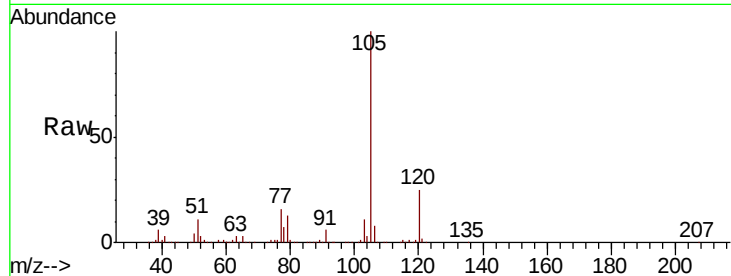
VSTDCCC050EC

Tot Ion:105 Resp: 623303

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



#74

N-ethyl acetate

Concen: 49.488 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Tgt Ion: 43 Resp: 395511

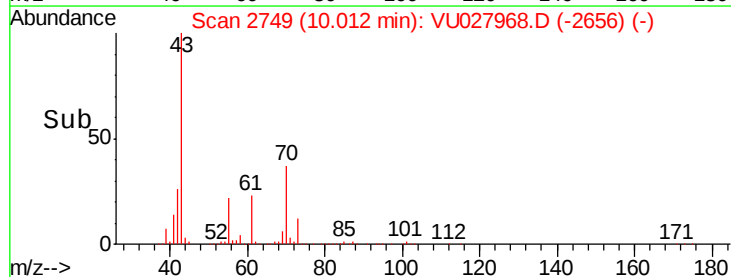
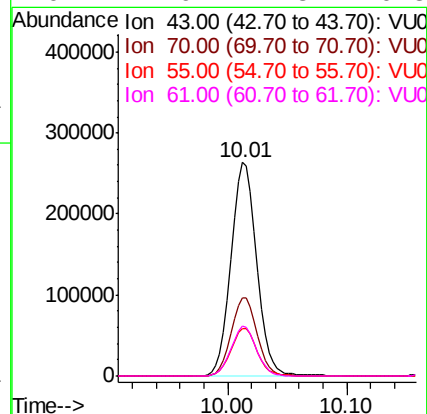
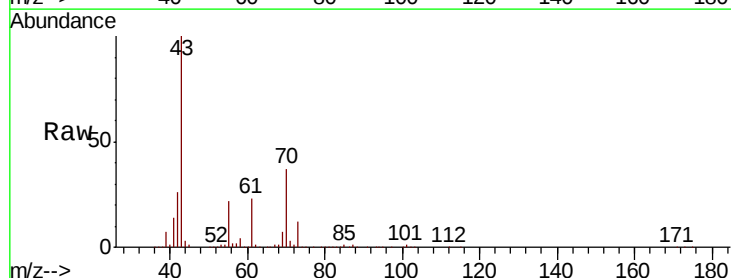
Ion Ratio Lower Upper

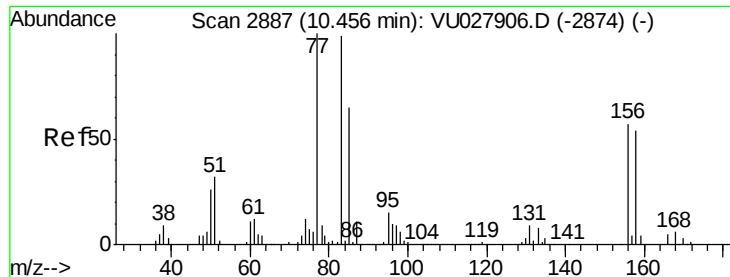
43 100

70 36.8 29.2 43.8

55 22.4 17.8 26.6

61 22.9 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.191 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

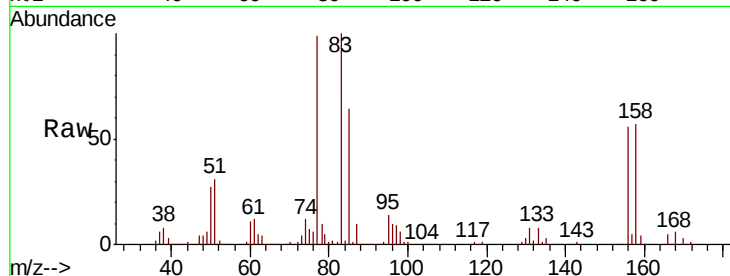
Tot Ion: 83 Resp: 251590

Ion Ratio Lower Upper

83 100

131 8.1 4.3 13.1

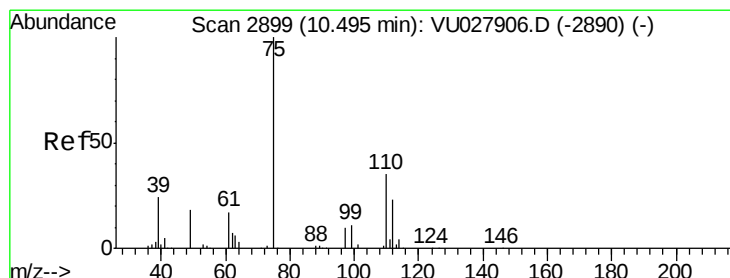
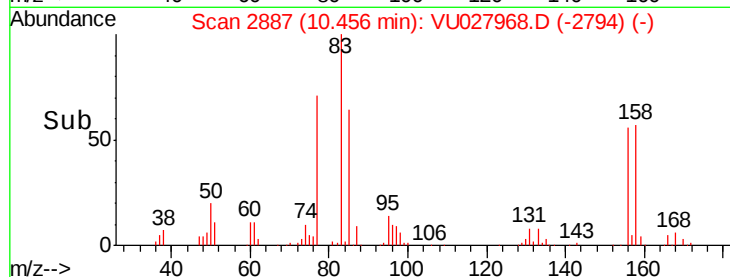
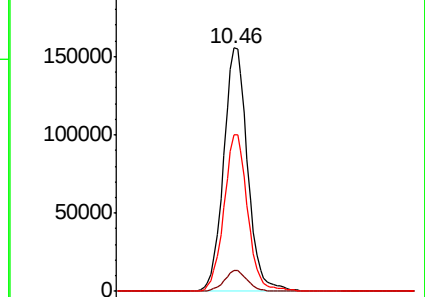
85 63.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027968.D (-2874) (-)

Ion 130.80 (130.50 to 131.50): VU027968.D (-2874) (-)

Ion 84.90 (84.60 to 85.60): VU027968.D (-2874) (-)



#76

1,2,3-Trichloropropane

Concen: 62.812 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027968.D

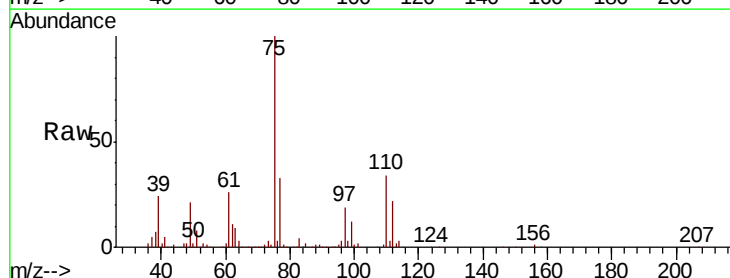
Acq: 05 Nov 2018 19:24

Tgt Ion: 75 Resp: 293127

Ion Ratio Lower Upper

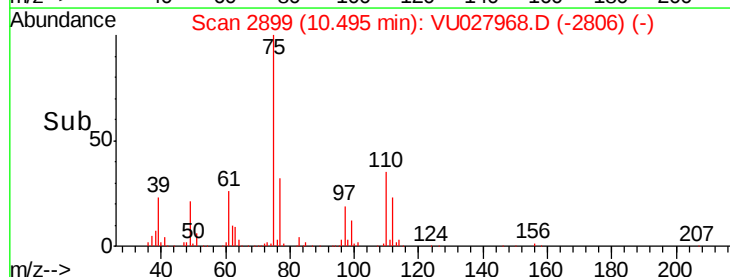
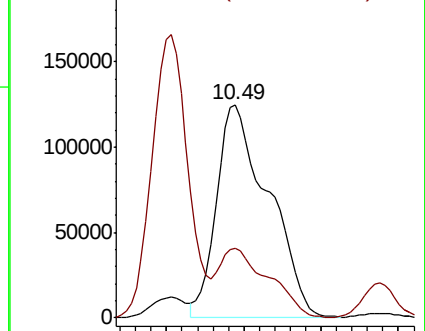
75 100

