

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027911.D
 Acq On : 02 Nov 2018 09:10
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 03 04:17:48 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	4.98	168	170342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287340	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	130826	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	115128	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	4.88	113	88388	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
50) Toluene-d8	7.57	98	338825	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.31	95	125578	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	108516	50.135	ug/l	99
3) Chloromethane	1.33	50	125082	47.782	ug/l	98
4) Vinyl Chloride	1.40	62	122789	47.260	ug/l	99
5) Bromomethane	1.62	94	50426	47.548	ug/l	97
6) Chloroethane	1.69	64	71278	47.606	ug/l	100
7) Trichlorofluoromethane	1.88	101	145315	48.401	ug/l	98
8) Diethyl Ether	2.11	74	60469	47.038	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	87453	49.034	ug/l	98
10) Methyl Iodide	2.41	142	57062	37.190	ug/l	98
11) Tert butyl alcohol	2.83	59	149436	222.888	ug/l	99
12) 1,1-Dichloroethene	2.28	96	83156	46.579	ug/l	98
13) Acrolein	2.20	56	57281	231.768	ug/l	100
14) Allyl chloride	2.59	41	200263	45.897	ug/l	100
15) Acrylonitrile	2.94	53	386690	234.797	ug/l	99
16) Acetone	2.32	43	384631	244.786	ug/l	99
17) Carbon Disulfide	2.48	76	281768	48.286	ug/l	100
18) Methyl Acetate	2.62	43	189722	43.893	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	344073	47.791	ug/l	98
20) Methylene Chloride	2.70	84	107110	46.687	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	95975	46.583	ug/l	97
22) Diisopropyl ether	3.58	45	425123	47.193	ug/l	99
23) Vinyl Acetate	3.53	43	1875275	242.225	ug/l	100
24) 1,1-Dichloroethane	3.45	63	207323	46.206	ug/l	99
25) 2-Butanone	4.26	43	598772	239.530	ug/l	98
26) 2,2-Dichloropropane	4.23	77	166607	49.479	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	111442	48.235	ug/l	98
28) Bromochloromethane	4.55	49	96442	45.848	ug/l	100
29) Tetrahydrofuran	4.64	42	376722	225.689	ug/l	100
30) Chloroform	4.67	83	191413	46.526	ug/l	100
31) Cyclohexane	5.00	56	211797	48.035	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	158919	48.526	ug/l	98
36) 1,1-Dichloropropene	5.14	75	145888	48.477	ug/l	100
37) Ethyl Acetate	4.38	43	206958	46.935	ug/l	100
38) Carbon Tetrachloride	5.13	117	128730	48.268	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	186230	51.307	ug/l	99
40) Benzene	5.39	78	451199	49.039	ug/l	100
41) Methacrylonitrile	4.54	41	117298	49.846	ug/l	99
42) 1,2-Dichloroethane	5.40	62	156350	47.806	ug/l	100
43) Isopropyl Acetate	5.55	43	334877	48.474	ug/l	100
44) Trichloroethene	6.19	130	98562	49.835	ug/l	99
45) 1,2-Dichloropropane	6.43	63	128365	48.376	ug/l	97
46) Dibromomethane	6.56	93	74148	48.614	ug/l	98
47) Bromodichloromethane	6.76	83	146347	49.789	ug/l	99
48) Methyl methacrylate	6.62	41	167182	49.384	ug/l	99
49) 1,4-Dioxane	6.61	88	54551	987.663	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1086124	235.418	ug/l	100
52) Toluene	7.64	92	266072	49.189	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	176298	48.403	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	189049	52.173	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	106096	48.210	ug/l	98
56) Ethyl methacrylate	8.02	69	194542	50.128	ug/l	99
57) 1,3-Dichloropropane	8.24	76	195057	48.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	553742	266.413	ug/l	100
59) 2-Hexanone	8.36	43	860461	241.140	ug/l	99
60) Dibromochloromethane	8.48	129	106504	51.143	ug/l	99
61) 1,2-Dibromoethane	8.59	107	114706	49.053	ug/l	98
64) Tetrachloroethene	8.23	164	84090	49.156	ug/l	99
65) Chlorobenzene	9.12	112	273576	49.082	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	96027	50.439	ug/l	99
67) Ethyl Benzene	9.25	91	520437	50.727	ug/l	99
68) m/p-Xylenes	9.38	106	377739	101.473	ug/l	99
69) o-Xylene	9.78	106	186164	49.525	ug/l	99
70) Styrene	9.79	104	308292	51.329	ug/l	99
71) Bromoform	9.96	173	81921	51.344	ug/l #	99
73) Isopropylbenzene	10.17	105	499487	49.284	ug/l	99
74) N-amyl acetate	10.01	43	304086	49.619	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	192433	47.071	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	228419	63.831	ug/l	81
77) Bromobenzene	10.45	156	116614	50.179	ug/l	99
78) n-propylbenzene	10.59	91	618943	51.020	ug/l	99
79) 2-Chlorotoluene	10.66	91	355073	48.830	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	416206	49.574	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	228419	158.798	ug/l #	100
82) 4-Chlorotoluene	10.77	91	411931	49.899	ug/l	100
83) tert-Butylbenzene	11.10	119	408179	48.632	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	428885	50.731	ug/l	99
85) sec-Butylbenzene	11.32	105	517543	50.702	ug/l	99
86) p-Isopropyltoluene	11.48	119	439793	51.539	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	212212	49.432	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	211554	48.078	ug/l	99
89) n-Butylbenzene	11.89	91	434550	53.583	ug/l	100
90) Hexachloroethane	12.15	117	75965	50.002	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	214608	49.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43293	50.257	ug/l	98

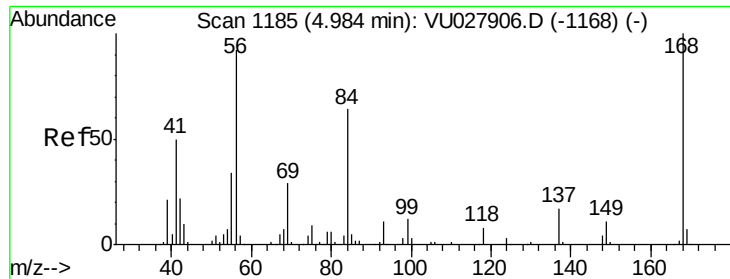
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QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	151193	49.937	ug/l	98
94) Hexachlorobutadiene	13.69	225	73102	53.277	ug/l	98
95) Naphthalene	13.74	128	515331	48.014	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	153020	52.821	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

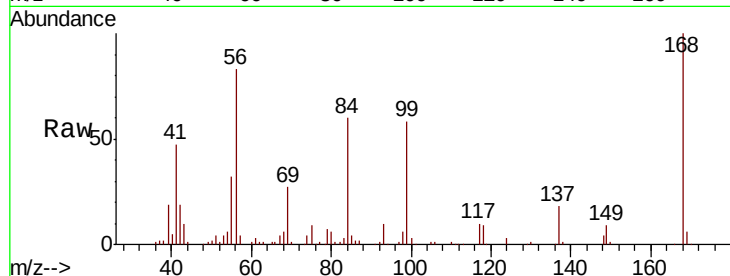
VSTDCCC050

Tot Ion:168 Resp: 170342

Ion Ratio Lower Upper

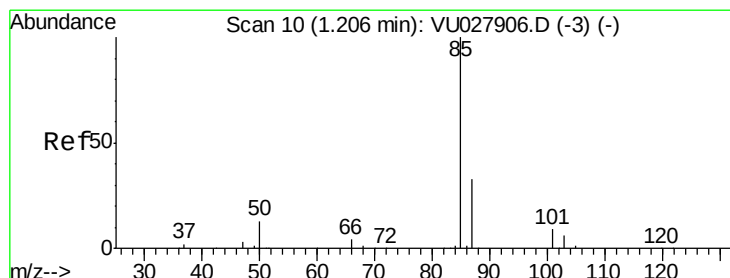
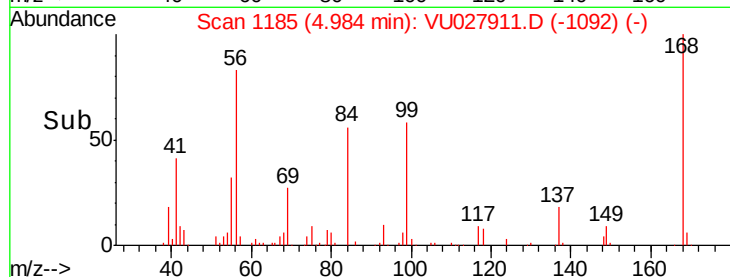
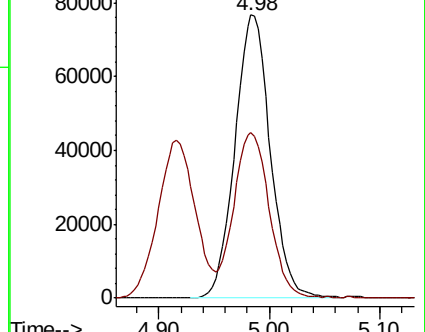
168 100

99 58.1 47.9 71.9



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

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



#2

Dichlorodifluoromethane

Concen: 50.135 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027911.D

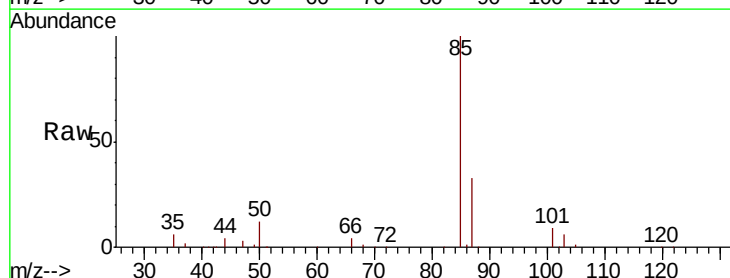
Acq: 02 Nov 2018 09:10

Tgt Ion: 85 Resp: 108516

Ion Ratio Lower Upper

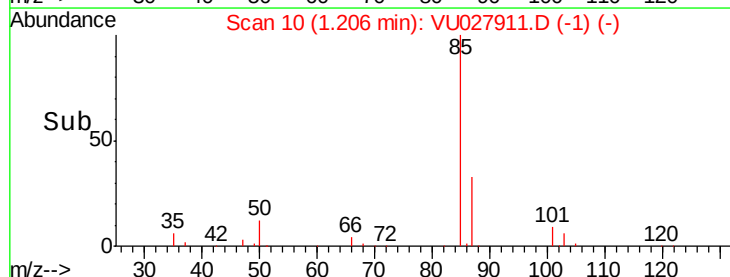
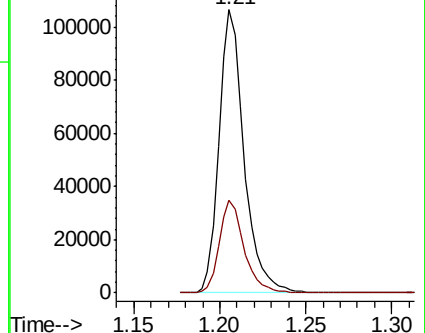
85 100

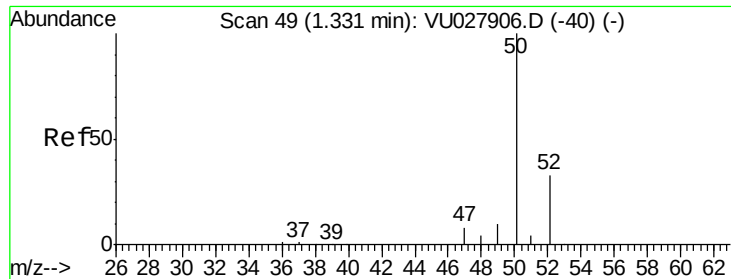
87 32.5 16.5 49.5



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

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





#3

Chloromethane

Concen: 47.782 ug/l

RT: 1.33 min Scan# 49

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

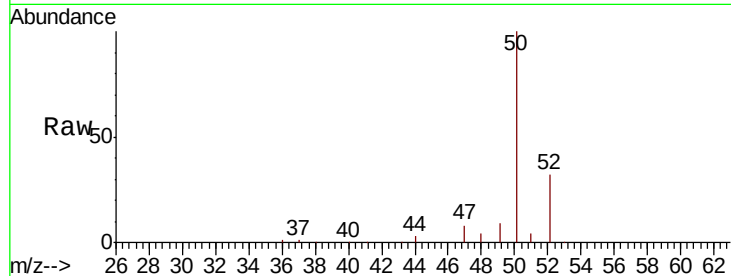
VSTDCCC050

Tot Ion: 50 Resp: 125082

Ion Ratio Lower Upper

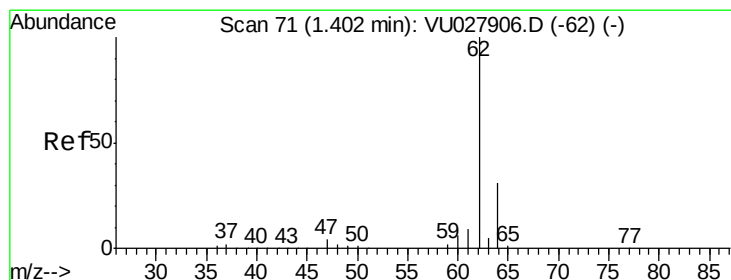
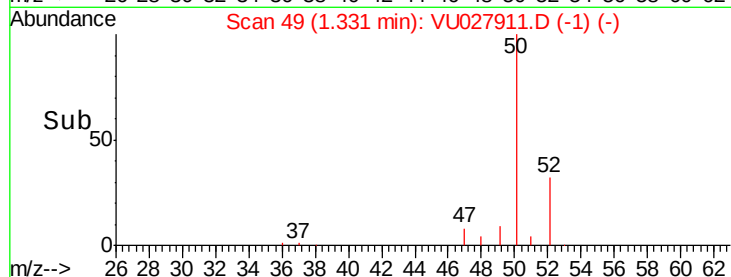
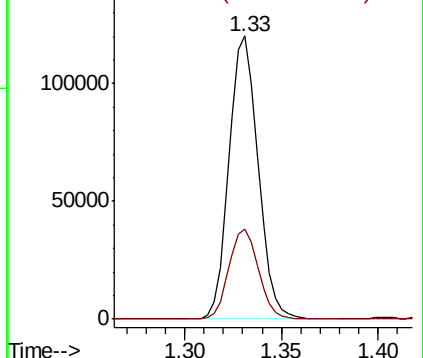
50 100

52 31.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.260 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027911.D

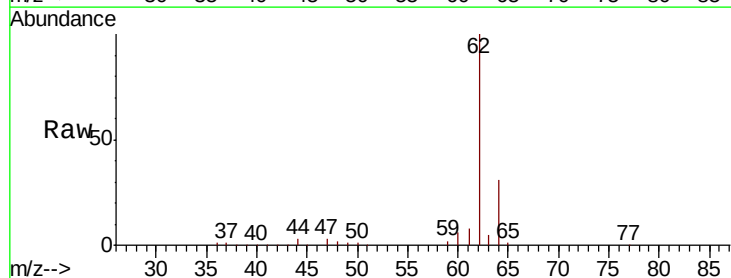
Acq: 02 Nov 2018 09:10

Tgt Ion: 62 Resp: 122789

Ion Ratio Lower Upper

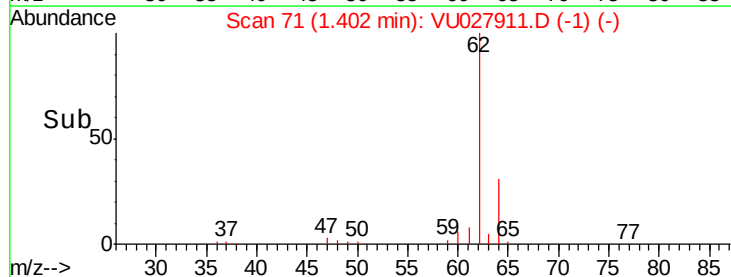
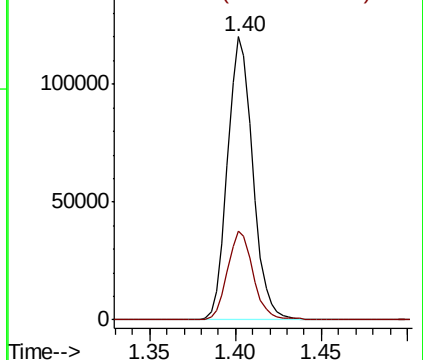
62 100

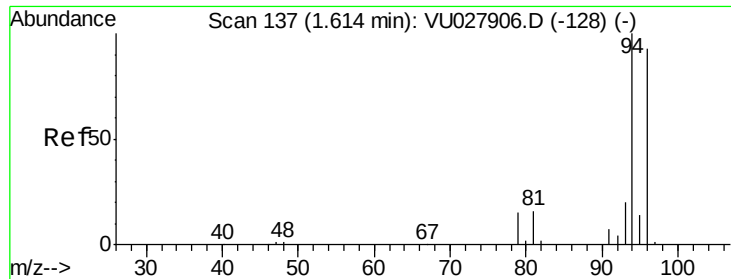
64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 47.548 ug/l

RT: 1.62 min Scan# 138

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

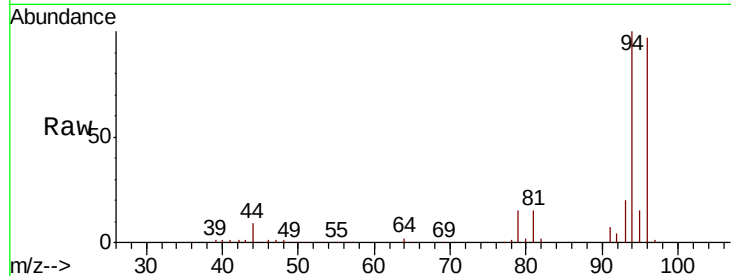
VSTDCCC050

Tot Ion: 94 Resp: 50426

Ion Ratio Lower Upper

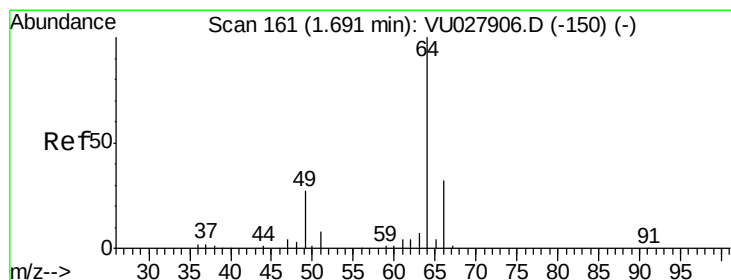
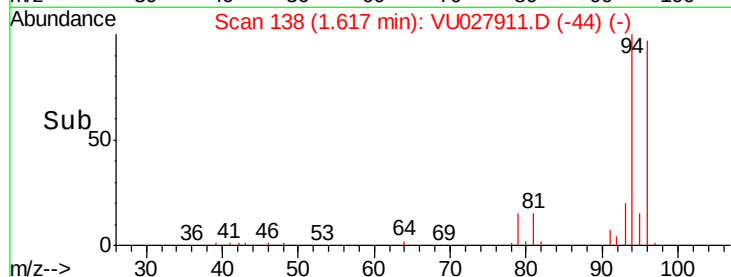
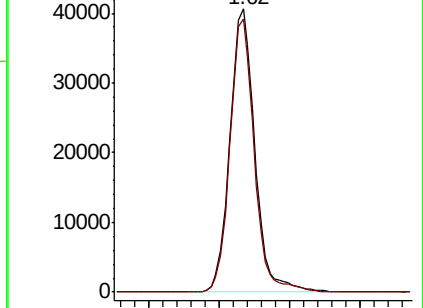
94 100

96 96.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VU027906.D (-128) (-)

Ion 95.90 (95.60 to 96.60): VU027911.D (-44) (-)