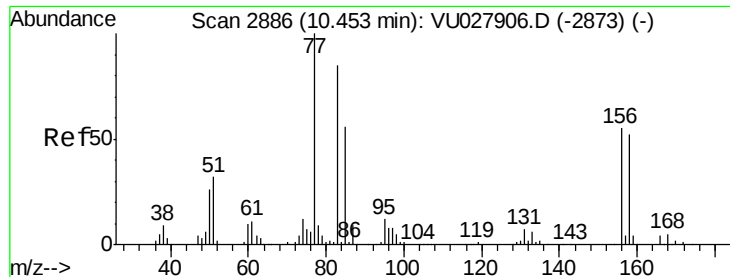
77 31.3 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027968.D (-2890) (-)

Ion 77.00 (76.70 to 77.70): VU027968.D (-2890) (-)





#77

Bromobenzene

Concen: 49.063 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

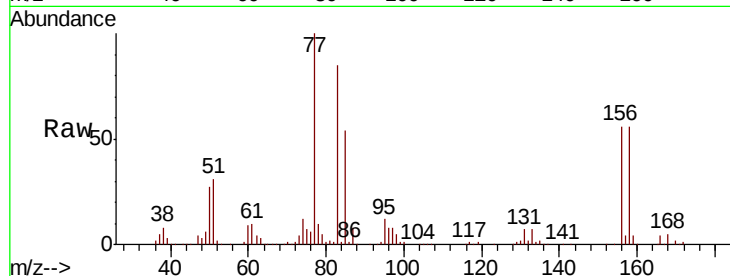
Tot Ion:156 Resp: 148696

Ion Ratio Lower Upper

156 100

77 181.2 91.8 275.6

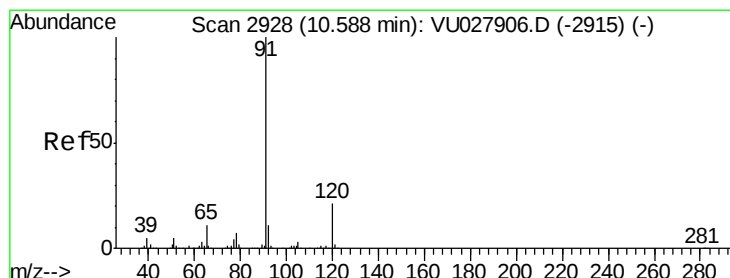
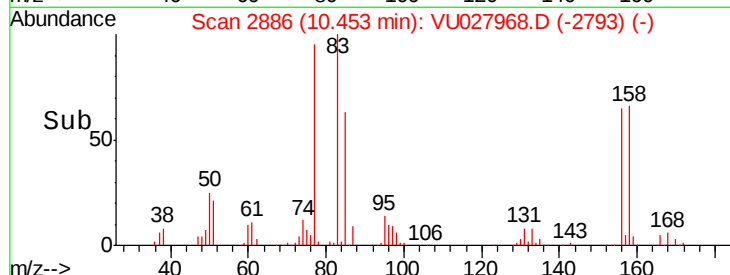
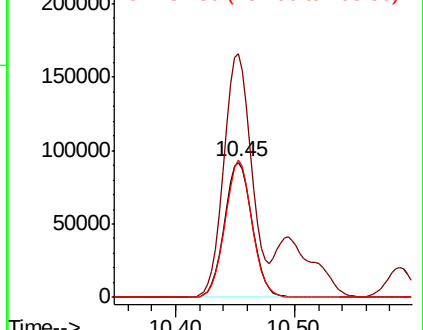
158 98.3 48.4 145.2



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: 48.468 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027968.D

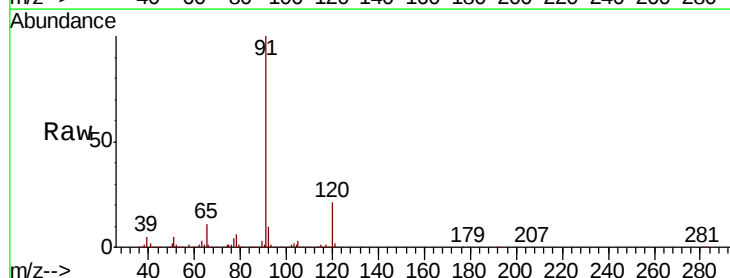
Acq: 05 Nov 2018 19:24

Tgt Ion: 91 Resp: 766794

Ion Ratio Lower Upper

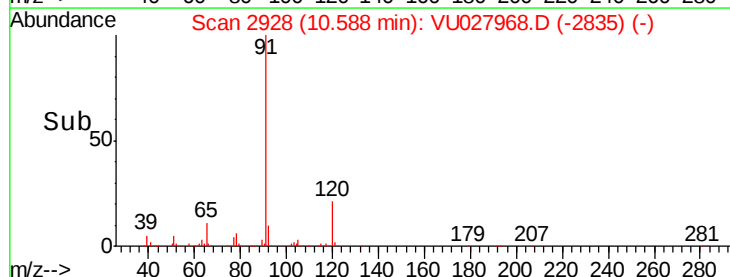
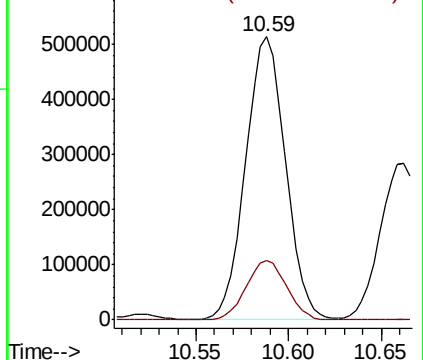
91 100

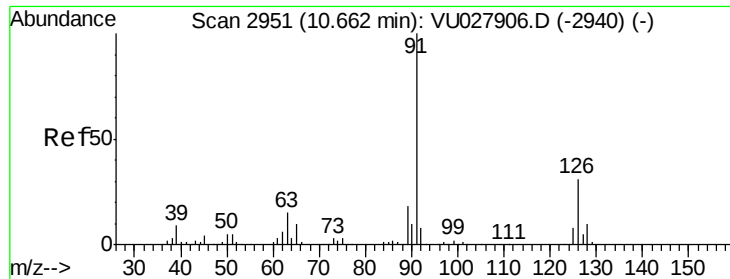
120 21.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.064 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