#6

Chloroethane

Concen: 47.606 ug/l

RT: 1.69 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU027911.D

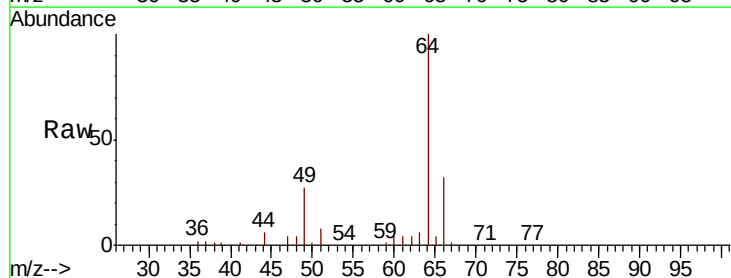
Acq: 02 Nov 2018 09:10

Tgt Ion: 64 Resp: 71278

Ion Ratio Lower Upper

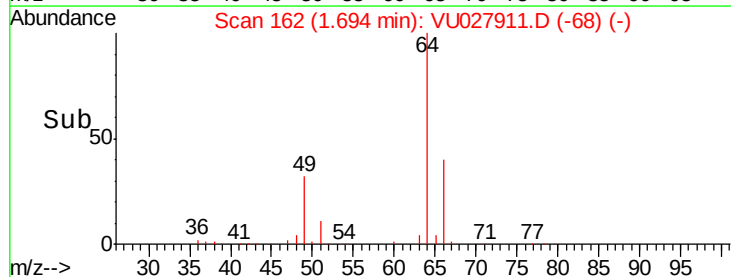
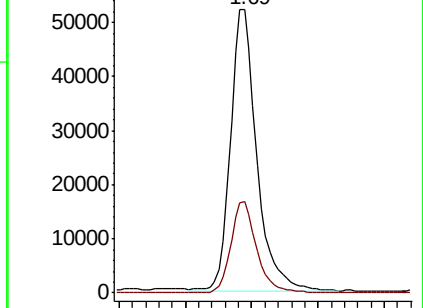
64 100

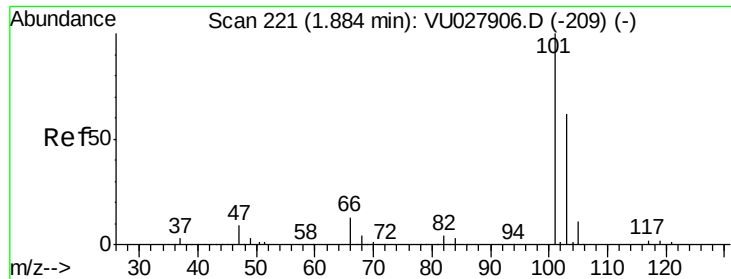
66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VU027906.D (-150) (-)

Ion 65.90 (65.60 to 66.60): VU027911.D (-68) (-)



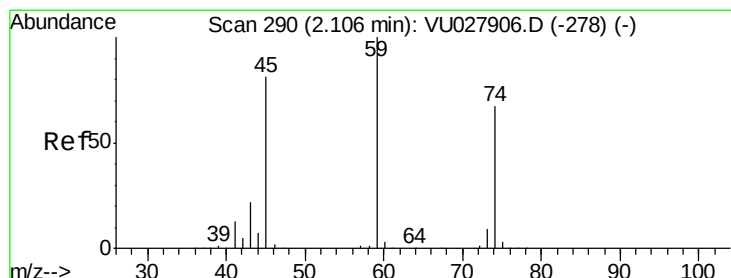
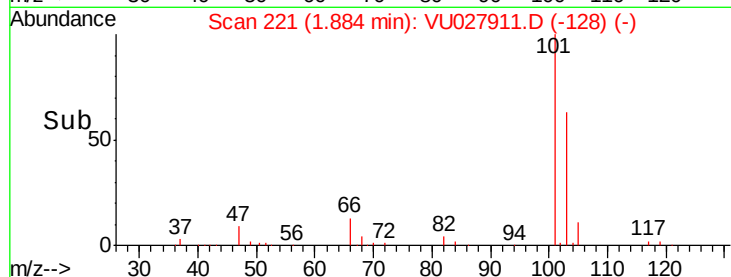
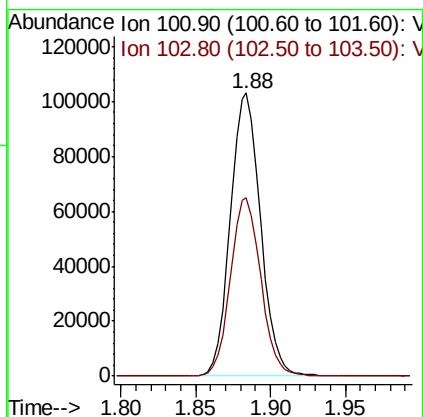
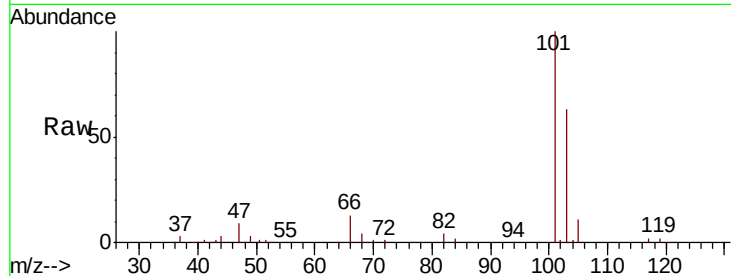


#7

Trichlorofluoromethane
 Concen: 48.401 ug/l
 RT: 1.88 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Instrument :
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 ClientSampleId :
 VSTDCCC050

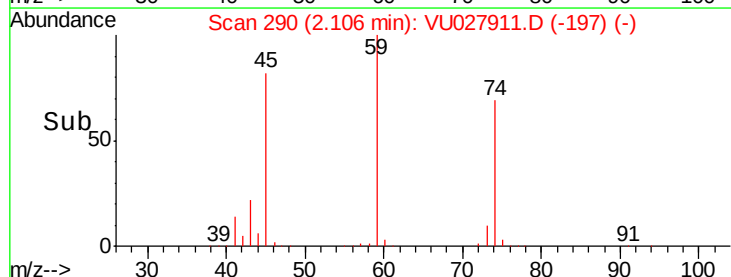
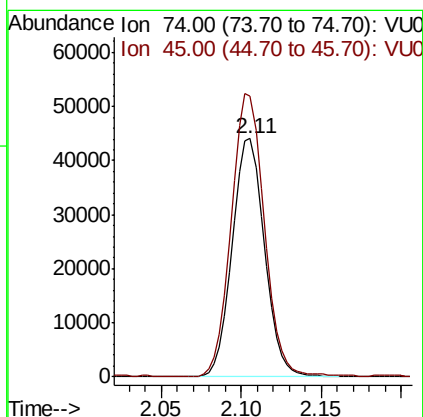
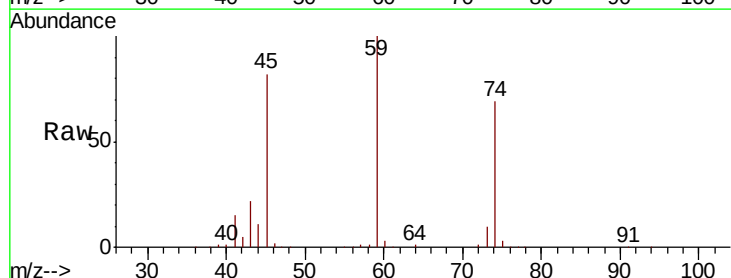
Tot Ion:101 Resp: 145315
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.4 74.2

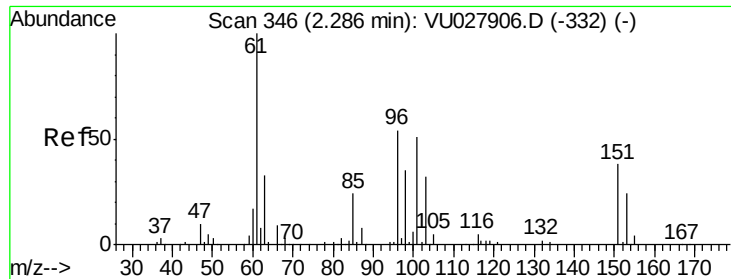


#8

Diethyl Ether
 Concen: 47.038 ug/l
 RT: 2.11 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 74 Resp: 60469
 Ion Ratio Lower Upper
 74 100
 45 122.1 60.5 181.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.034 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

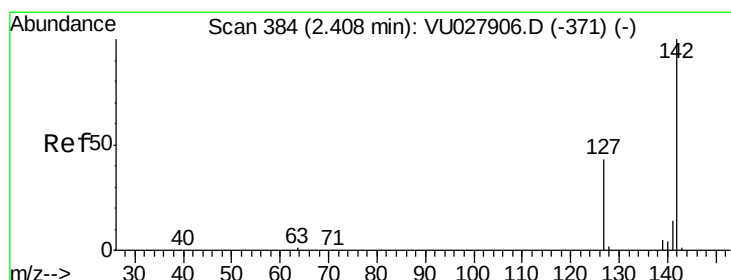
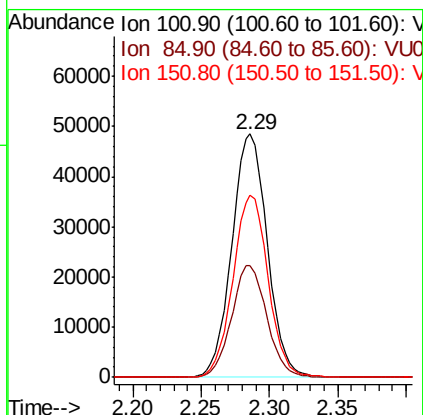
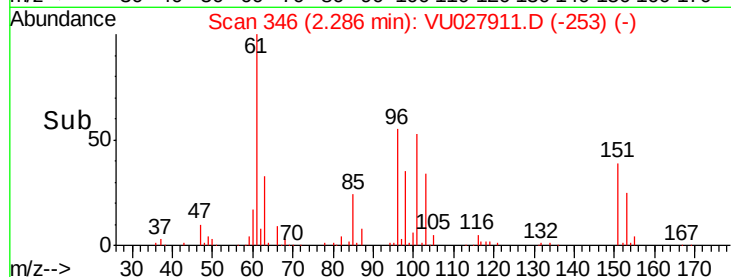
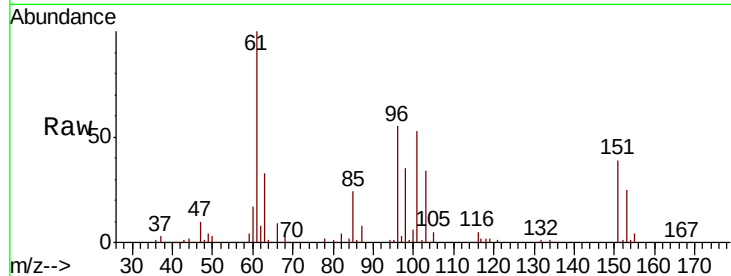
Tot Ion:101 Resp: 87453

Ion Ratio Lower Upper

101 100

85 45.7 36.9 55.3

151 74.4 58.0 87.0



#10

Methyl Iodide

Concen: 37.190 ug/l

RT: 2.41 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

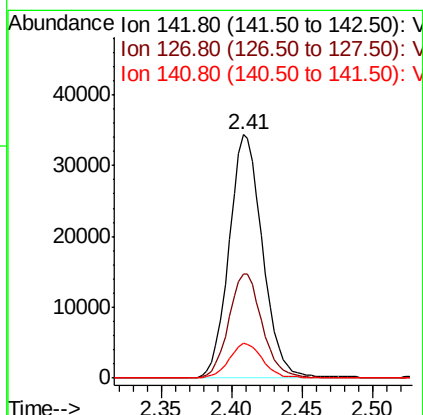
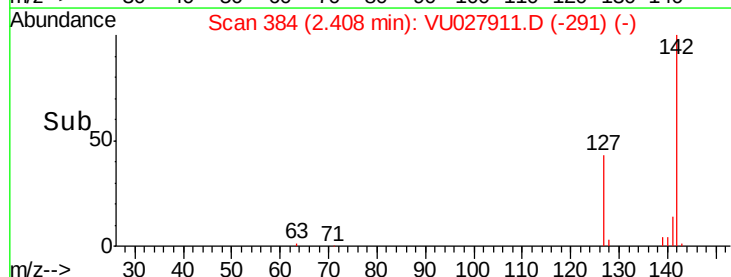
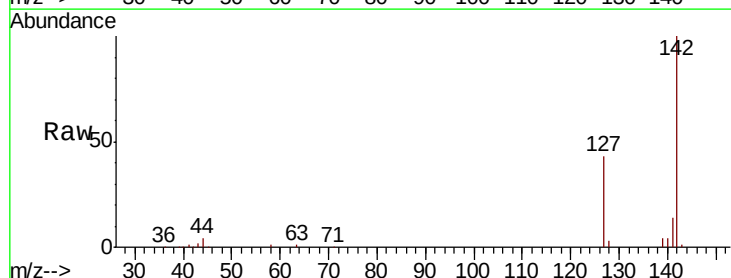
Tgt Ion:142 Resp: 57062

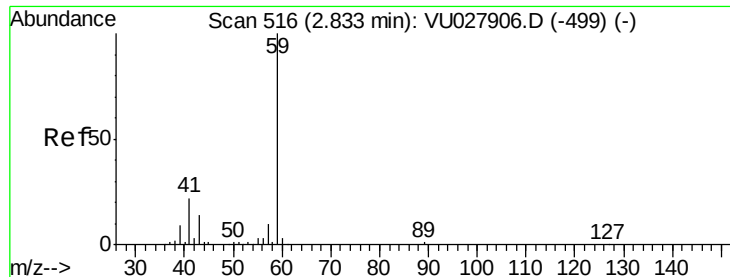
Ion Ratio Lower Upper

142 100

127 42.7 35.2 52.8

141 14.2 11.8 17.8



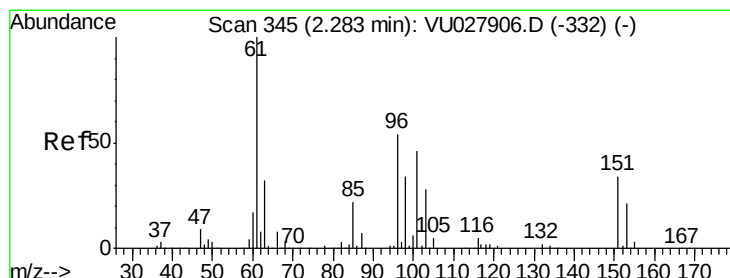
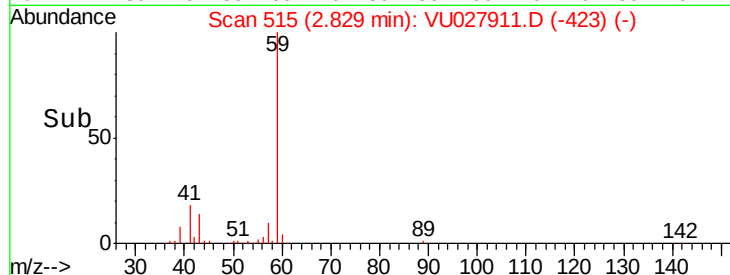
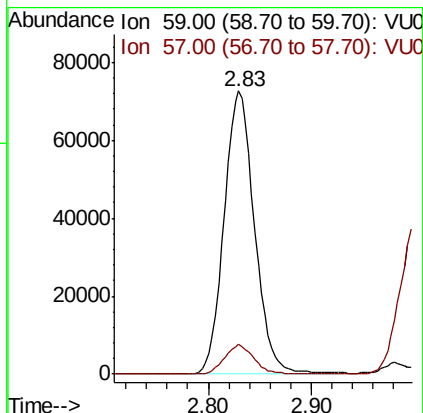
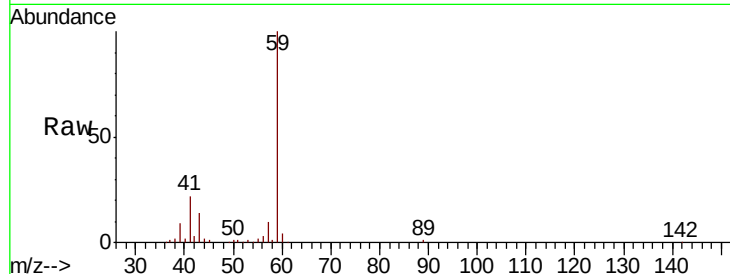


#11

Tert butyl alcohol
Concen: 222.888 ug/l
RT: 2.83 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

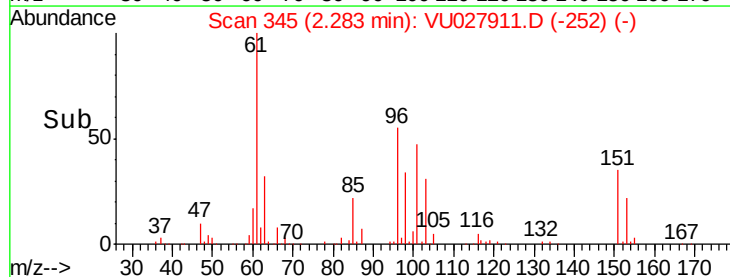
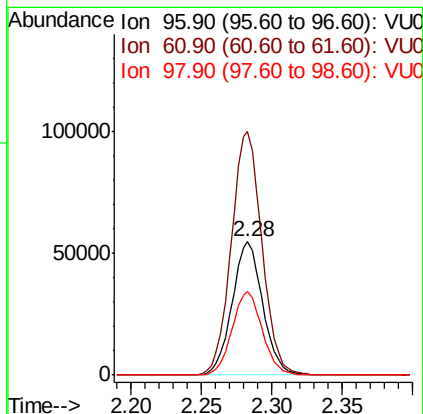
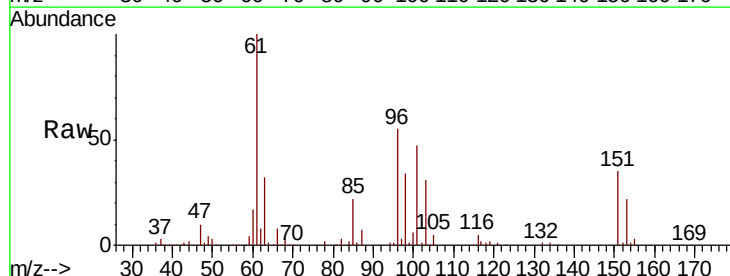
Tot Ion: 59 Resp: 149436
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8

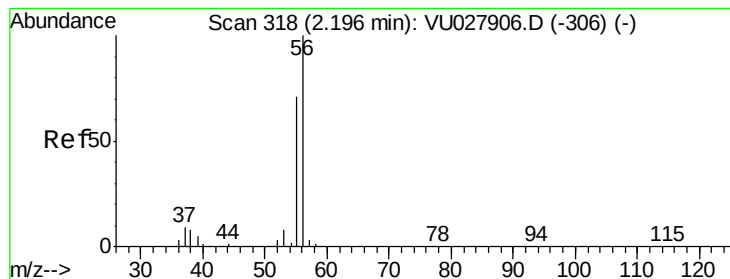


#12

1,1-Dichloroethene
Concen: 46.579 ug/l
RT: 2.28 min Scan# 345
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 96 Resp: 83156
Ion Ratio Lower Upper
96 100
61 182.4 149.3 223.9
98 62.5 50.6 75.8





#13

Acrolein

Concen: 231.768 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

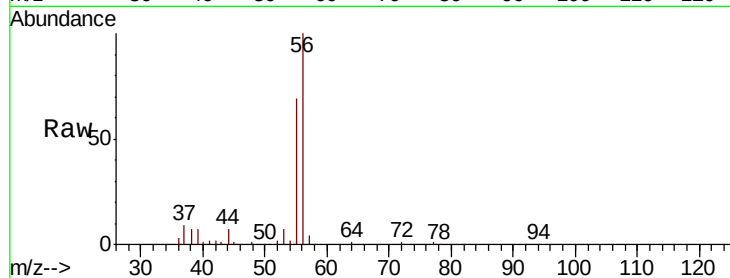
VSTDCCC050

Tot Ion: 56 Resp: 57281

Ion Ratio Lower Upper

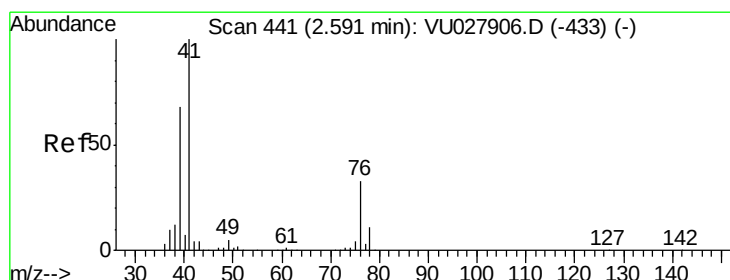
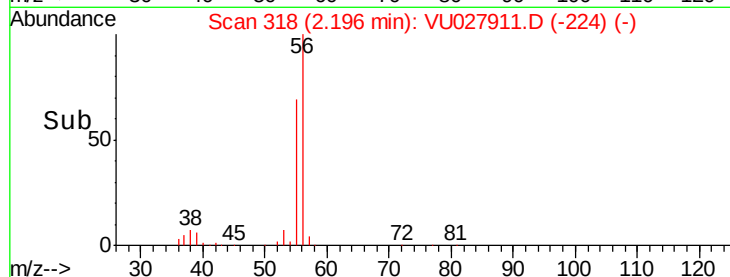
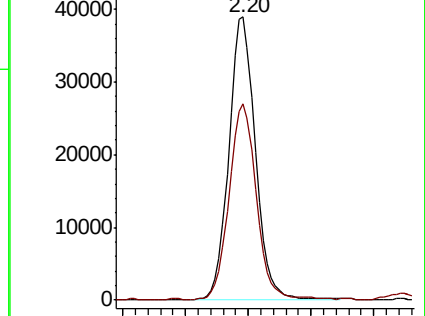
56 100

55 70.2 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VU027911.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU027911.D (-224) (-)



#14

Allyl chloride

Concen: 45.897 ug/l

RT: 2.59 min Scan# 441

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

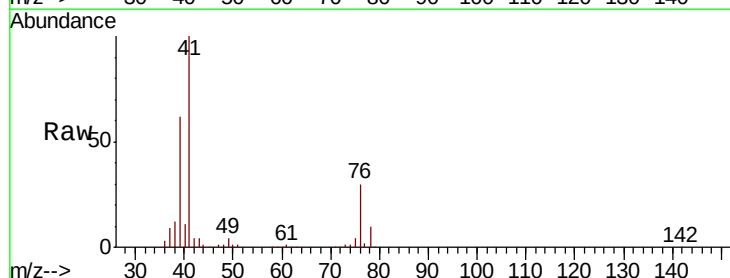
Tgt Ion: 41 Resp: 200263

Ion Ratio Lower Upper

41 100

39 64.7 51.9 77.9

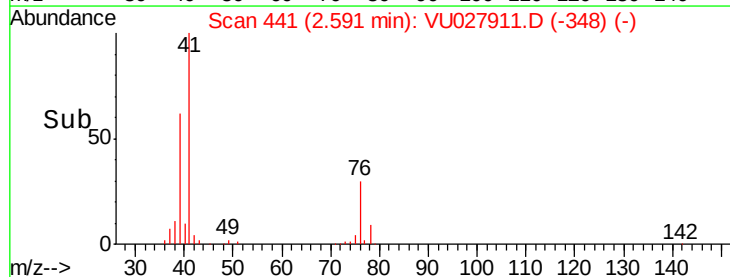
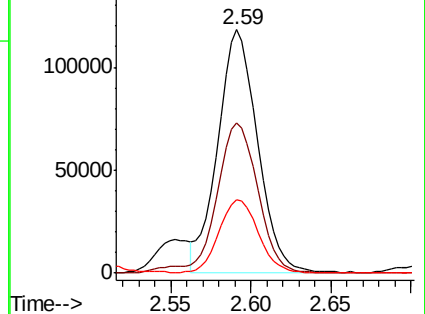
76 30.2 23.8 35.6

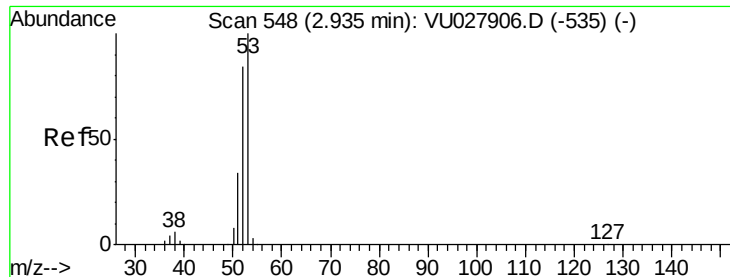


Abundance Ion 41.00 (40.70 to 41.70): VU027911.D (-348) (-)

Ion 39.00 (38.70 to 39.70): VU027911.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU027911.D (-348) (-)





#15

Acrylonitrile

Concen: 234.797 ug/l

RT: 2.94 min Scan# 548

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

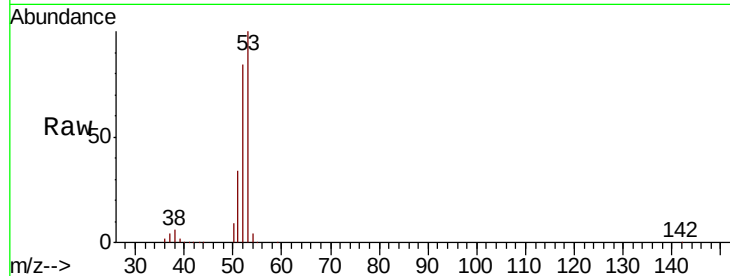
MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 386690

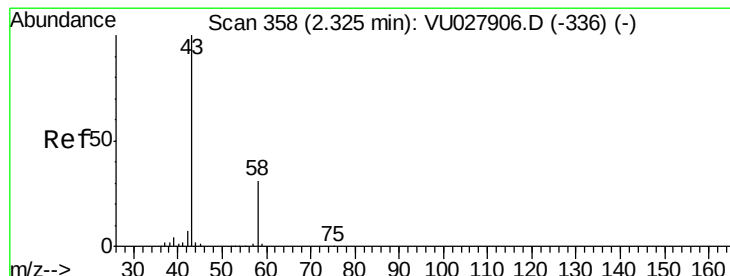
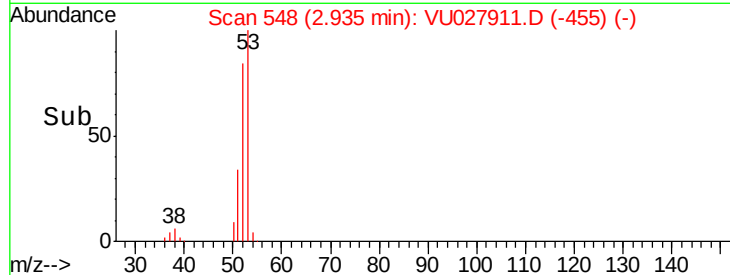
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	34.8	27.0	40.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: 244.786 ug/l

RT: 2.32 min Scan# 357

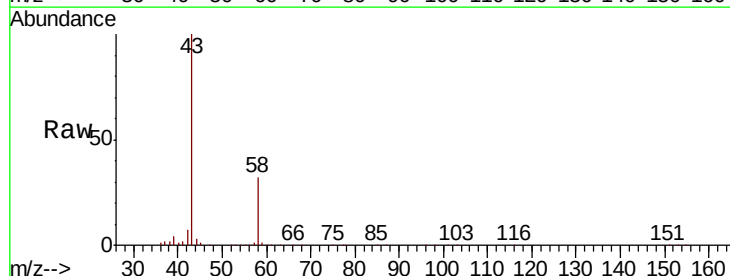
Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

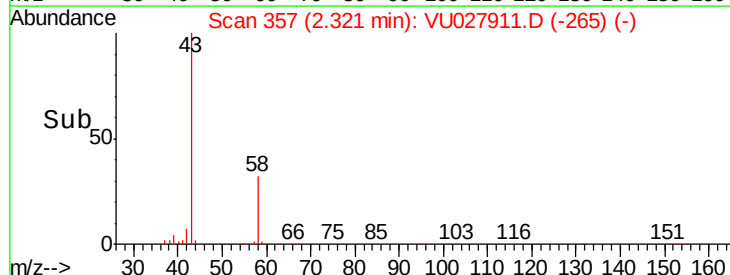
Tgt Ion: 43 Resp: 384631

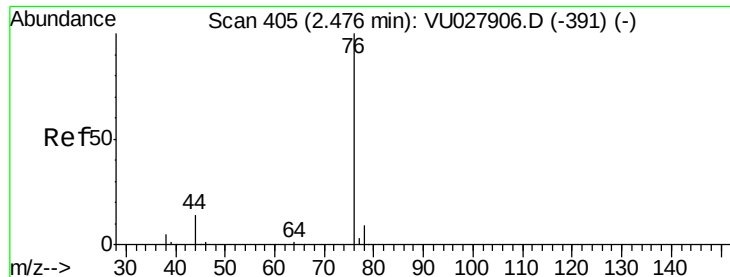
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.6	37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 48.286 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

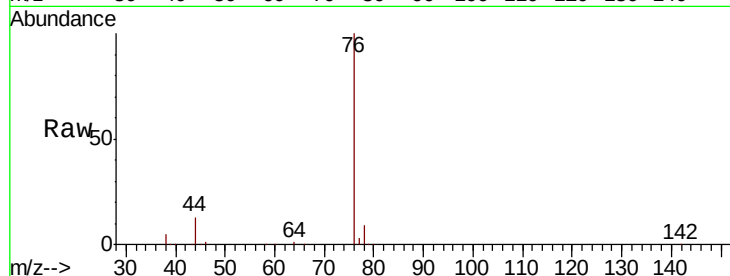
VSTDCCC050

Tot Ion: 76 Resp: 281768

Ion Ratio Lower Upper

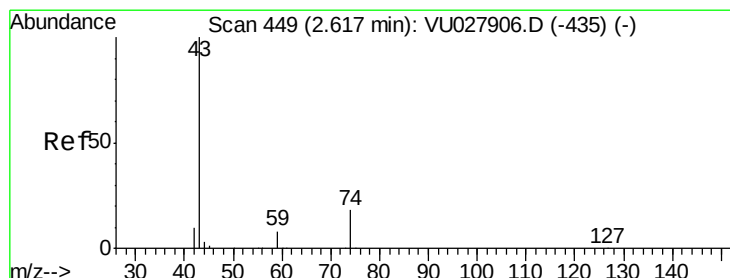
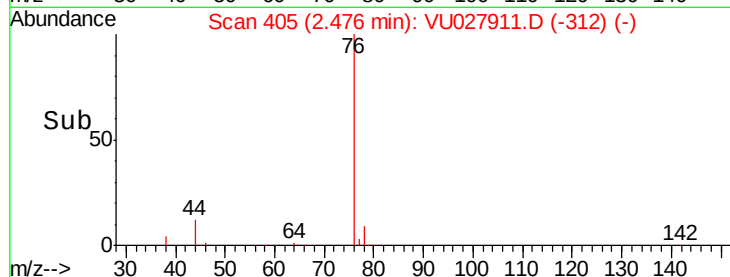
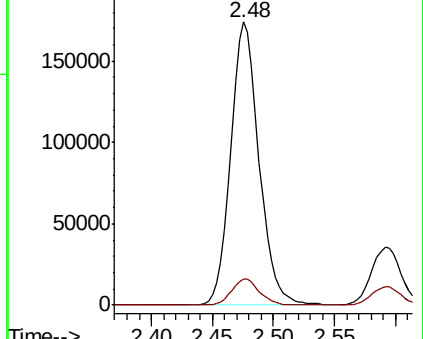
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VU027911.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027911.D (-312) (-)



#18

Methyl Acetate

Concen: 43.893 ug/l

RT: 2.62 min Scan# 449

Delta R.T. -0.00 min

Lab File: VU027911.D

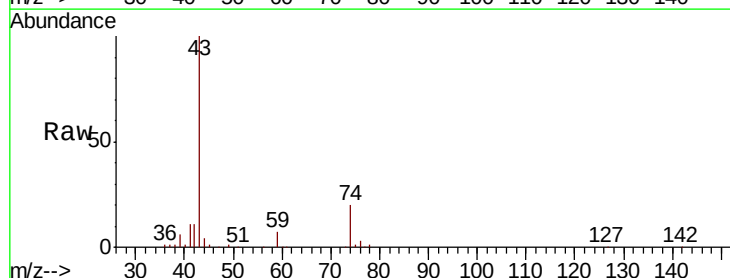
Acq: 02 Nov 2018 09:10

Tgt Ion: 43 Resp: 189722

Ion Ratio Lower Upper

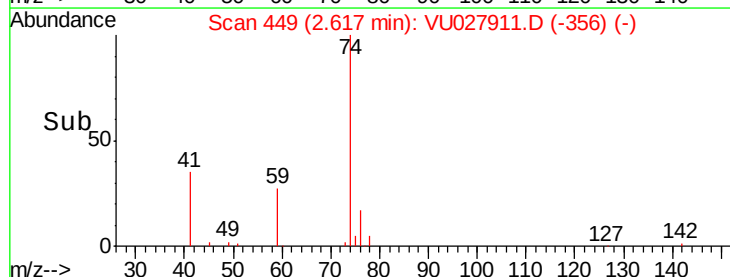
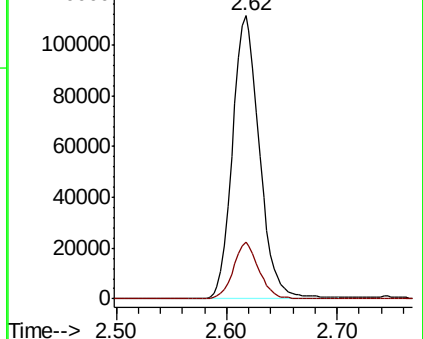
43 100

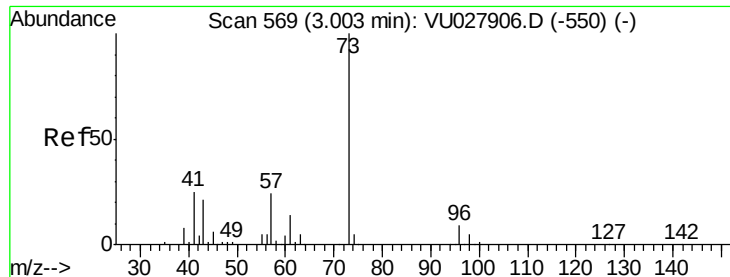
74 19.0 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027911.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027911.D (-356) (-)



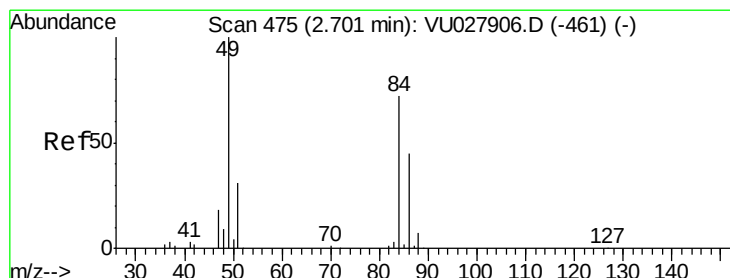
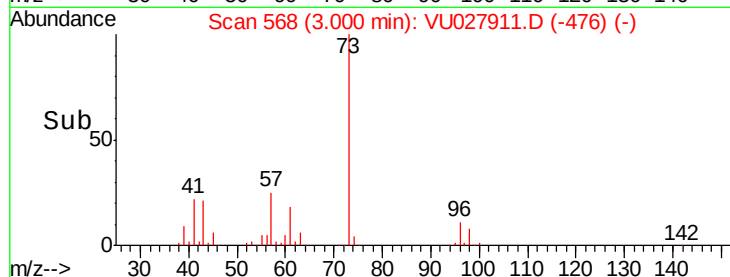
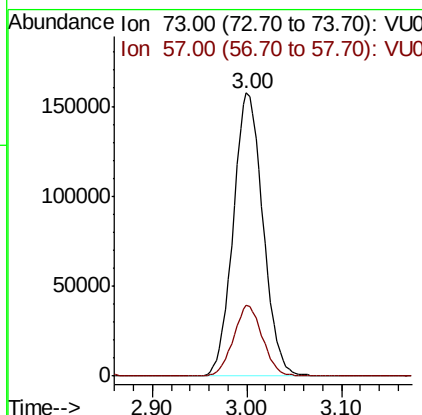
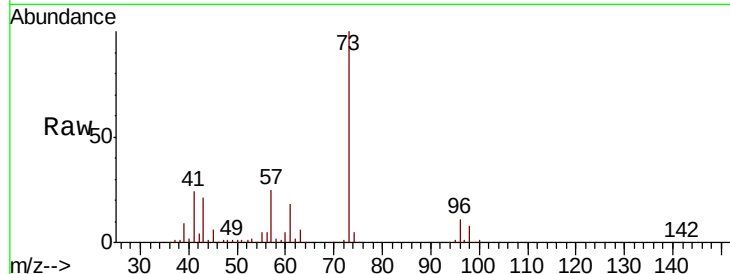


#19

Methyl tert-butyl Ether
 Concen: 47.791 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

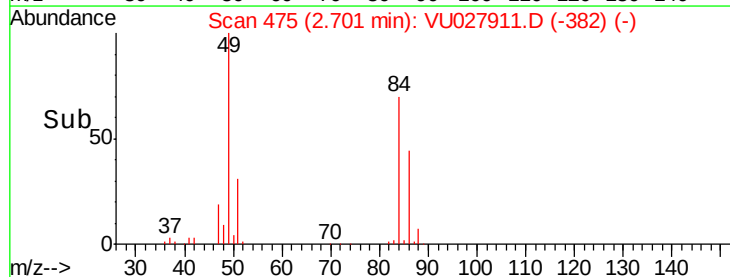
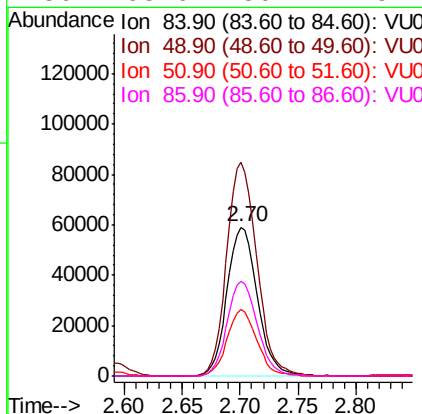
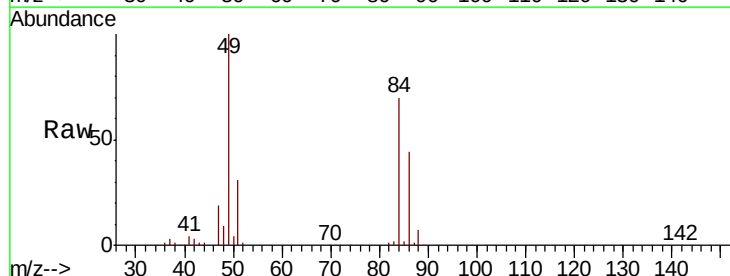
Tot Ion: 73 Resp: 344073
 Ion Ratio Lower Upper
 73 100
 57 25.0 19.3 28.9

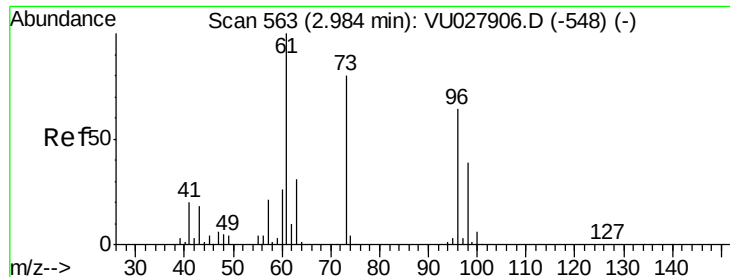


#20

Methylene Chloride
 Concen: 46.687 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 84 Resp: 107110
 Ion Ratio Lower Upper
 84 100
 49 143.6 111.6 167.4
 51 44.6 34.8 52.2
 86 63.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.583 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