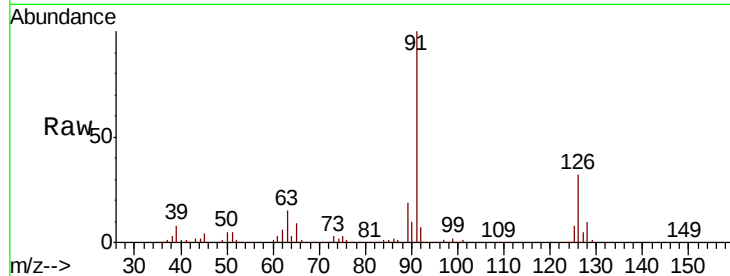
VSTDCCC050EC

Tot Ion: 91 Resp: 446306

Ion Ratio Lower Upper

91 100

126 31.7 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VU027968.D (-2858) (-)

Ion 125.90 (125.60 to 126.60): VU027968.D (-2858) (-)

600000

500000

400000

300000

200000

100000

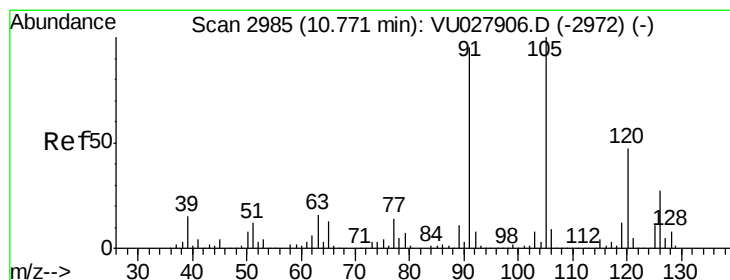
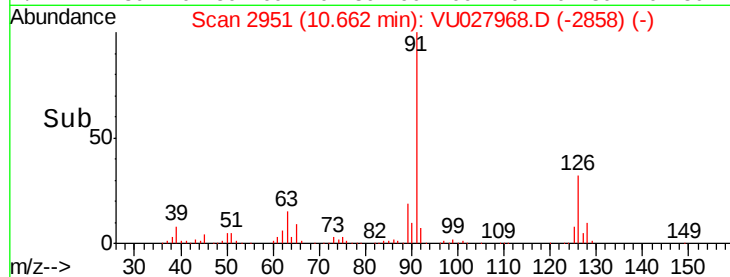
0

10.60

10.65

10.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.649 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. -0.00 min

Lab File: VU027968.D

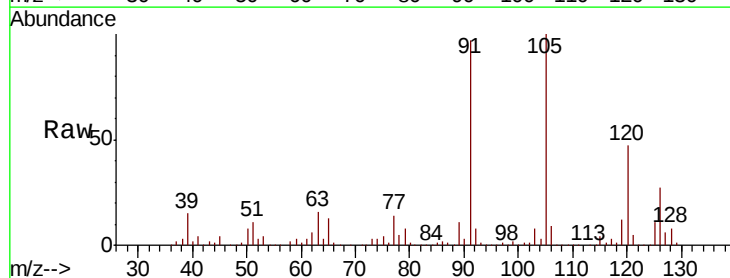
Acq: 05 Nov 2018 19:24

Tgt Ion: 105 Resp: 521708

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VU027968.D (-2892) (-)

Ion 120.00 (119.70 to 120.70): VU027968.D (-2892) (-)

400000

300000

200000

100000

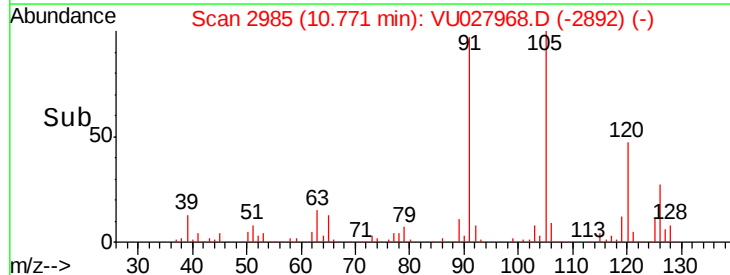
0

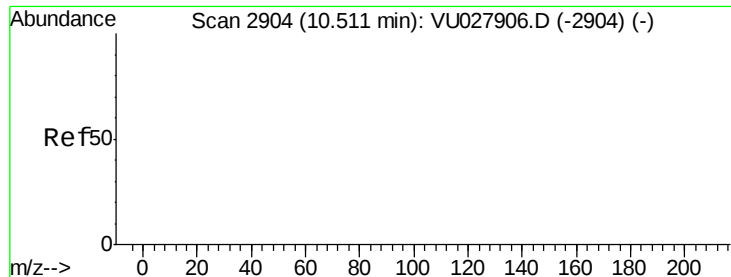
10.70

10.75

10.80

Time-->

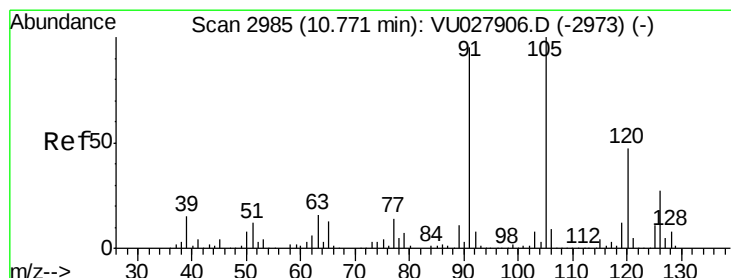
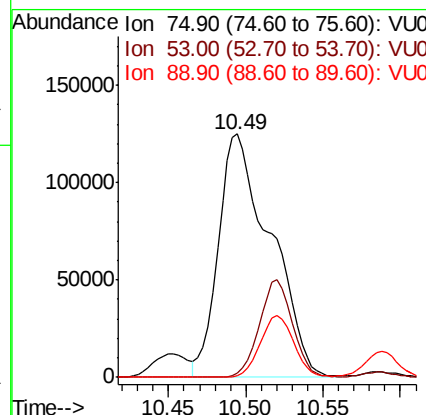
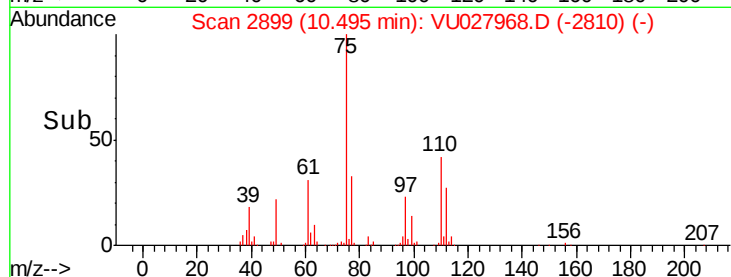
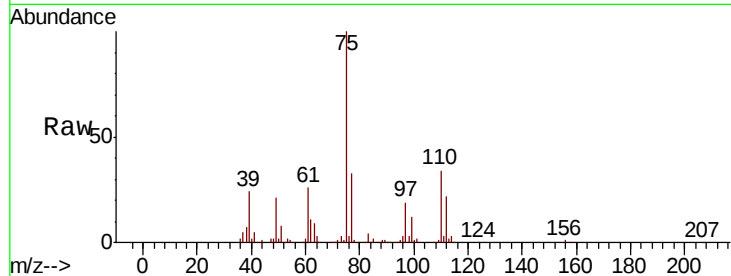




#81
trans-1,4-Dichloro-2-butene
Concen: 156.268 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