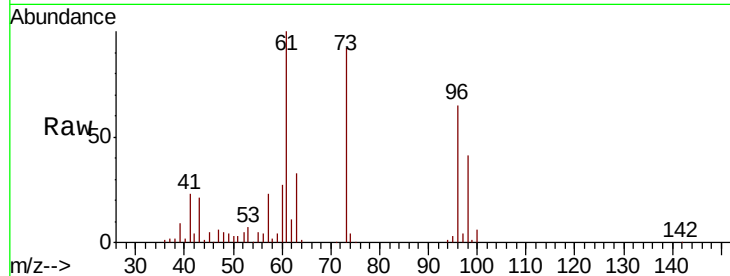
Tot Ion: 96 Resp: 95975

Ion Ratio Lower Upper

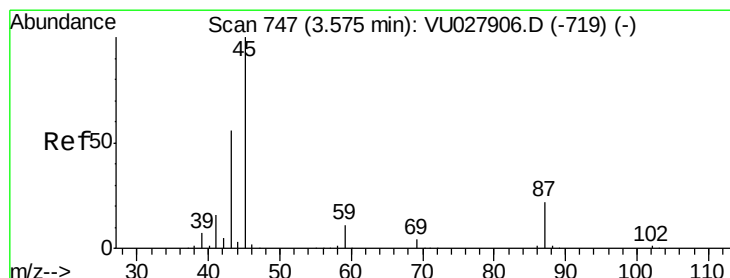
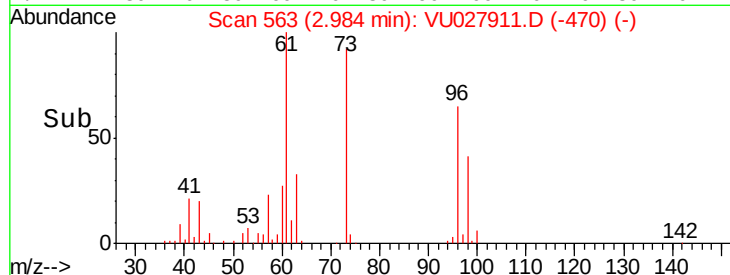
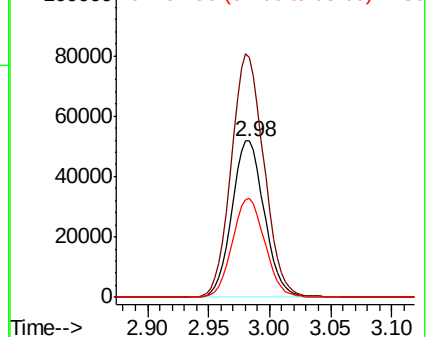
96 100

61 153.7 125.0 187.6

98 63.3 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: 47.193 ug/l

RT: 3.58 min Scan# 747

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Tgt Ion: 45 Resp: 425123

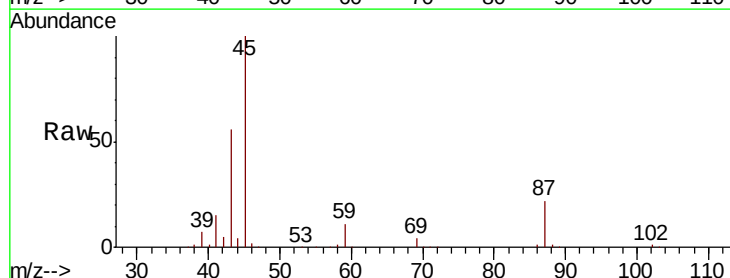
Ion Ratio Lower Upper

45 100

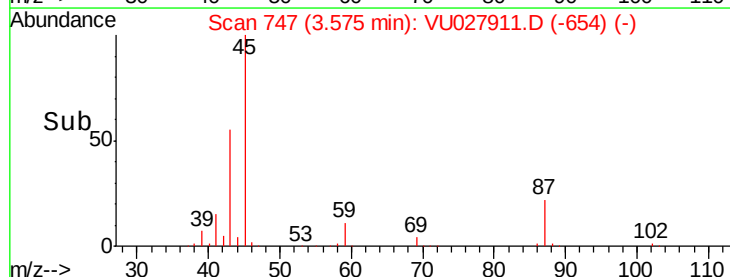
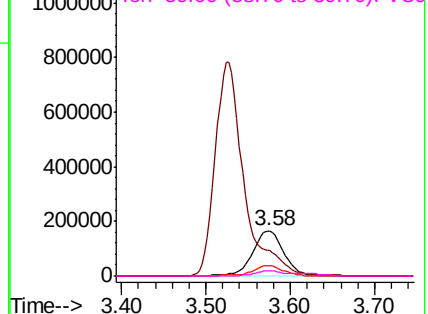
43 55.0 45.0 67.6

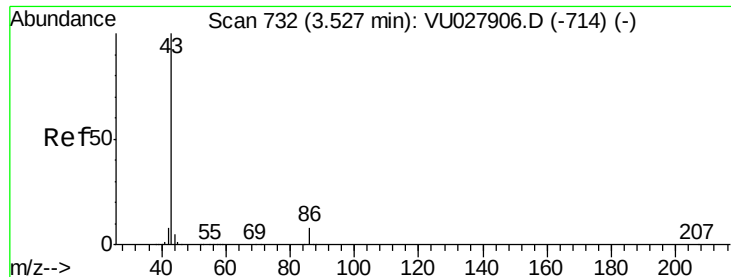
87 22.2 17.9 26.9

59 11.2 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: 242.225 ug/l

RT: 3.53 min Scan# 732

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

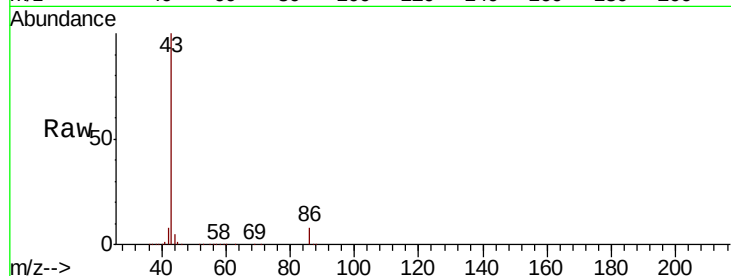
VSTDCCC050

Tot Ion: 43 Resp: 1875275

Ion Ratio Lower Upper

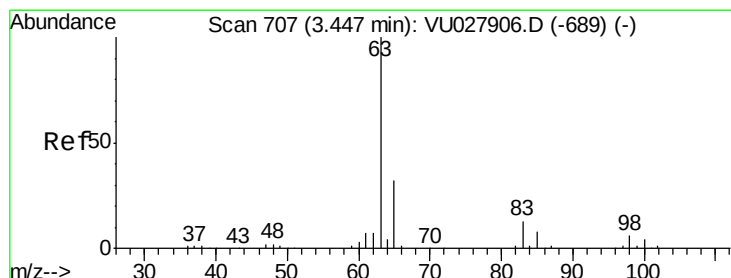
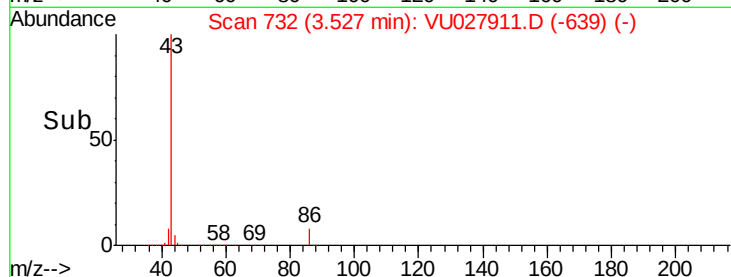
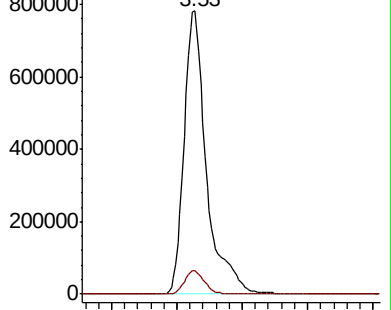
43 100

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) (-)



#24

1,1-Dichloroethane

Concen: 46.206 ug/l

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

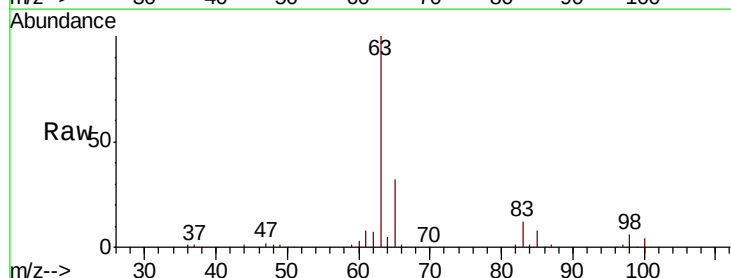
Tgt Ion: 63 Resp: 207323

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.6

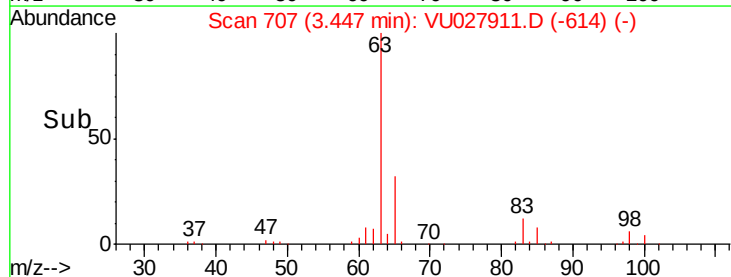
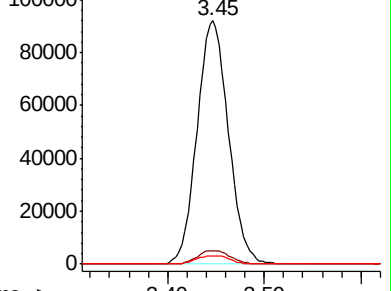
100 3.5 2.0 6.0

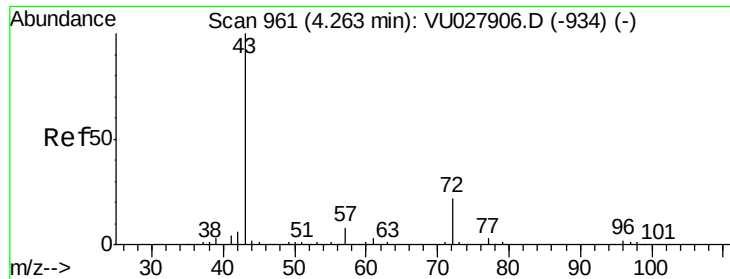


Abundance Ion 62.90 (62.60 to 63.60): VU027906.D (-689) (-)

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

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





#25

2-Butanone

Concen: 239.530 ug/l

RT: 4.26 min Scan# 961

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

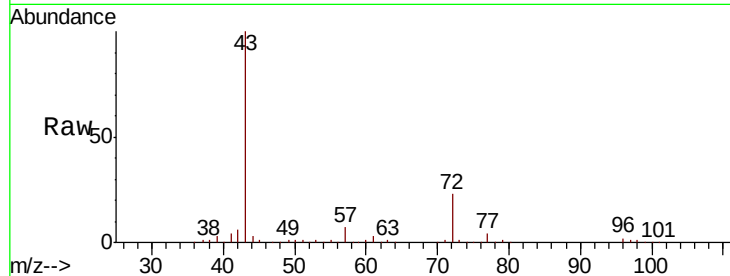
VSTDCCC050

Tot Ion: 43 Resp: 598772

Ion Ratio Lower Upper

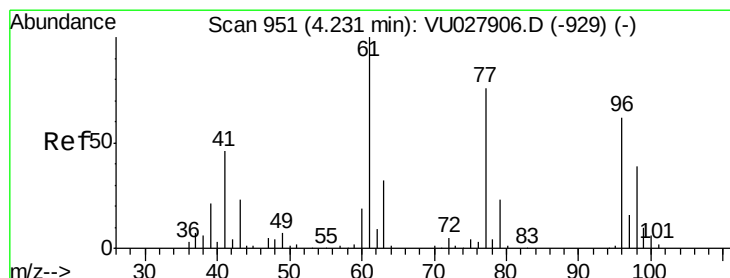
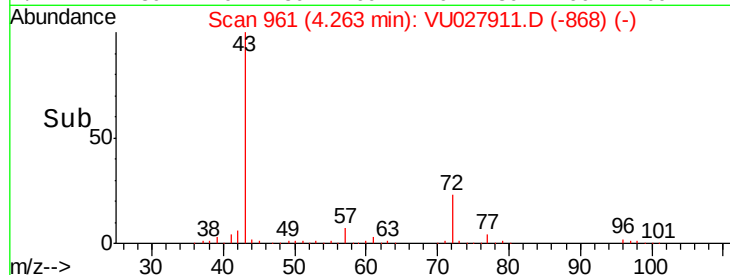
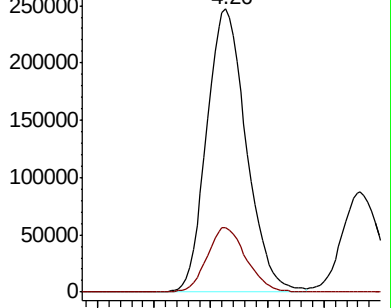
43 100

72 22.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 49.479 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027911.D

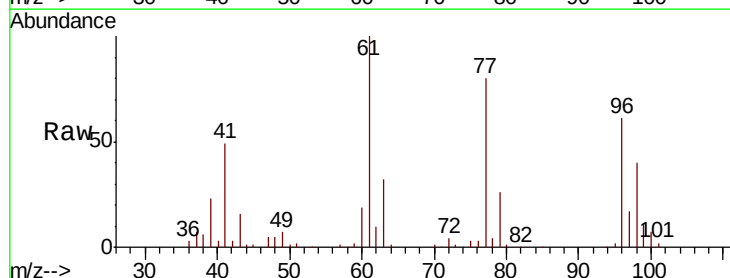
Acq: 02 Nov 2018 09:10

Tgt Ion: 77 Resp: 166607

Ion Ratio Lower Upper

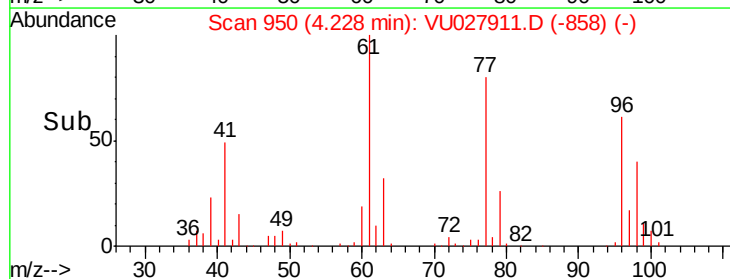
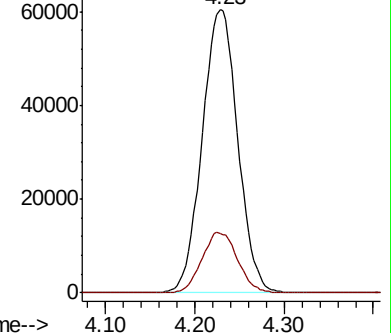
77 100

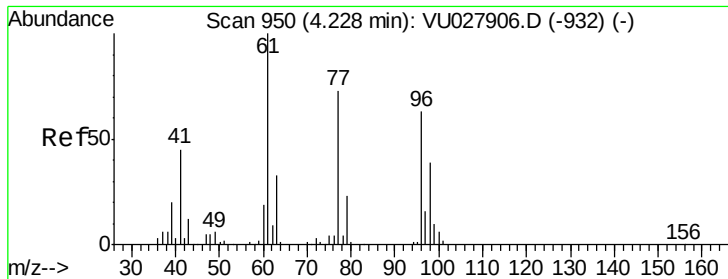
97 21.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



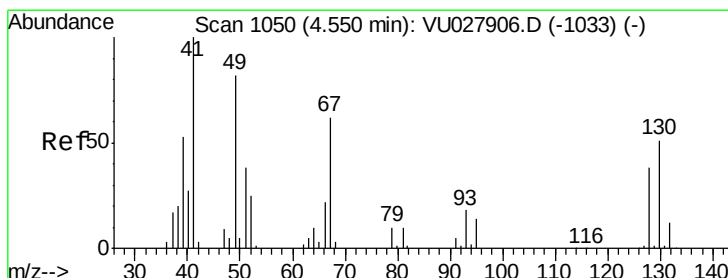
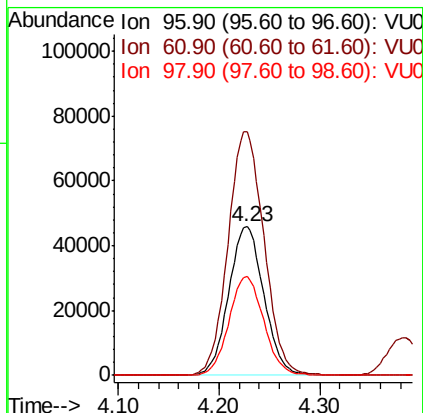
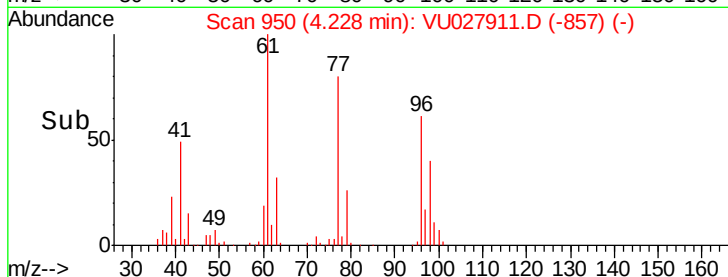
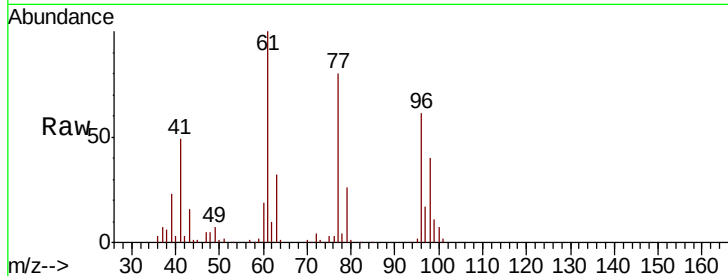


#27

cis-1,2-Dichloroethene
Concen: 48.235 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

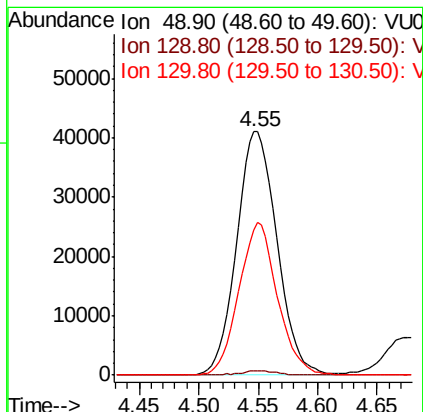
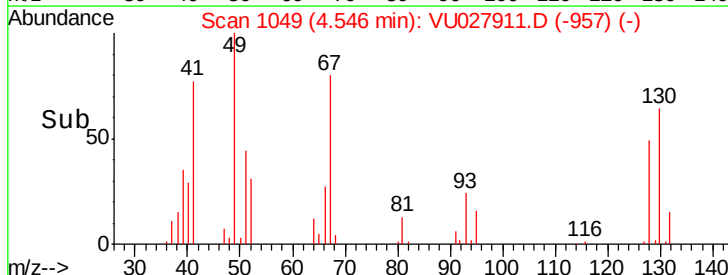
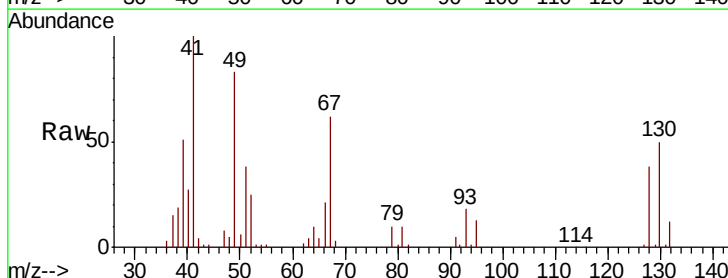
Tot Ion: 96 Resp: 111442
Ion Ratio Lower Upper
96 100
61 167.2 0.0 329.6
98 65.6 0.0 127.2