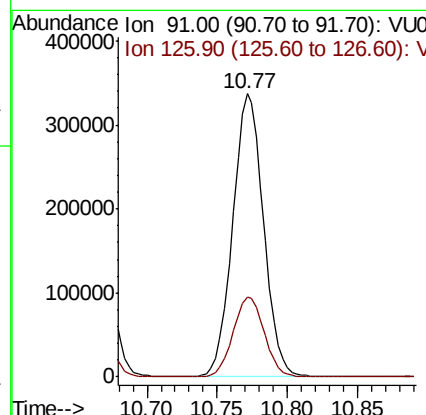
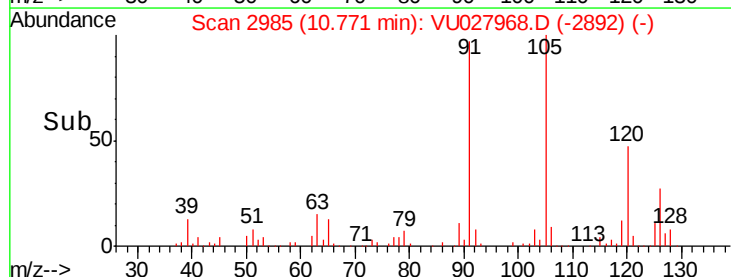
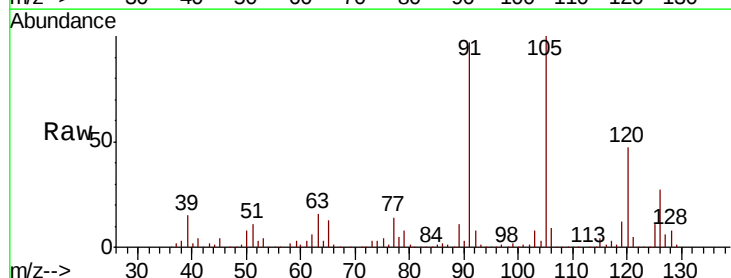
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 293127
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 47.529 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 91 Resp: 511684
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

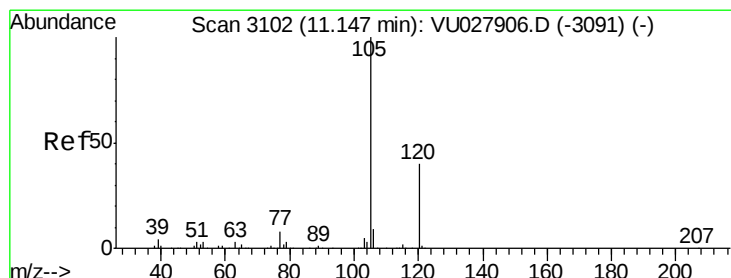
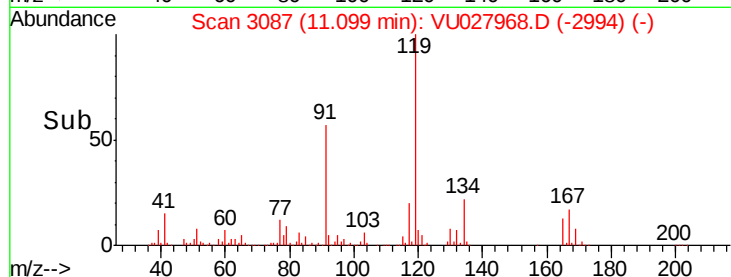
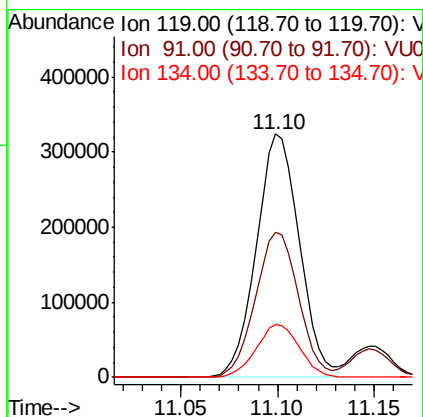
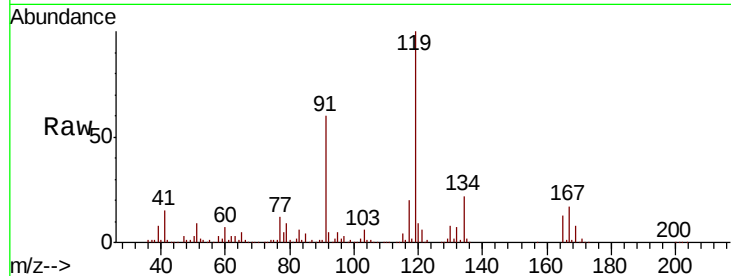




#83
 tert-Butylbenzene
 Concen: 45.873 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

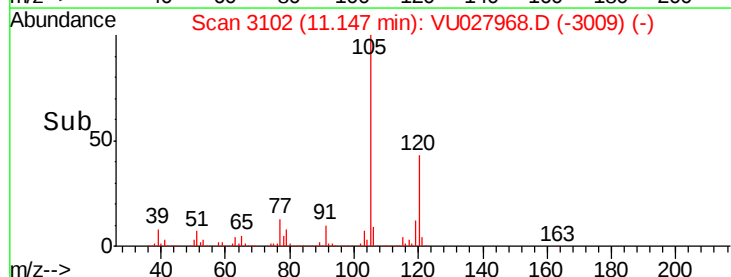
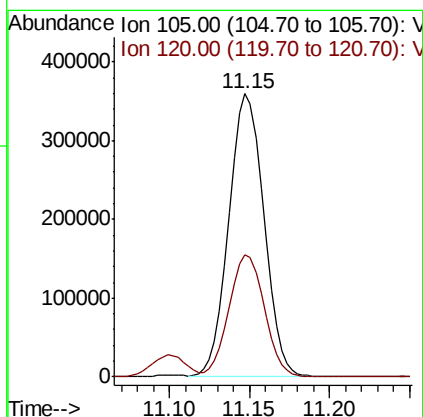
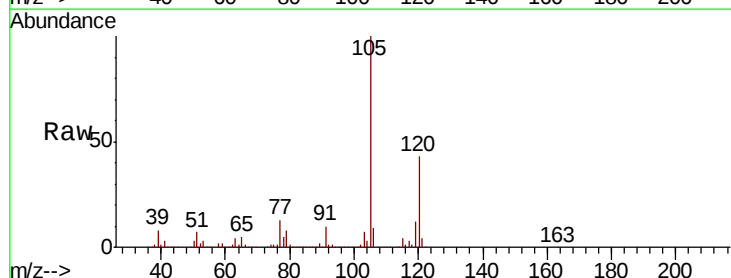
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

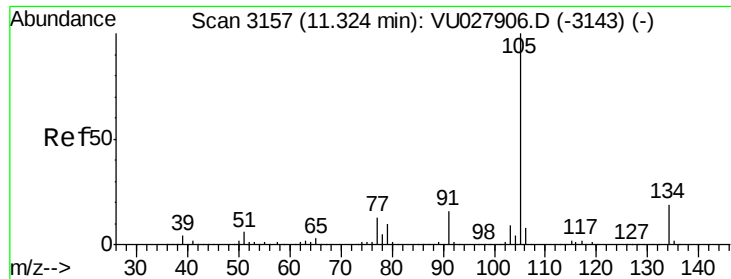
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	29.8	89.3
134	21.8	11.1	33.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.684 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1

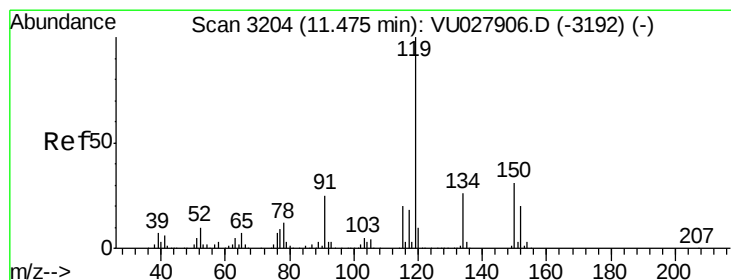
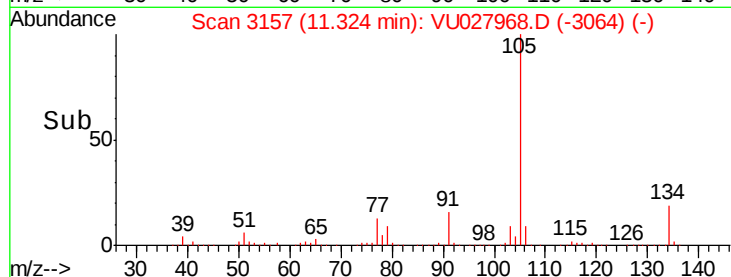
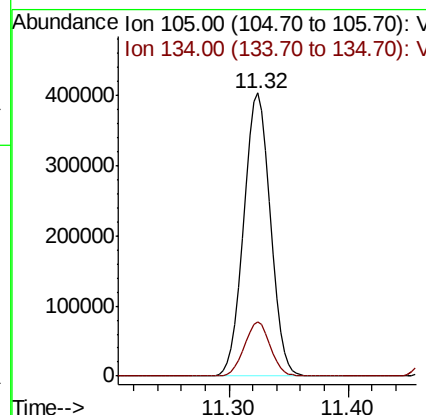
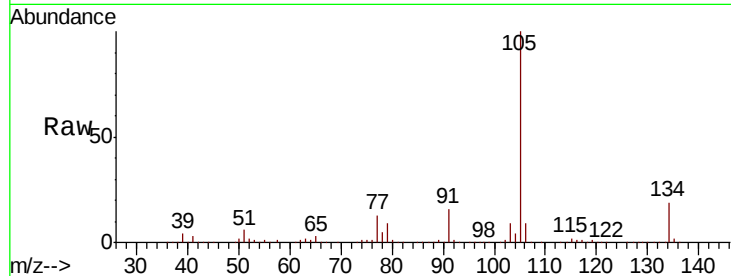




#85
 sec-Butylbenzene
 Concen: 46.850 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

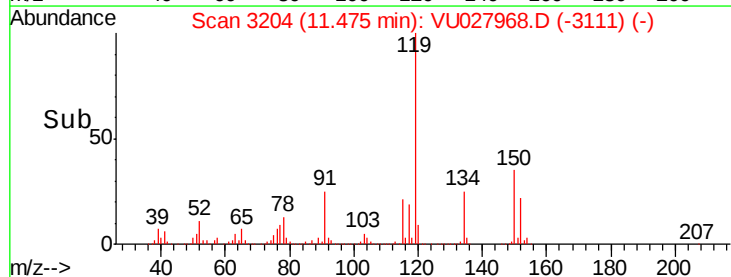
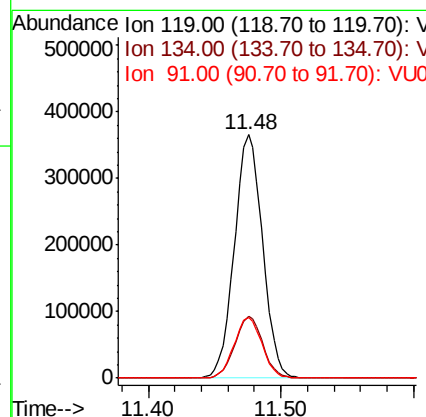
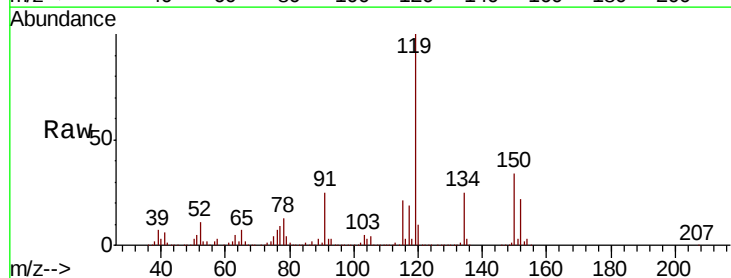
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

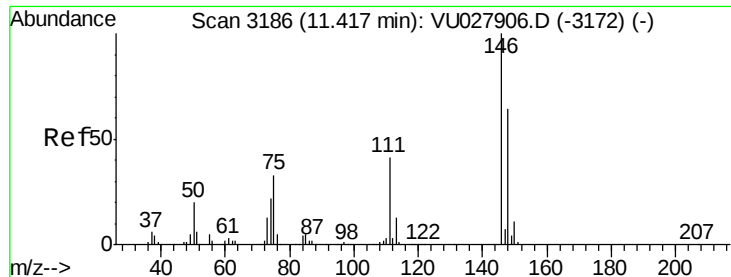
Tot Ion:105 Resp: 623655
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.2 27.6



#86
 p-Isopropyltoluene
 Concen: 48.346 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion:119 Resp: 538006
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.158 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

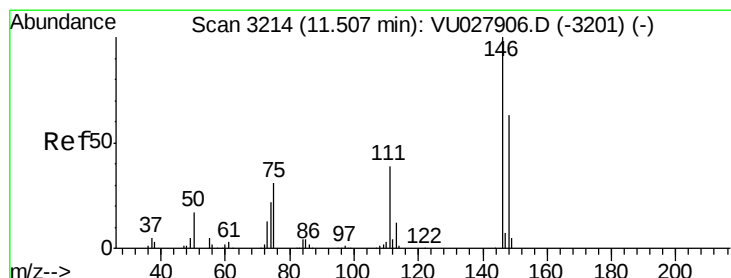
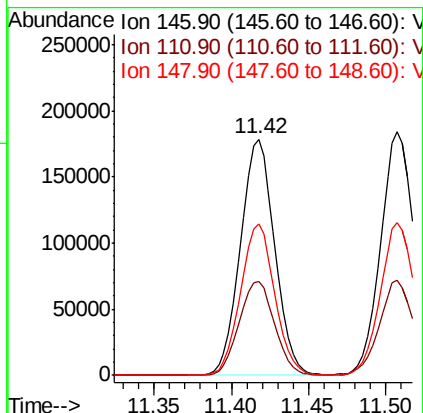
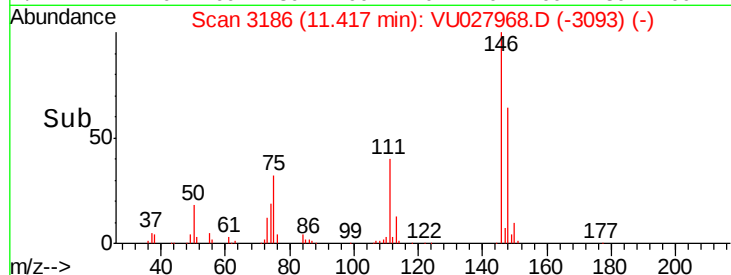
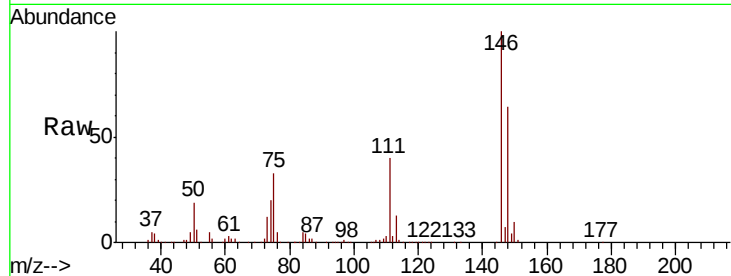
Tot Ion:146 Resp: 275211