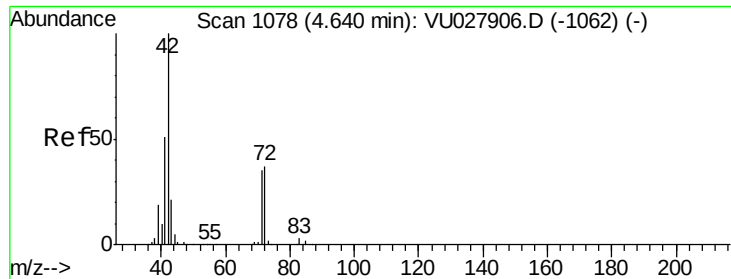


#28

Bromochloromethane
Concen: 45.848 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 49 Resp: 96442
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 59.6 47.8 71.6

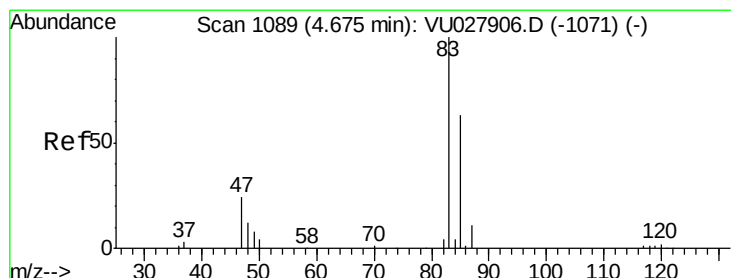
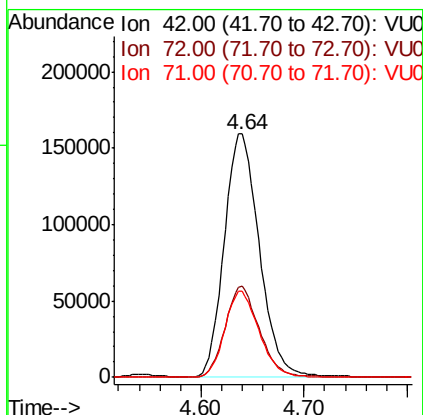
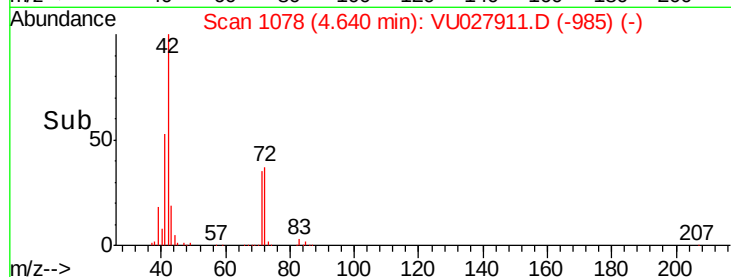
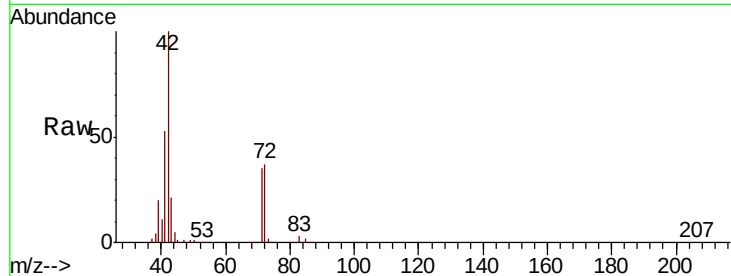




#29
Tetrahydrofuran
Concen: 225.689 ug/l
RT: 4.64 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

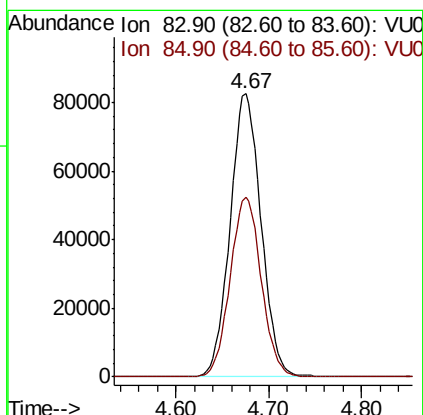
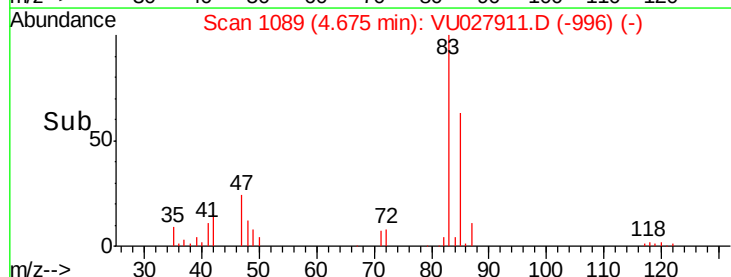
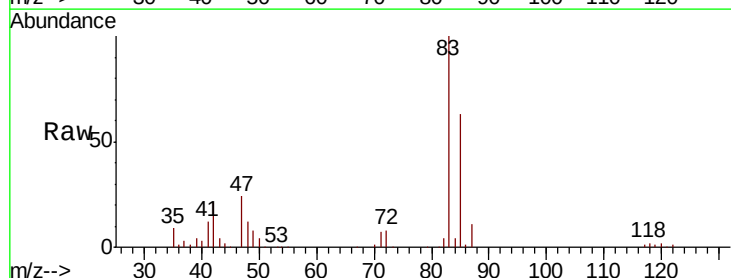
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

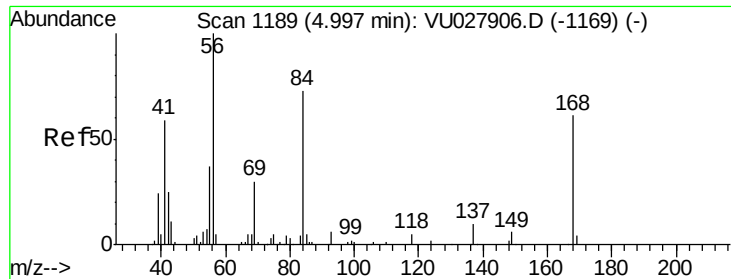
Tot Ion: 42 Resp: 376722
Ion Ratio Lower Upper
42 100
72 36.6 29.4 44.0
71 34.8 27.9 41.9



#30
Chloroform
Concen: 46.526 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 83 Resp: 191413
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0

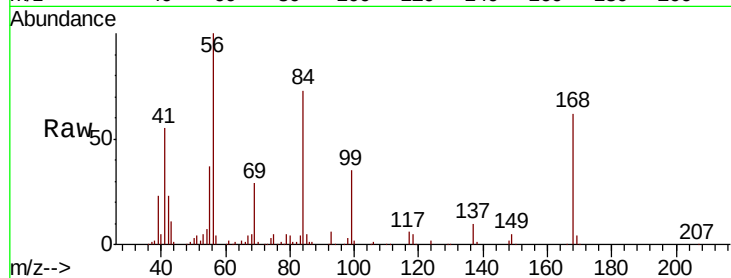




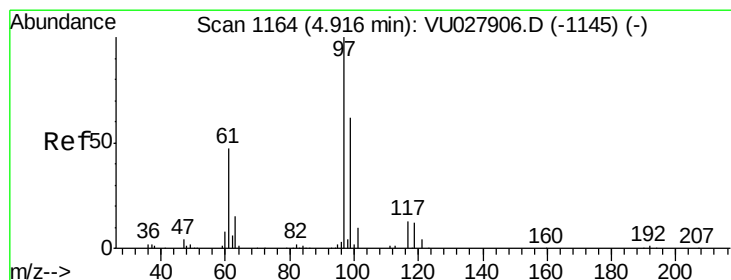
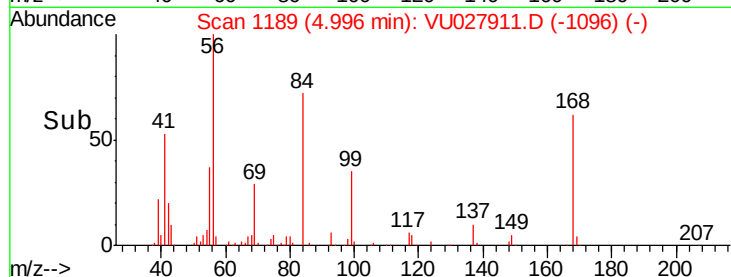
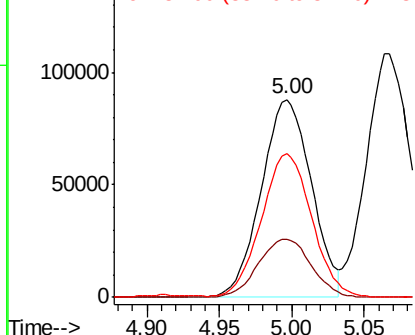
#31
Cyclohexane
Concen: 48.035 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 211797
Ion Ratio Lower Upper
56 100
69 29.1 23.7 35.5
84 71.6 58.2 87.4

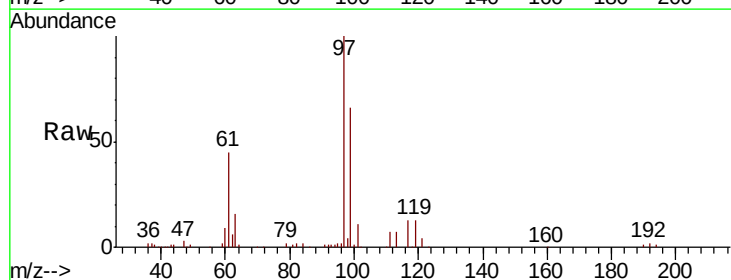


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

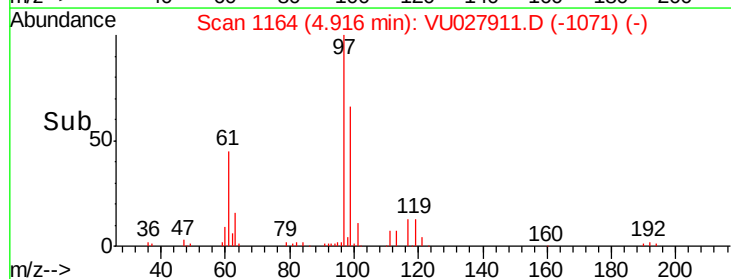
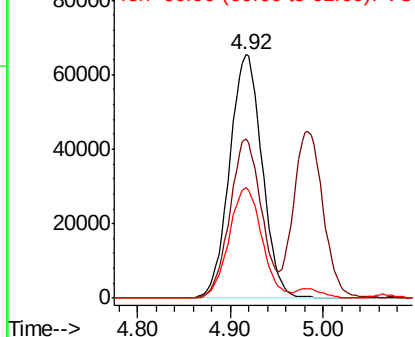


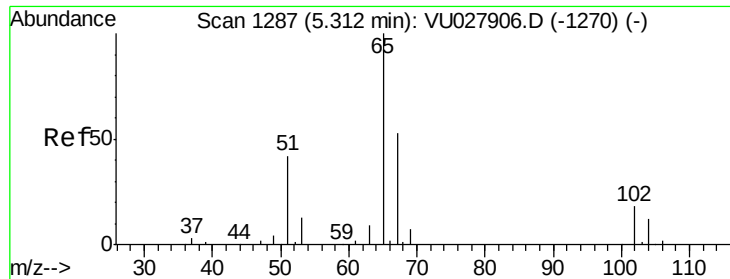
#32
1,1,1-Trichloroethane
Concen: 48.526 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 97 Resp: 158919
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 46.0 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

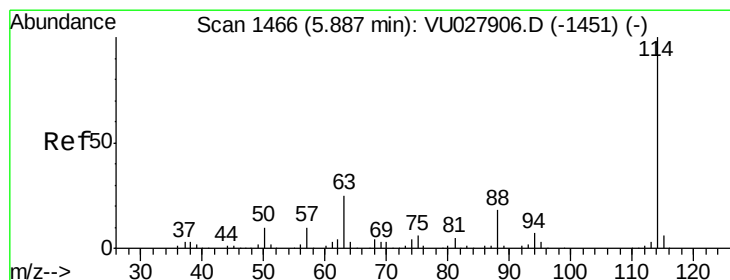
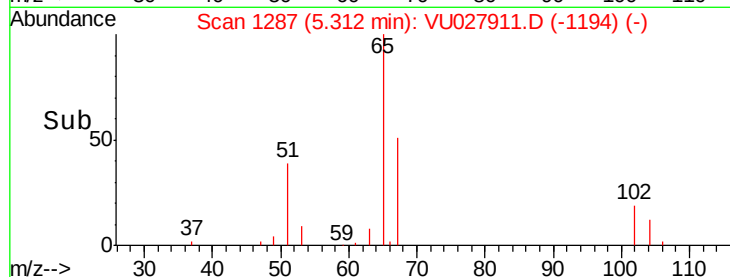
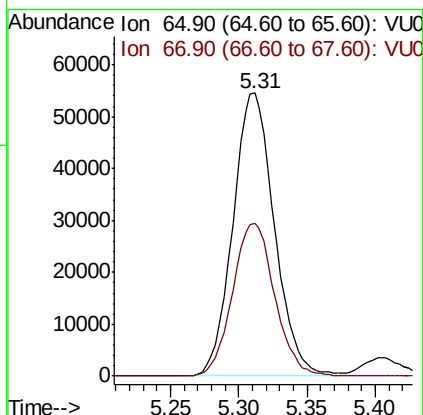
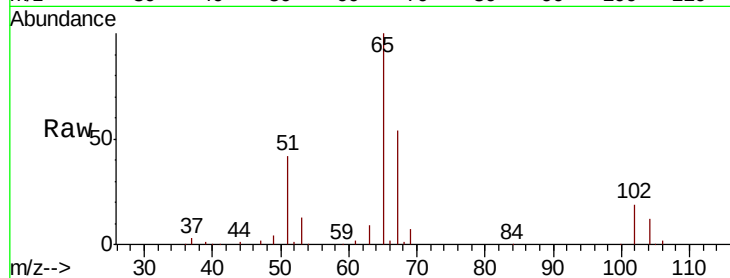




#33
 1,2-Dichloroethane-d4
 Concen: 45.459 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

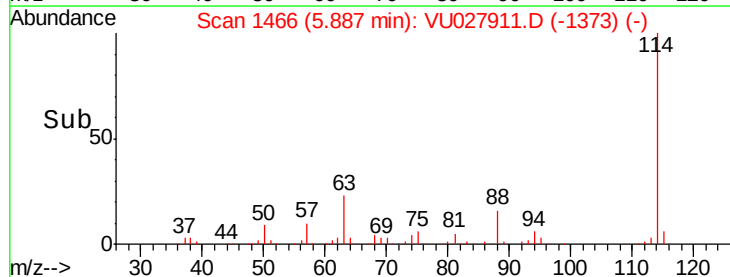
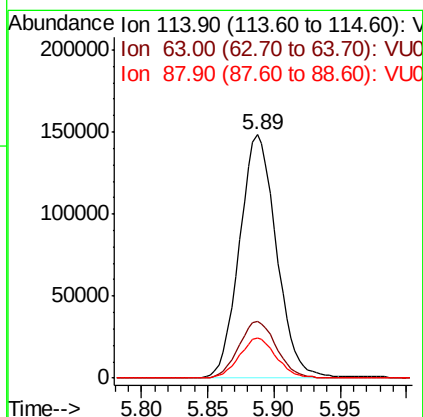
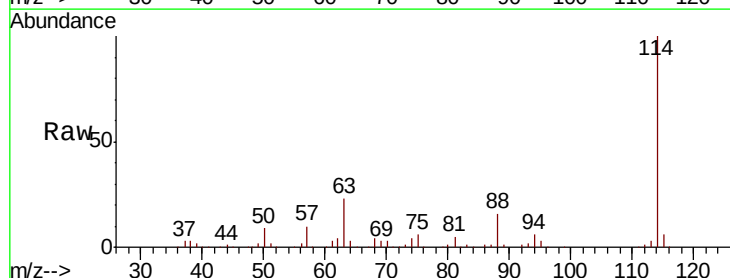
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

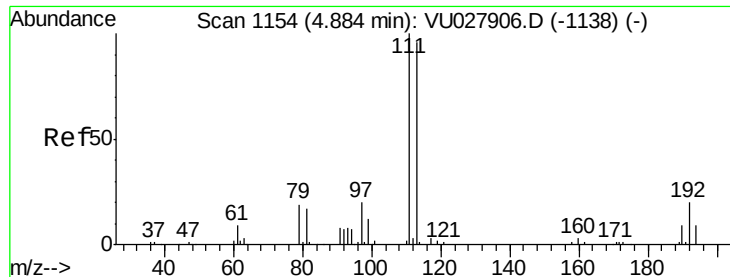
Tot Ion: 65 Resp: 115128
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 114 Resp: 287340
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 50.8
 88 16.3 0.0 35.8

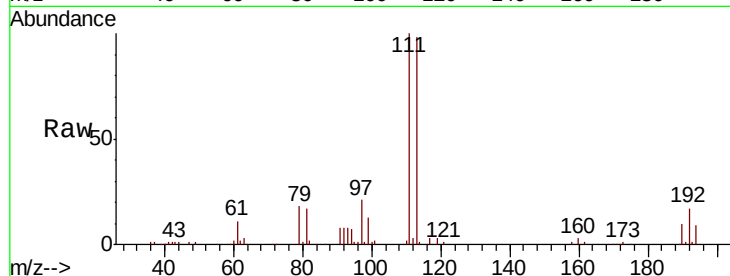




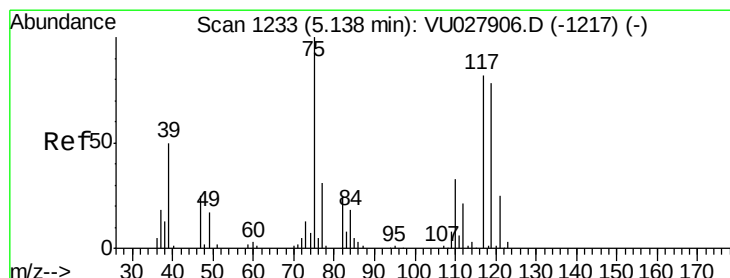
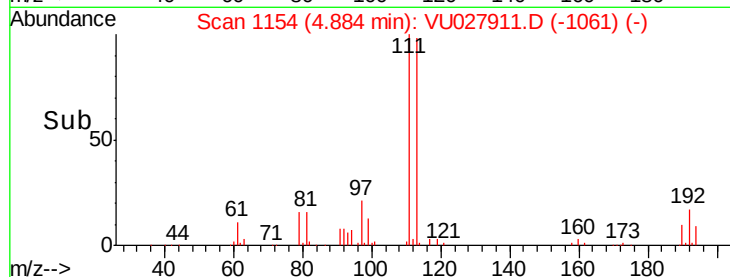
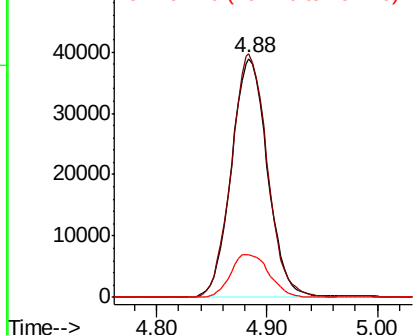
#35
 Dibromofluoromethane
 Concen: 48.787 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 88388
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.0 124.6
 192 19.2 15.6 23.4

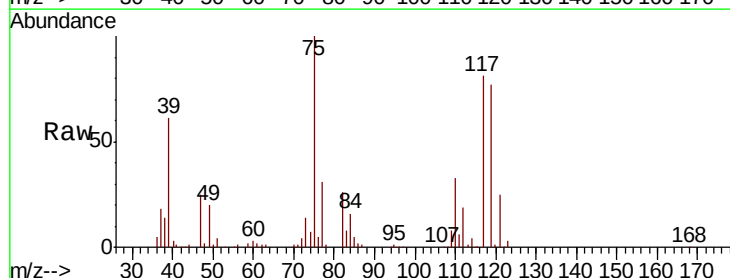


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

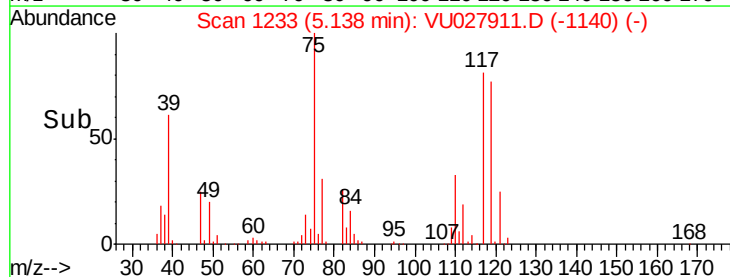
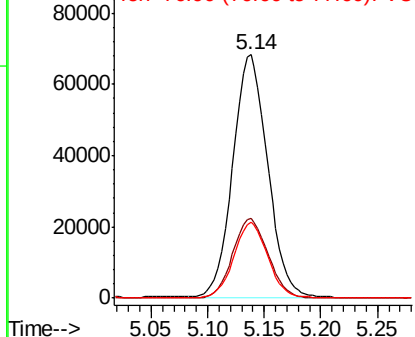