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

148 63.9 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.825 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

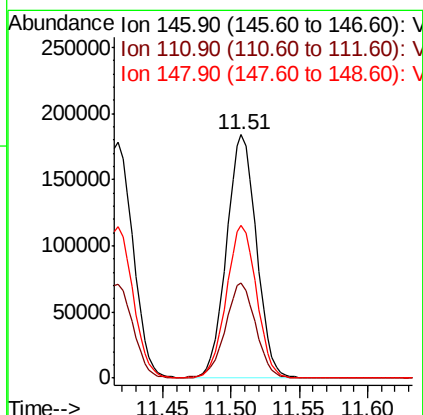
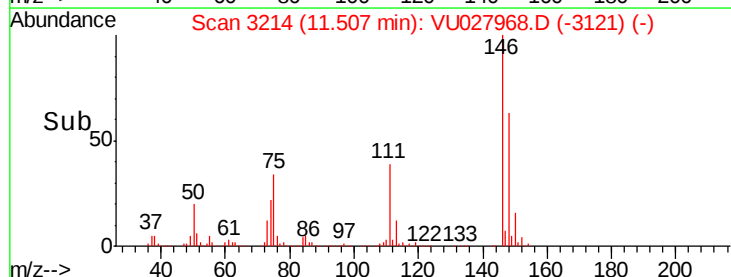
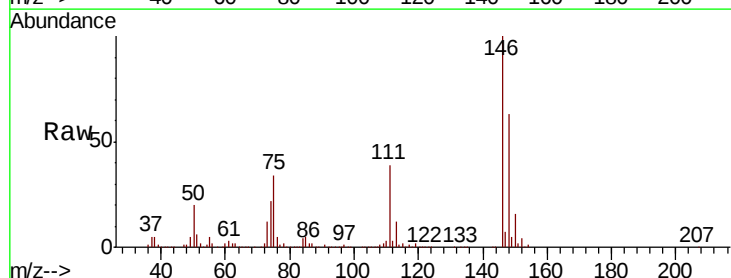
Tgt Ion:146 Resp: 280175

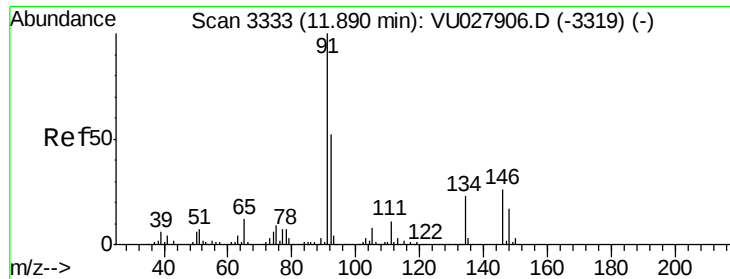
Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

148 63.8 32.0 96.2

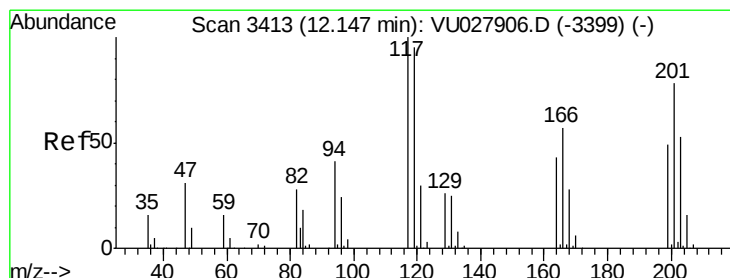
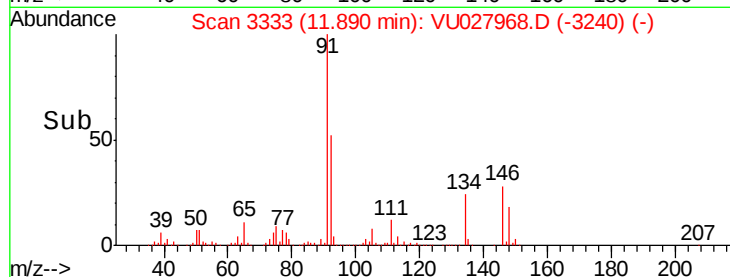
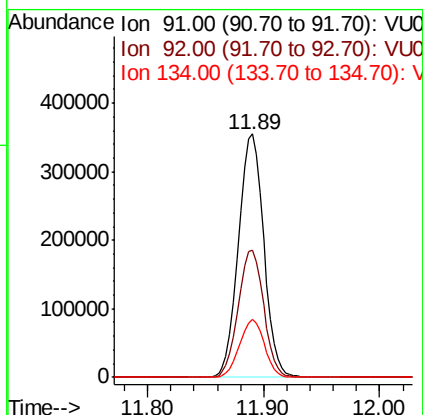
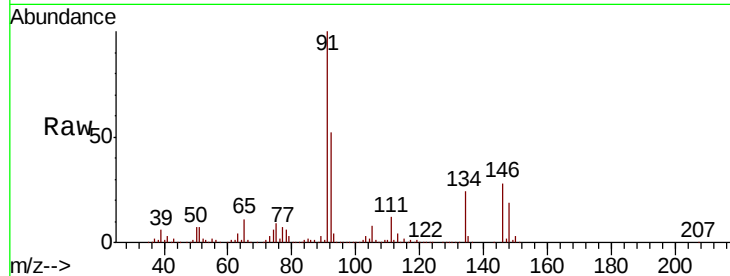




#89
n-Butylbenzene
Concen: 50.562 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

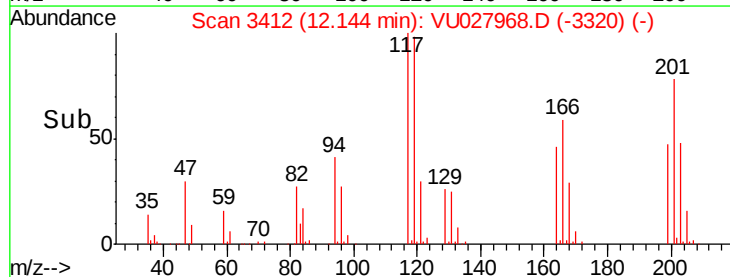
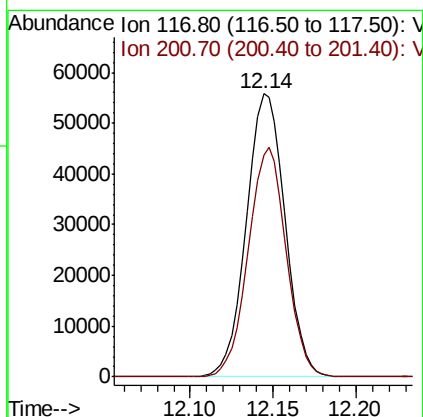
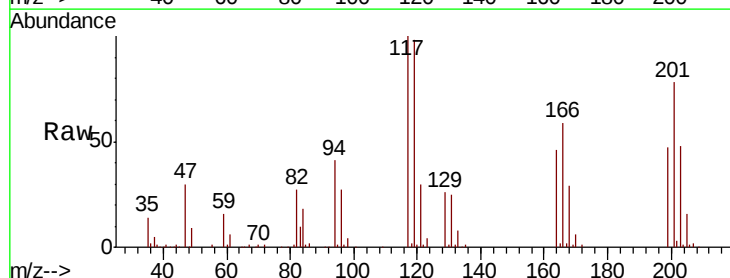
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