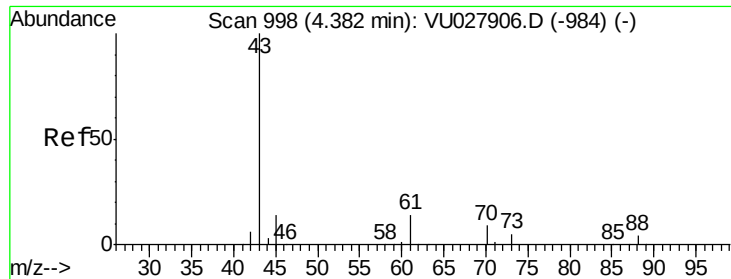
#36
 1,1-Dichloropropene
 Concen: 48.477 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 75 Resp: 145888
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.5 49.5
 77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

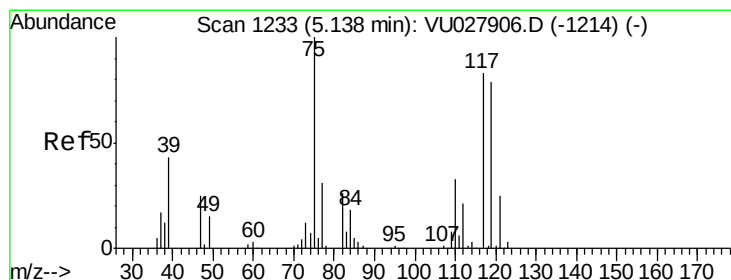
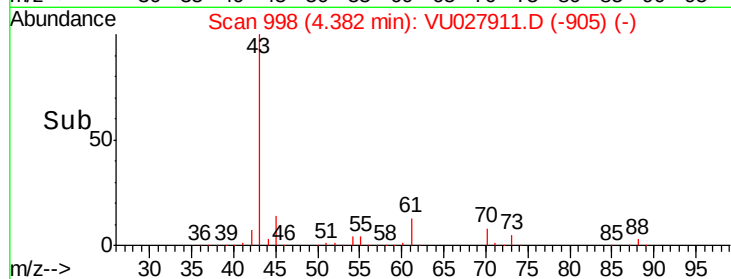
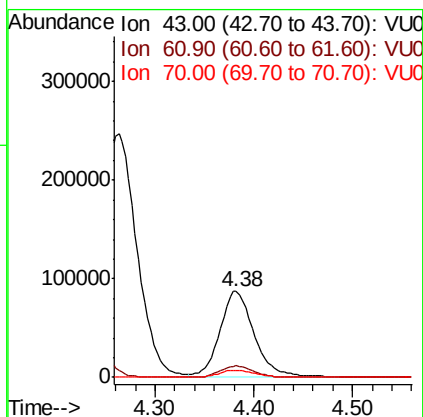
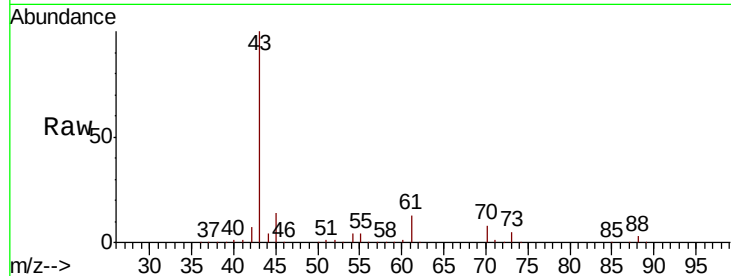




#37
Ethyl Acetate
Concen: 46.935 ug/l
RT: 4.38 min Scan# 998
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

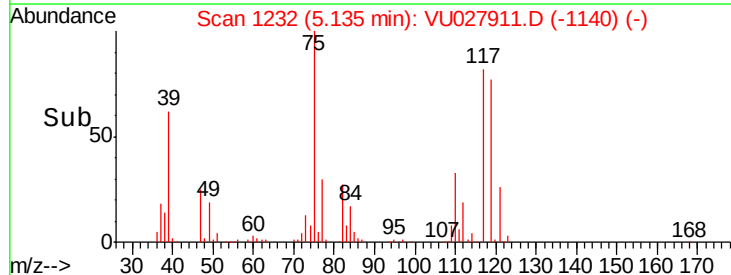
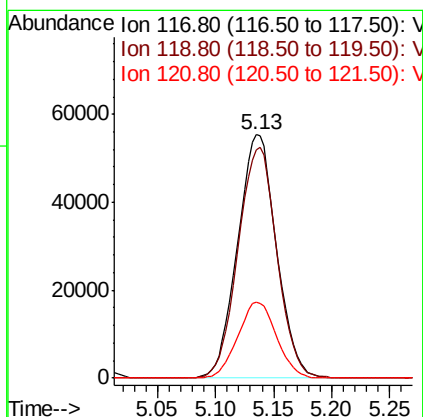
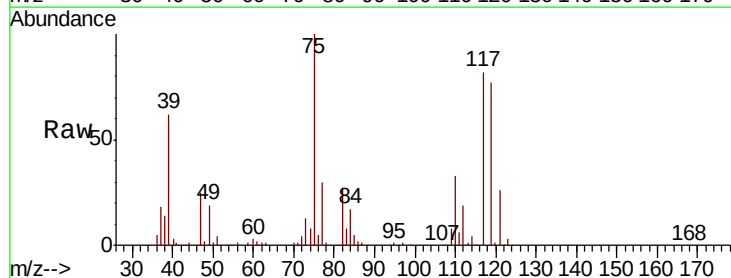
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

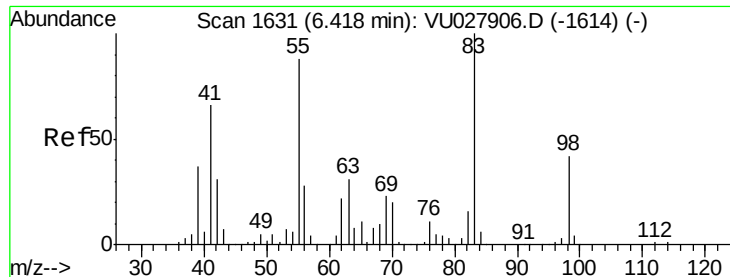
Tot Ion: 43 Resp: 206958
Ion Ratio Lower Upper
43 100
61 12.8 10.3 15.5
70 8.9 7.0 10.6



#38
Carbon Tetrachloride
Concen: 48.268 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 117 Resp: 128730
Ion Ratio Lower Upper
117 100
119 94.0 76.0 114.0
121 31.2 24.5 36.7

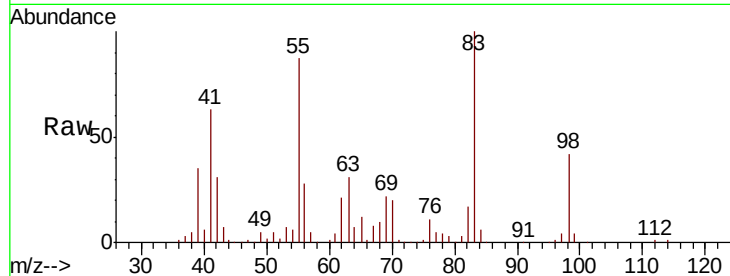




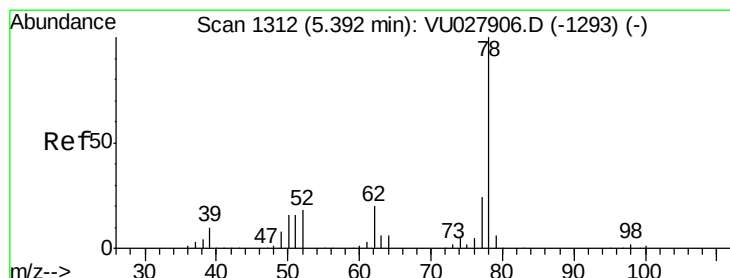
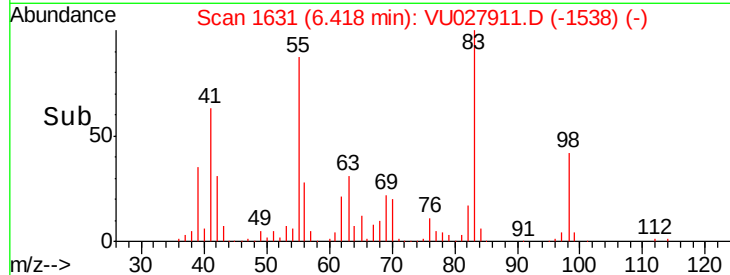
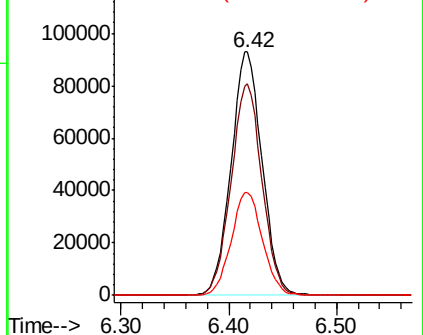
#39
Methylvlcyclohexane
Concen: 51.307 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 186230
Ion Ratio Lower Upper
83 100
55 86.7 70.3 105.5
98 42.4 34.0 51.0

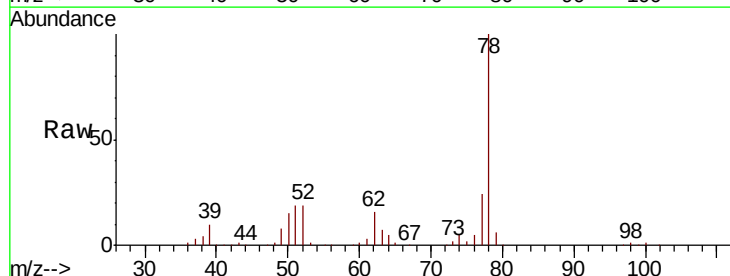


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

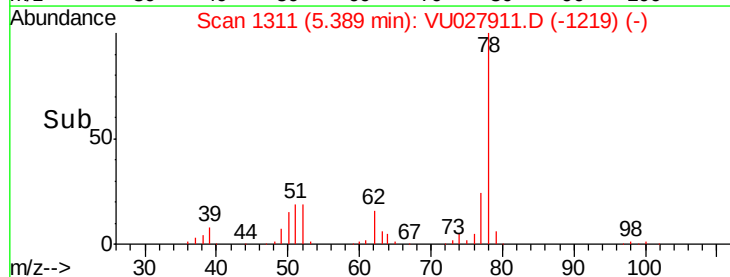
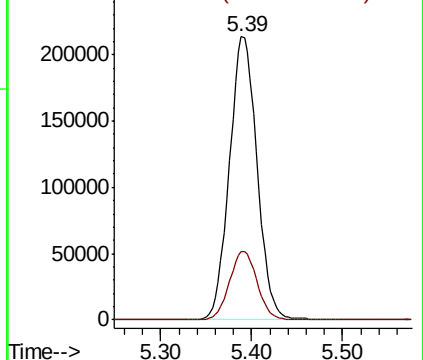


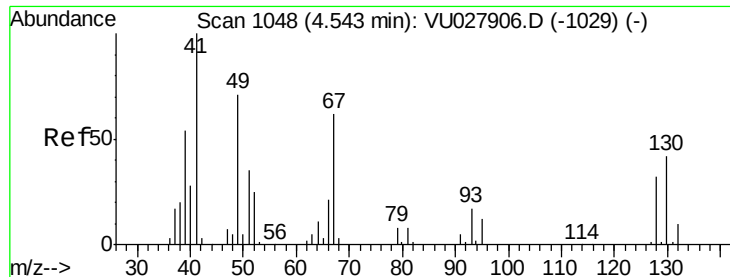
#40
Benzene
Concen: 49.039 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 78 Resp: 451199
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

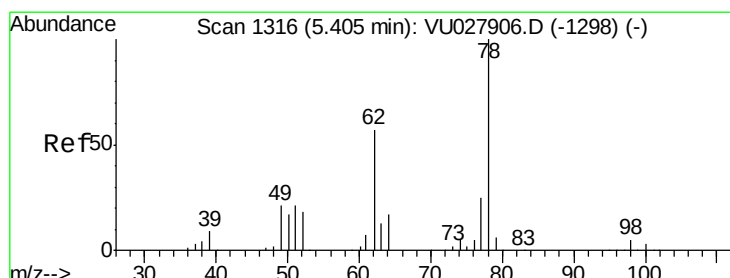
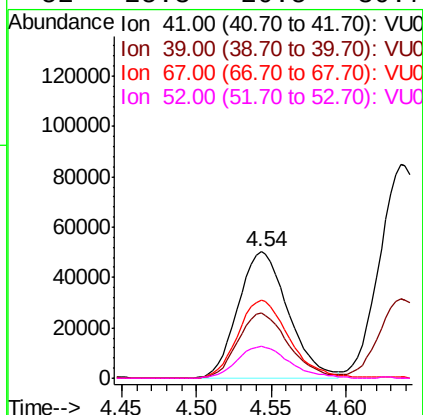
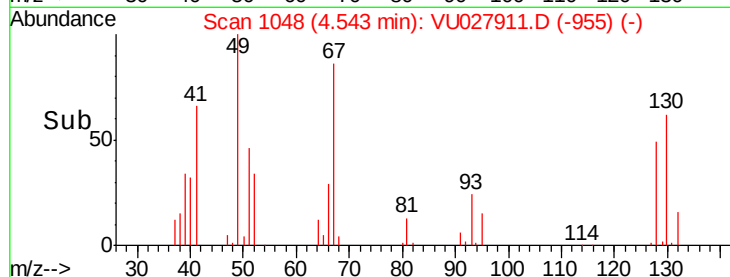
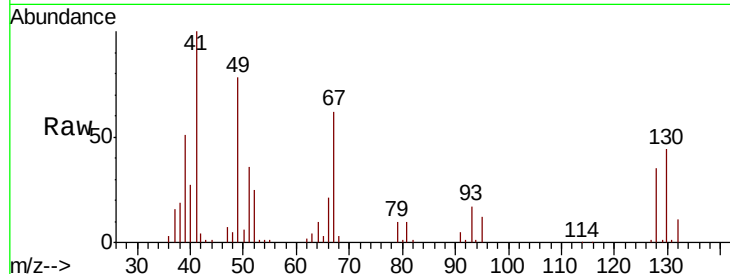




#41
Methacrylonitrile
Concen: 49.846 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

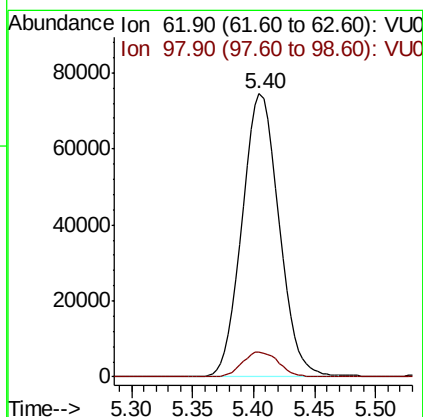
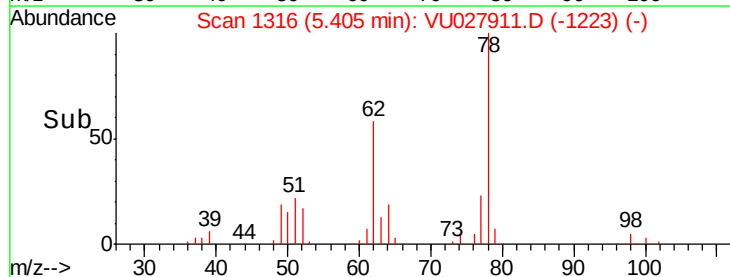
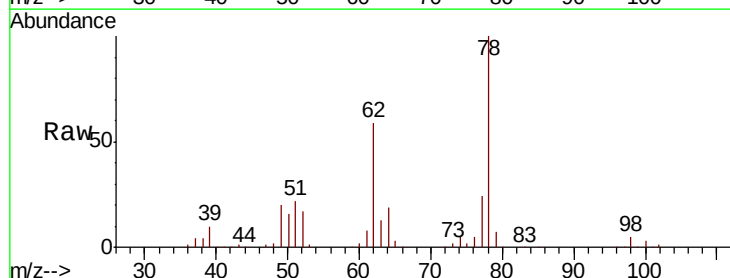
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

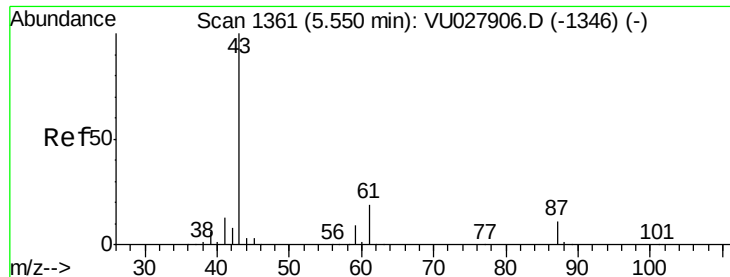
Tot Ion:	41	Resp:	117298
Ion	Ratio	Lower	Upper
41	100		
39	52.0	42.2	63.4
67	63.4	49.5	74.3
52	25.3	20.5	30.7



#42
1,2-Dichloroethane
Concen: 47.806 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion:	62	Resp:	156350
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 48.474 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

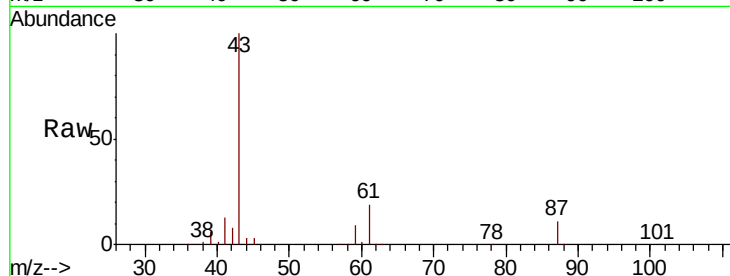
Tot Ion: 43 Resp: 334877

Ion Ratio Lower Upper

43 100

61 18.7 15.0 22.4

87 10.5 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) (-)

5.55

200000

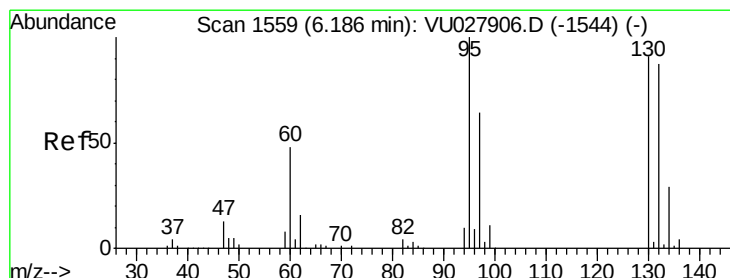
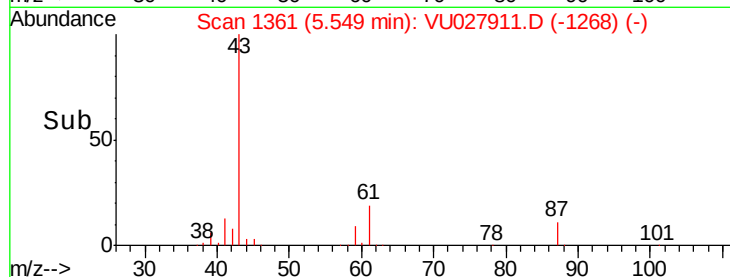
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 49.835 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027911.D