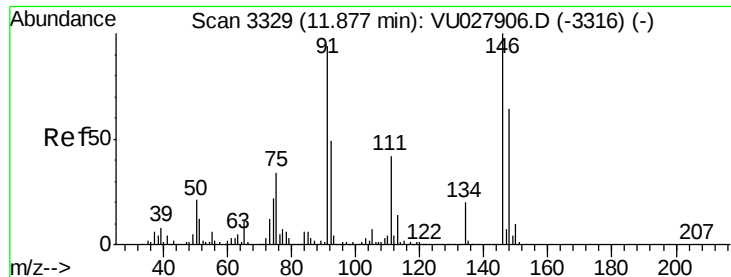
Tot Ion: 91 Resp: 534745
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 23.5 11.5 34.5



#90
Hexachloroethane
Concen: 45.806 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. -0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion: 117 Resp: 90754
Ion Ratio Lower Upper
117 100
201 79.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.018 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

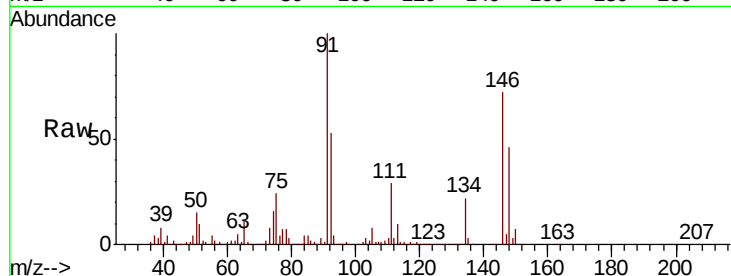
Tot Ion:146 Resp: 275974

Ion Ratio Lower Upper

146 100

111 42.5 21.3 64.0

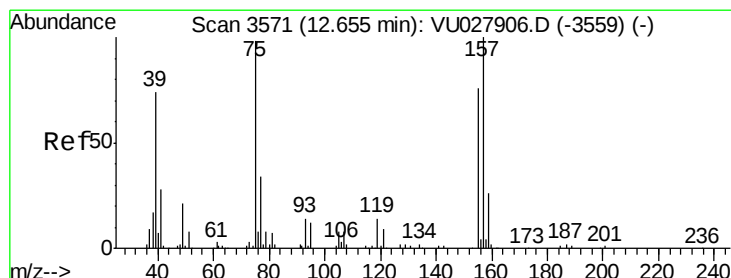
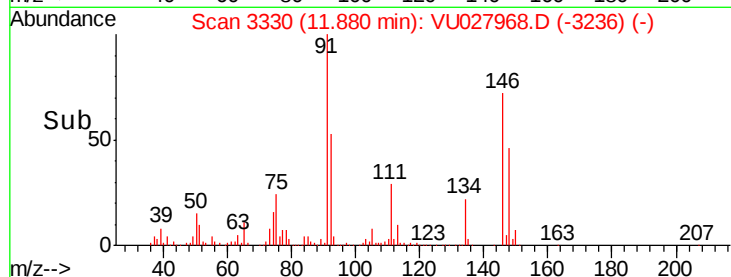
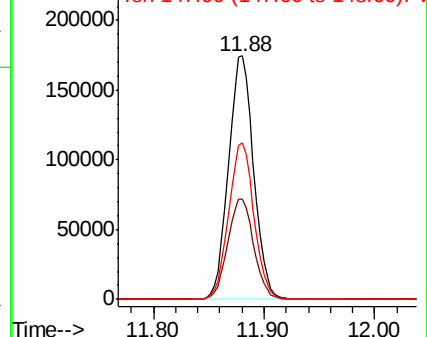
148 64.7 31.8 95.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.529 ug/l

RT: 12.66 min Scan# 3571

Delta R.T. -0.00 min

Lab File: VU027968.D

Acq: 05 Nov 2018 19:24

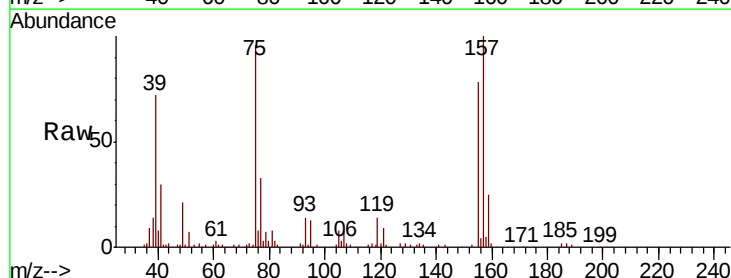
Tgt Ion: 75 Resp: 54517

Ion Ratio Lower Upper

75 100

155 81.6 39.8 119.3

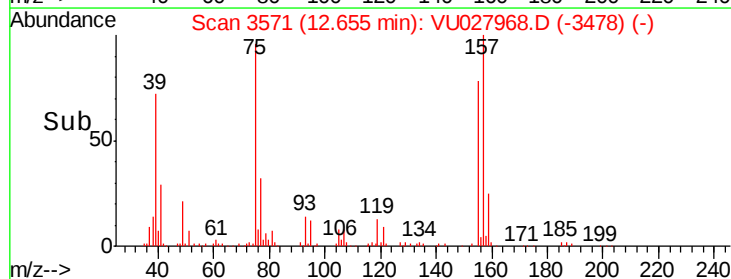
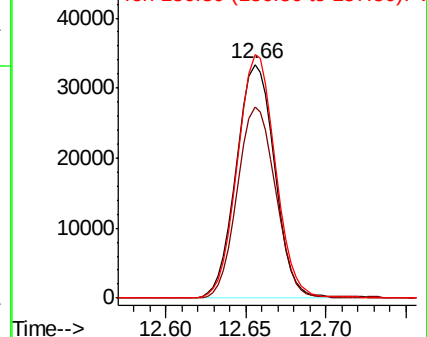
157 103.6 50.6 151.9

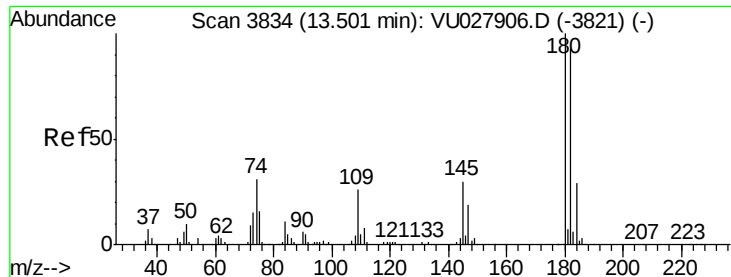


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

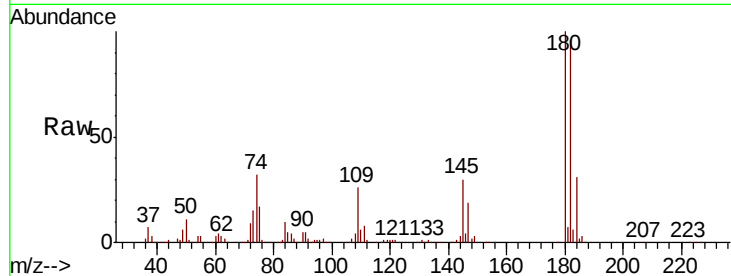




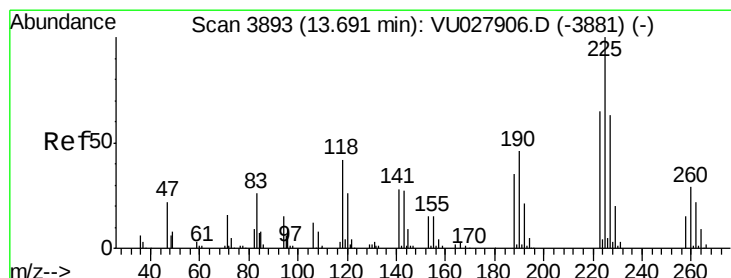
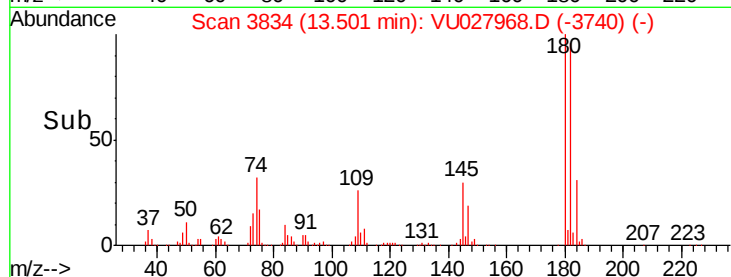
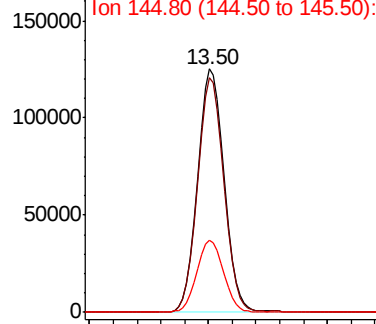
#93
 1,2,4-Trichlorobenzene
 Concen: 49.189 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 194175
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.2
 145 29.7 14.9 44.5

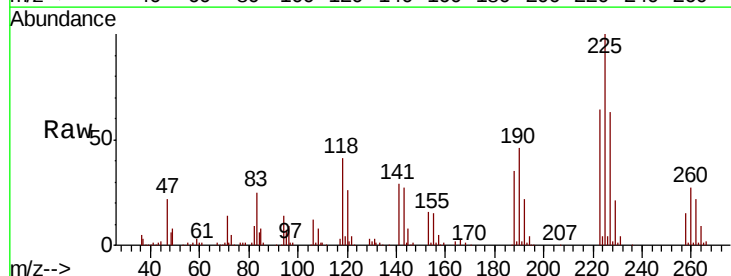


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

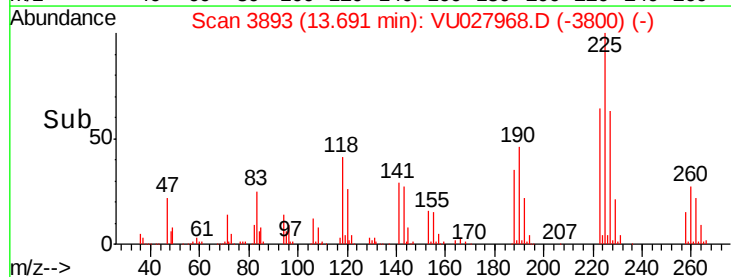
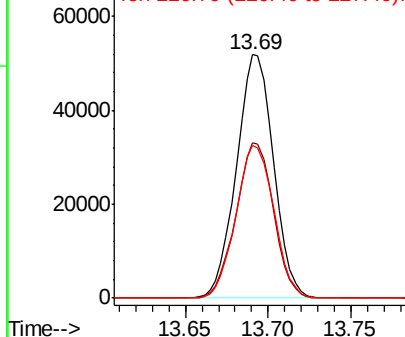


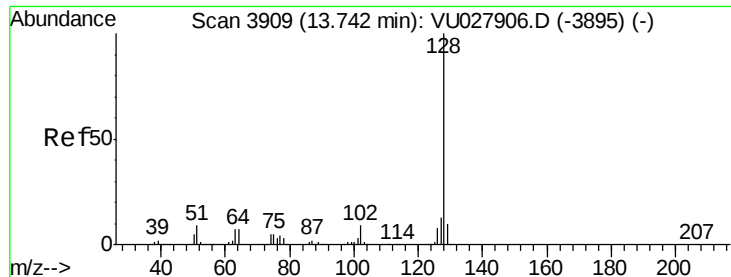
#94
 Hexachlorobutadiene
 Concen: 45.068 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. -0.00 min
 Lab File: VU027968.D
 Acq: 05 Nov 2018 19:24

Tgt Ion:225 Resp: 80643
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.2 96.6
 227 64.2 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

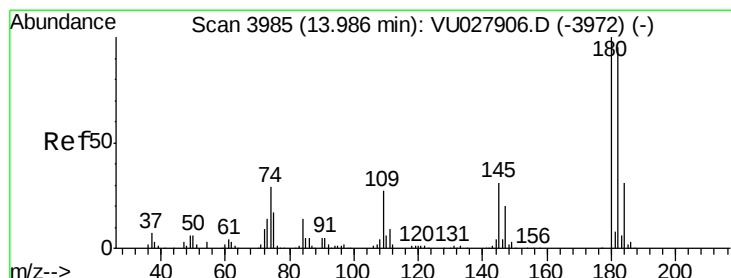
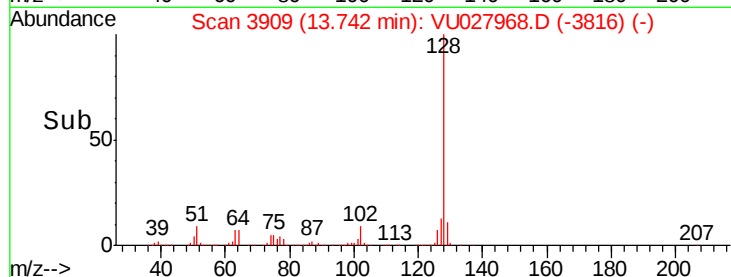
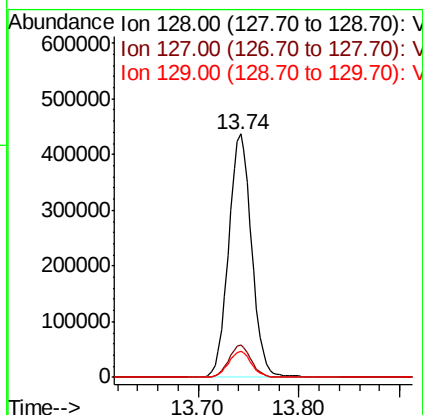
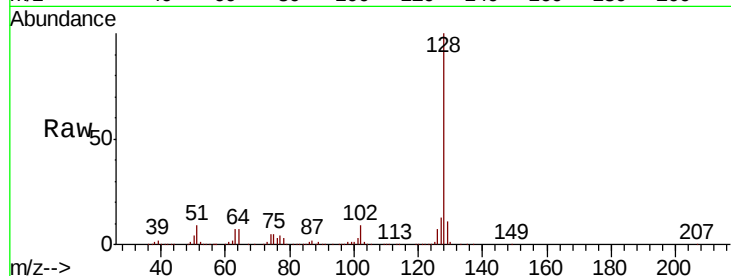




#95
Naphthalene
Concen: 49.866 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 697868
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 52.310 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027968.D
Acq: 05 Nov 2018 19:24

Tgt Ion:180 Resp: 197622
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.3
145 31.4 16.0 47.9