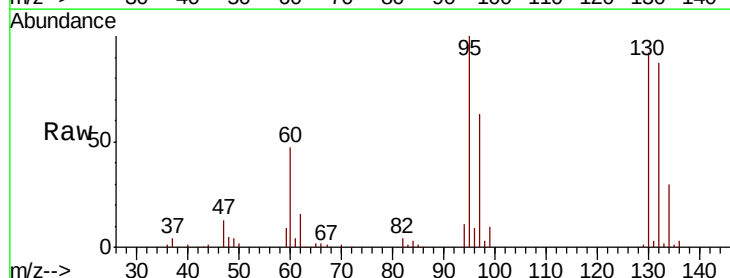
Acq: 02 Nov 2018 09:10

Tgt Ion:130 Resp: 98562

Ion Ratio Lower Upper

130 100

95 108.7 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) (-)

6.19

60000

50000

40000

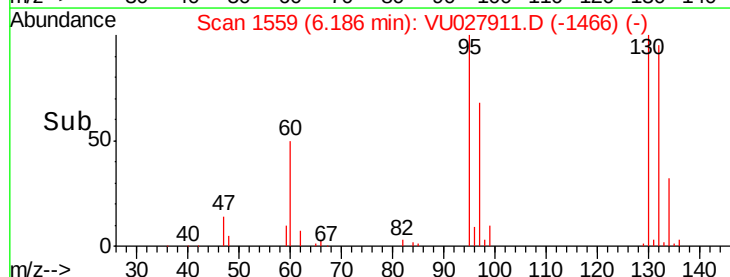
30000

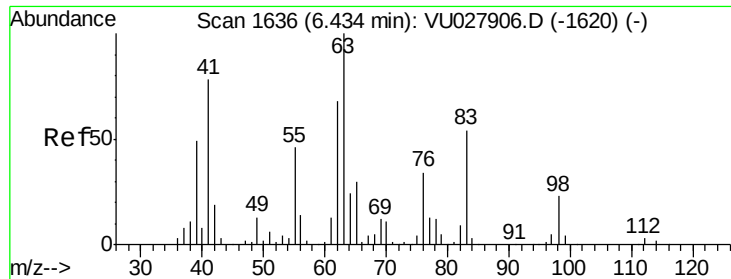
20000

10000

0

Time-->

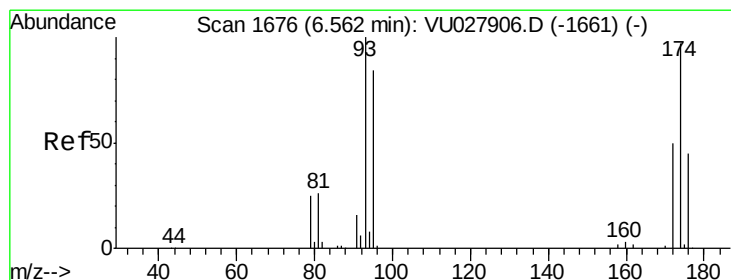
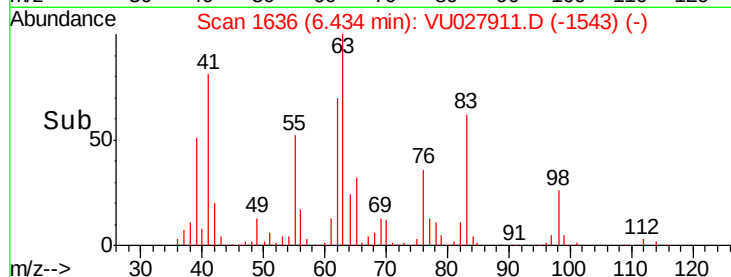
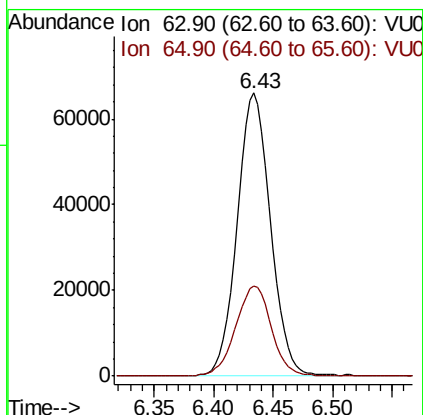
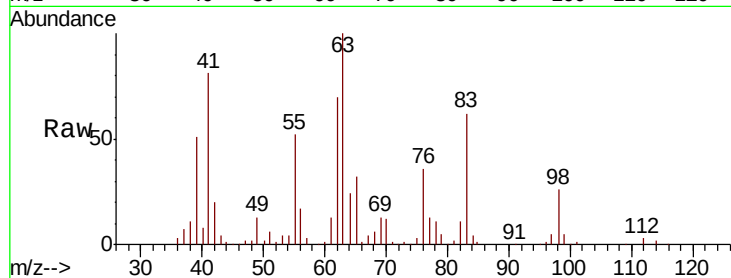




#45
 1,2-Dichloropropane
 Concen: 48.376 ug/l
 RT: 6.43 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

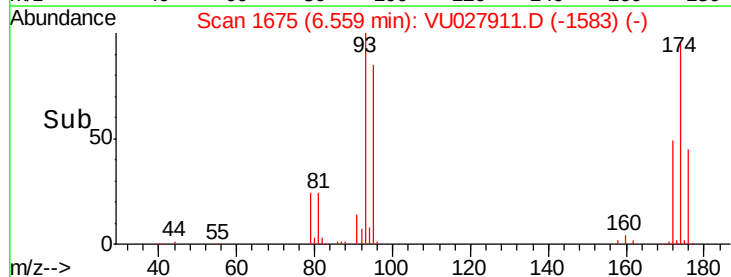
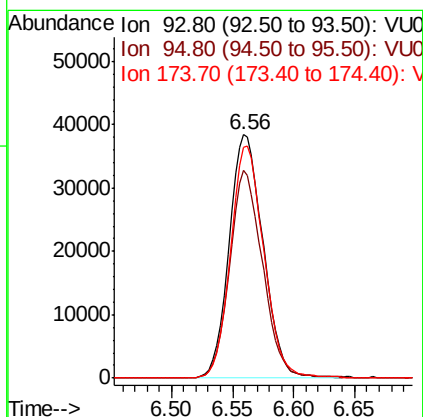
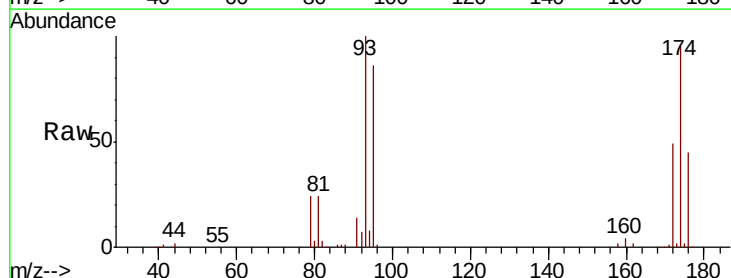
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

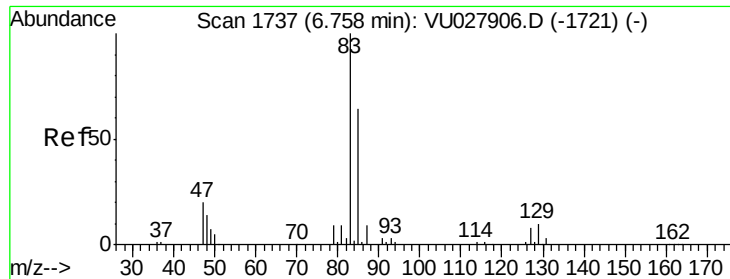
Tot Ion: 63 Resp: 128365
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6



#46
 Dibromomethane
 Concen: 48.614 ug/l
 RT: 6.56 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 93 Resp: 74148
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.5 102.7
 174 93.9 76.1 114.1





#47

Bromodichloromethane

Concen: 49.789 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

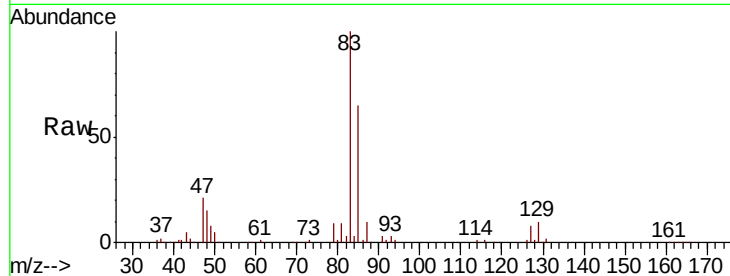
Tot Ion: 83 Resp: 146347

Ion Ratio Lower Upper

83 100

85 65.0 51.0 76.6

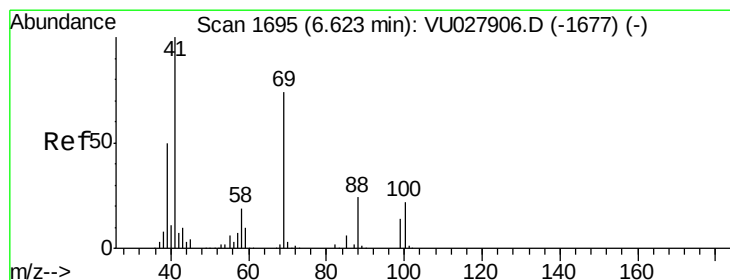
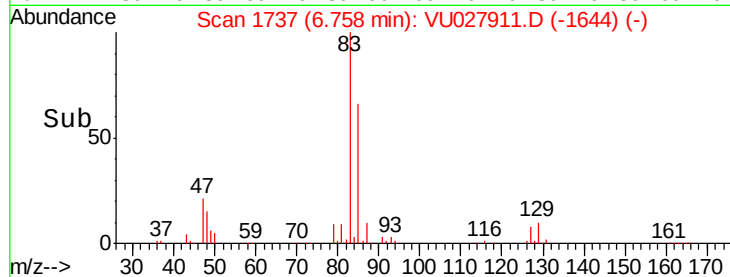
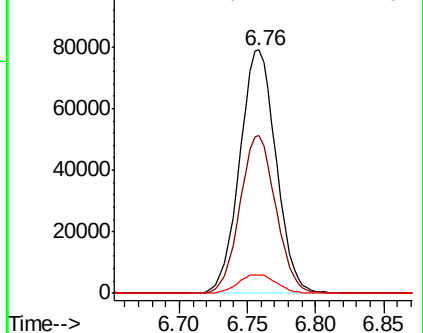
127 7.5 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VU027911.D (-1644) (-)

Ion 84.90 (84.60 to 85.60): VU027911.D (-1644) (-)

Ion 126.80 (126.50 to 127.50): VU027911.D (-1644) (-)



#48

Methyl methacrylate

Concen: 49.384 ug/l

RT: 6.62 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

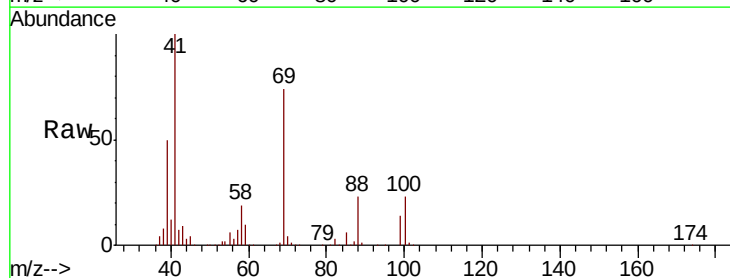
Tgt Ion: 41 Resp: 167182

Ion Ratio Lower Upper

41 100

69 75.5 59.8 89.8

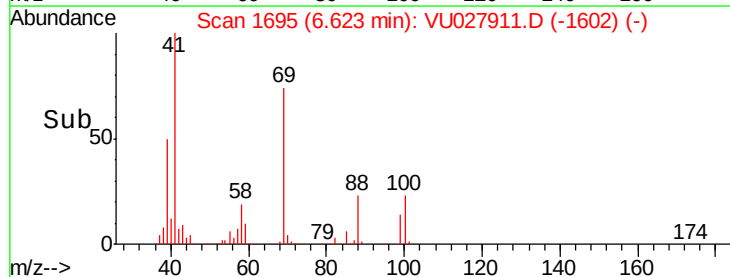
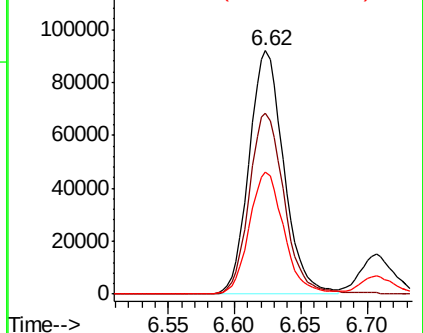
39 49.9 40.0 60.0

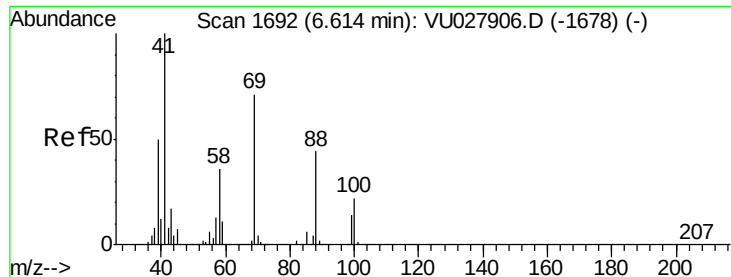


Abundance Ion 41.00 (40.70 to 41.70): VU027911.D (-1602) (-)

Ion 69.00 (68.70 to 69.70): VU027911.D (-1602) (-)

Ion 39.00 (38.70 to 39.70): VU027911.D (-1602) (-)





#49

1,4-Dioxane

Concen: 987.663 ug/l

RT: 6.61 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

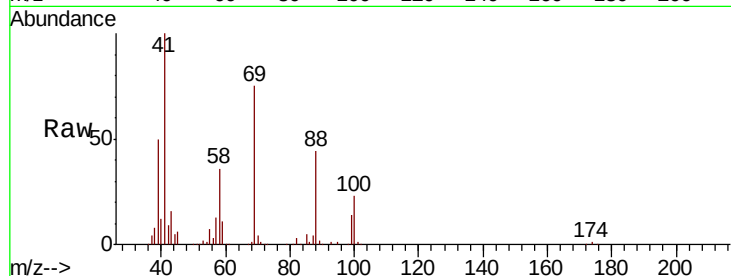
Tot Ion: 88 Resp: 54551

Ion Ratio Lower Upper

88 100

43 37.7 30.5 45.7

58 82.5 67.1 100.7

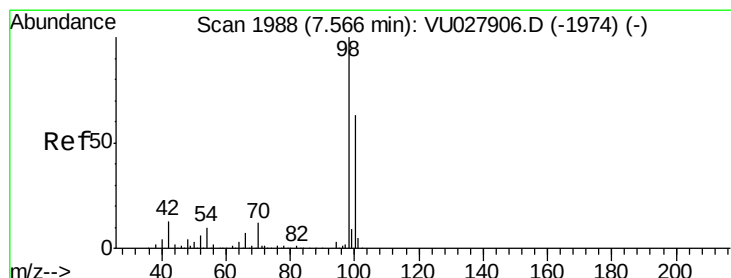
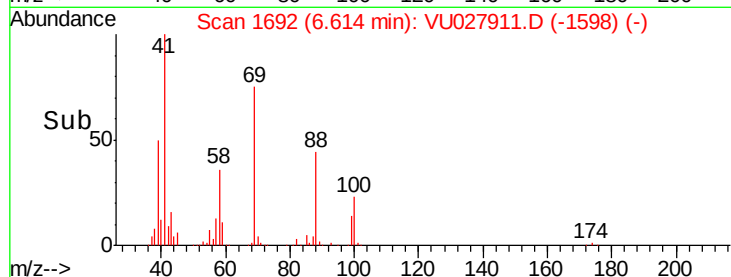
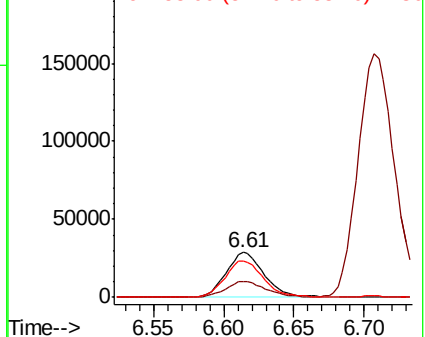


Abundance

Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#50

Toluene-d8

Concen: 48.414 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027911.D

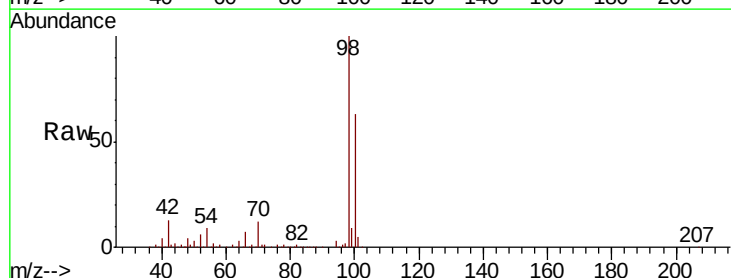
Acq: 02 Nov 2018 09:10

Tgt Ion: 98 Resp: 338825

Ion Ratio Lower Upper

98 100

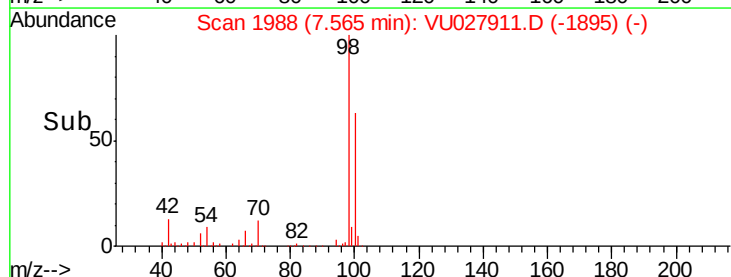
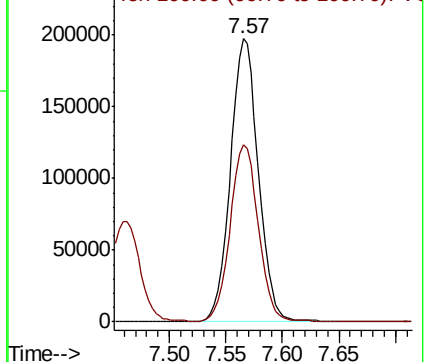
100 63.0 50.1 75.1

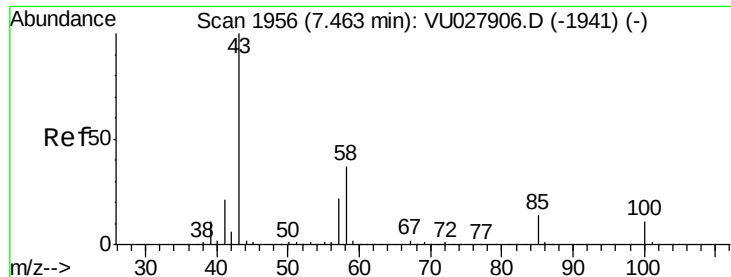


Abundance

Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 235.418 ug/l

RT: 7.46 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

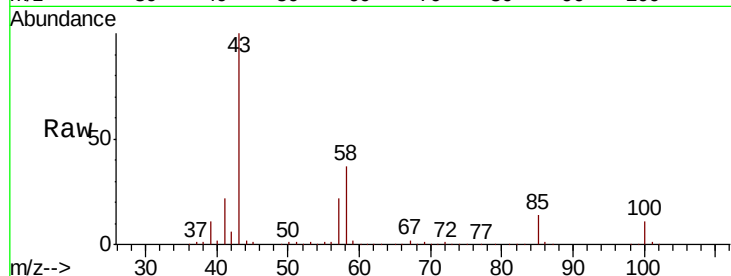
VSTDCCC050

Tot Ion: 43 Resp: 1086124

Ion Ratio Lower Upper

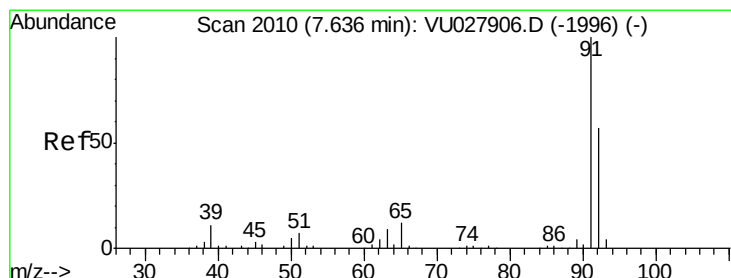
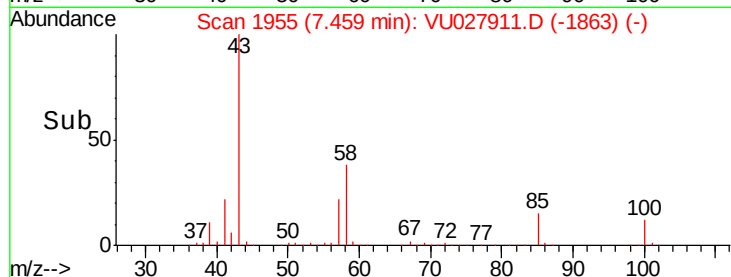
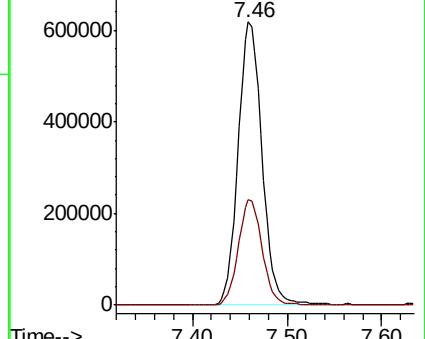
43 100

58 37.2 29.5 44.3



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

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



#52

Toluene

Concen: 49.189 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU027911.D

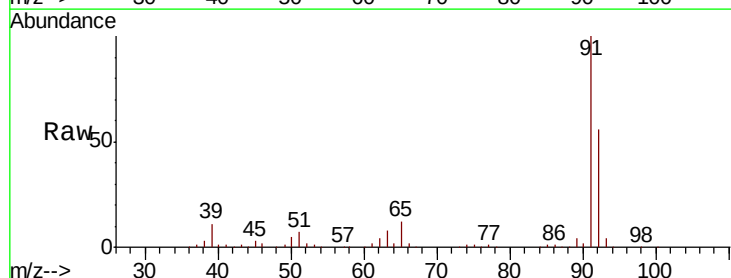
Acq: 02 Nov 2018 09:10

Tgt Ion: 92 Resp: 266072

Ion Ratio Lower Upper

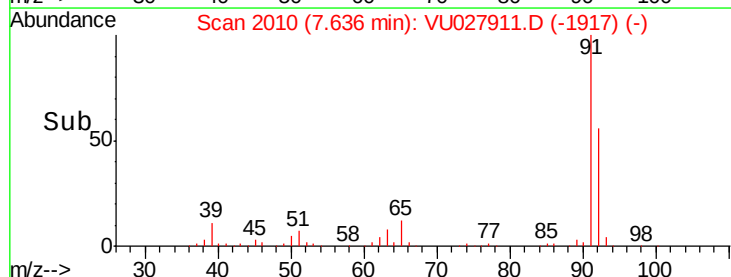
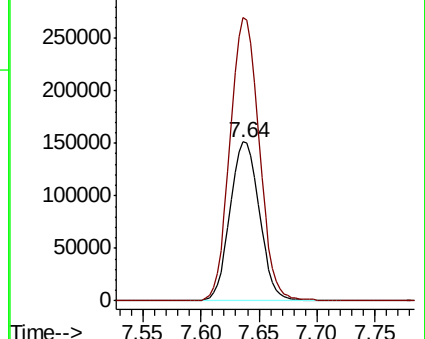
92 100

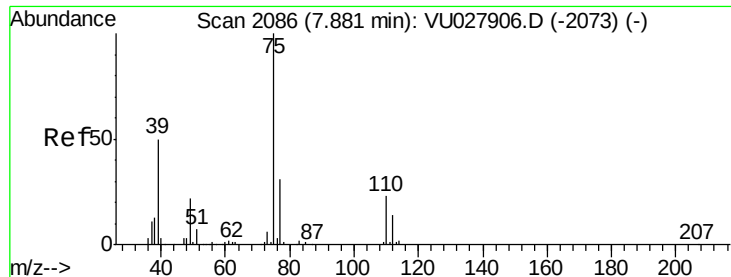
91 176.5 141.2 211.8



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

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





#53

t-1,3-Dichloropropene

Concen: 48.403 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

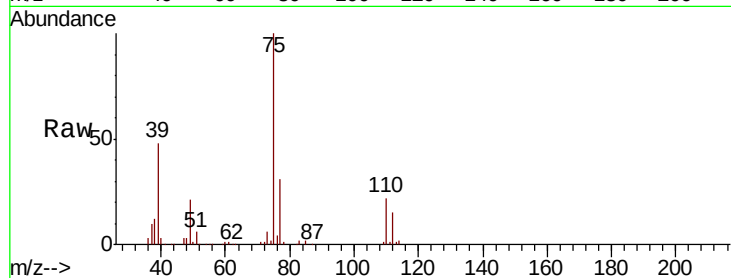
VSTDCCC050

Tot Ion: 75 Resp: 176298

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

7.88

120000

100000

80000

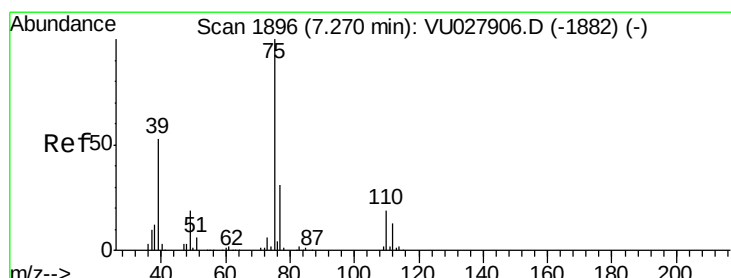
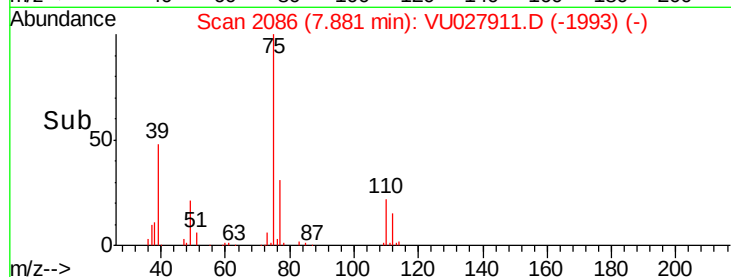
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.173 ug/l

RT: 7.27 min Scan# 1896

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

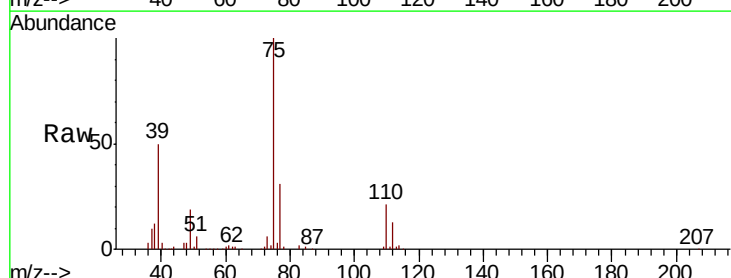
Tgt Ion: 75 Resp: 189049

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

39 50.2 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0

7.27

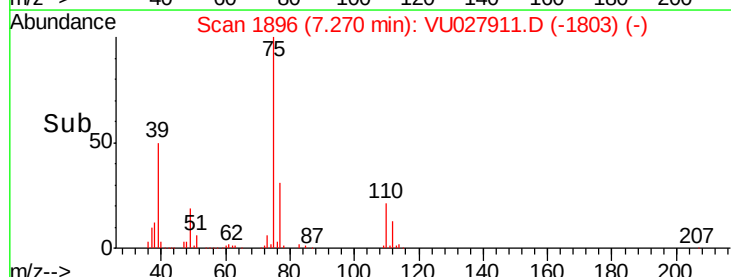
150000

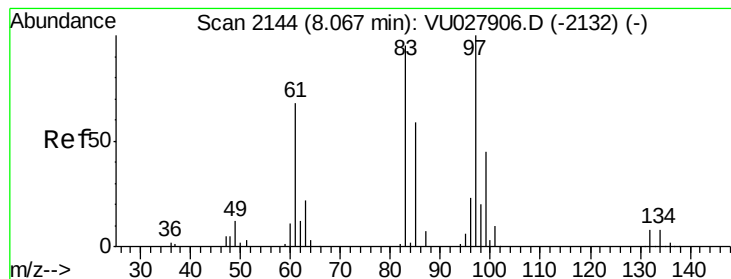
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.210 ug/l

RT: 8.07 min Scan# 2144

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 106096

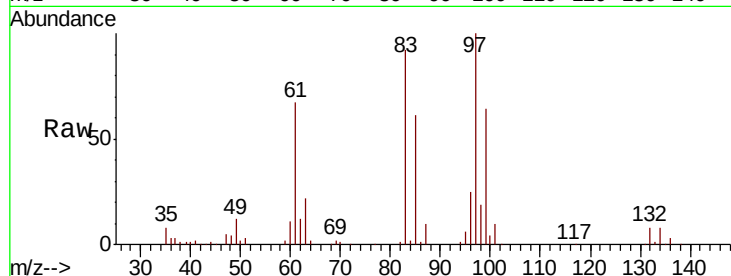
Ion Ratio Lower Upper

97 100

83 92.8 76.1 114.1

85 61.4 48.9 73.3

99 63.5 52.0 78.0

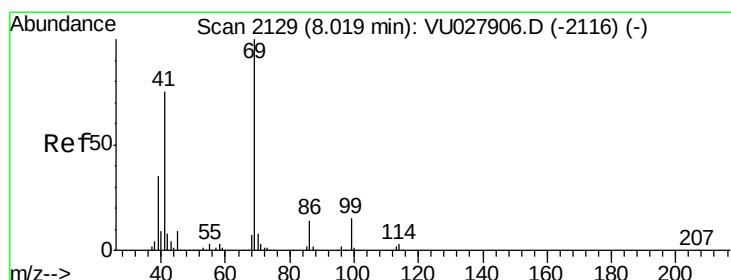
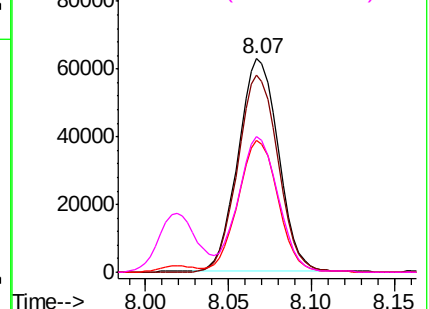
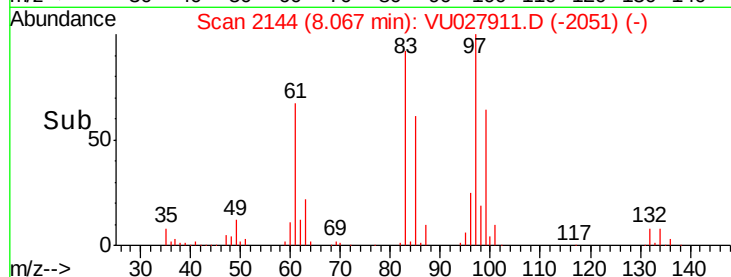


Abundance Ion 96.90 (96.60 to 97.60): VU027906.D (-2132) (-)

Ion 82.90 (82.60 to 83.60): VU027906.D (-2132) (-)

Ion 84.90 (84.60 to 85.60): VU027906.D (-2132) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-2132) (-)



#56

Ethyl methacrylate

Concen: 50.128 ug/l

RT: 8.02 min Scan# 2129

Delta R.T. 0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

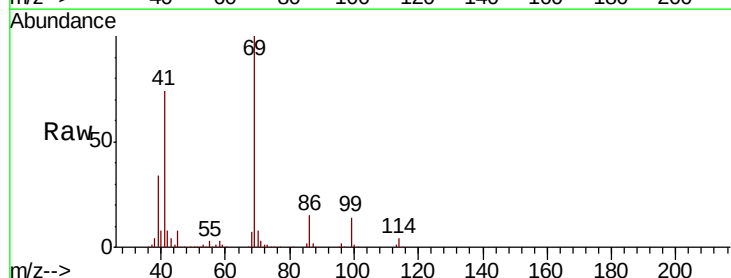
Tgt Ion: 69 Resp: 194542

Ion Ratio Lower Upper

69 100

41 74.6 59.8 89.6

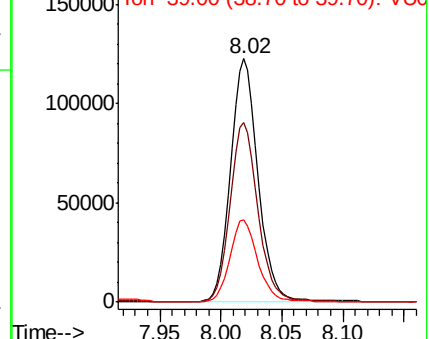
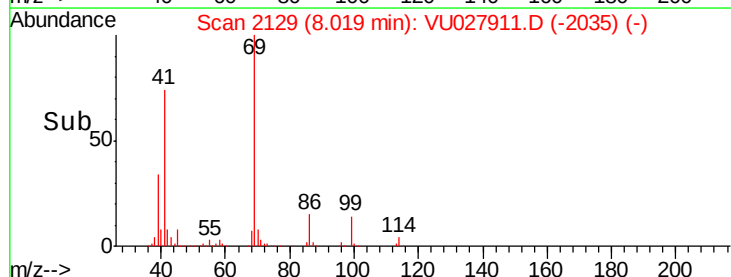
39 33.8 28.6 42.8

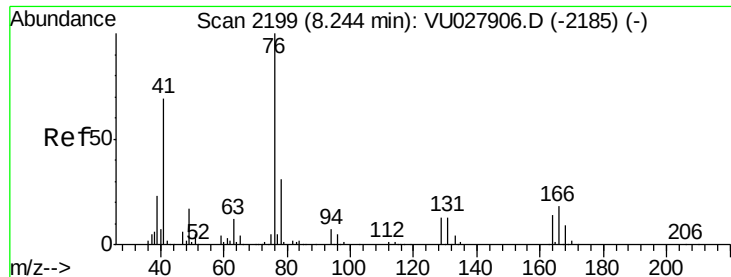


Abundance Ion 69.00 (68.70 to 69.70): VU027906.D (-2116) (-)

Ion 41.00 (40.70 to 41.70): VU027906.D (-2116) (-)

Ion 39.00 (38.70 to 39.70): VU027906.D (-2116) (-)





#57

1,3-Dichloropropane

Concen: 48.658 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

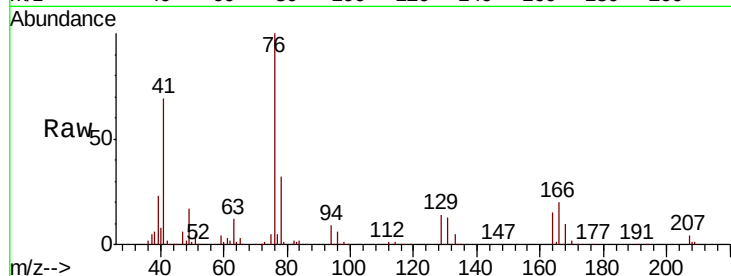
VSTDCCC050

Tot Ion: 76 Resp: 195057

Ion Ratio Lower Upper

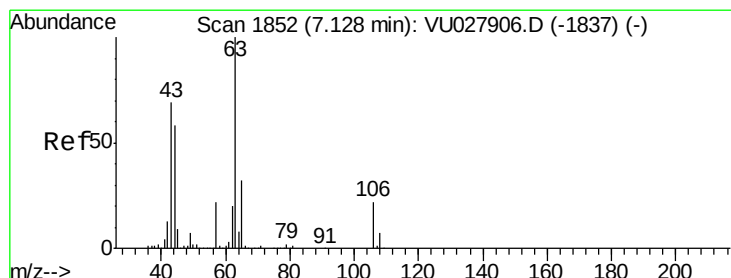
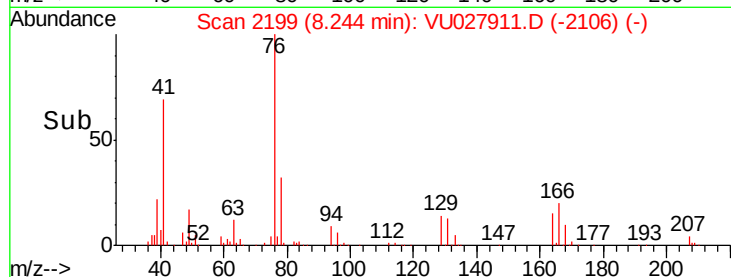
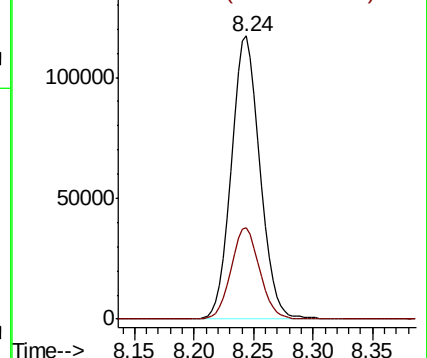
76 100

78 32.3 25.3 37.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 266.413 ug/l

RT: 7.13 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VU027911.D

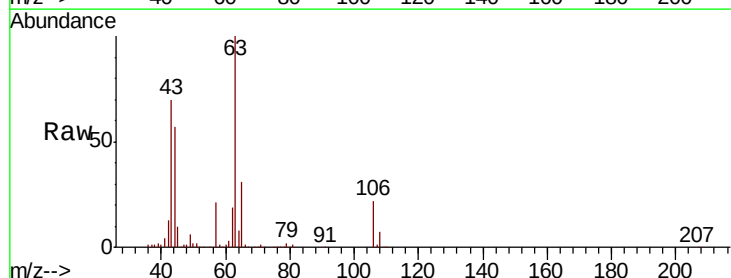
Acq: 02 Nov 2018 09:10

Tgt Ion: 63 Resp: 553742

Ion Ratio Lower Upper

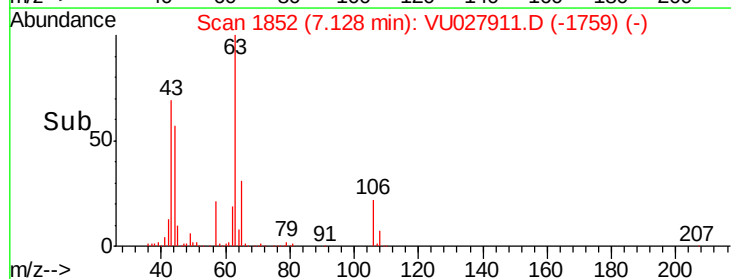
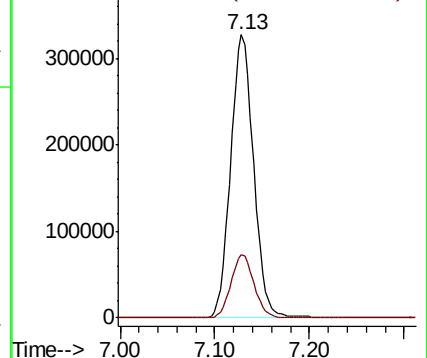
63 100

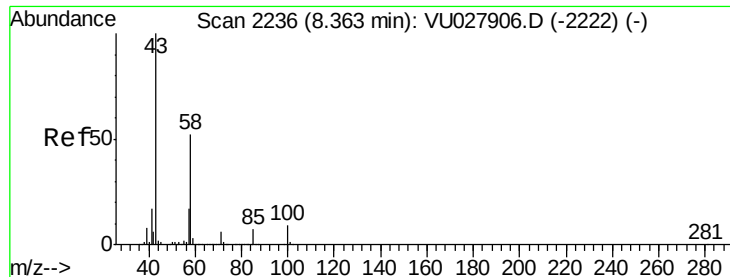
106 22.3 17.8 26.6



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 241.140 ug/l

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

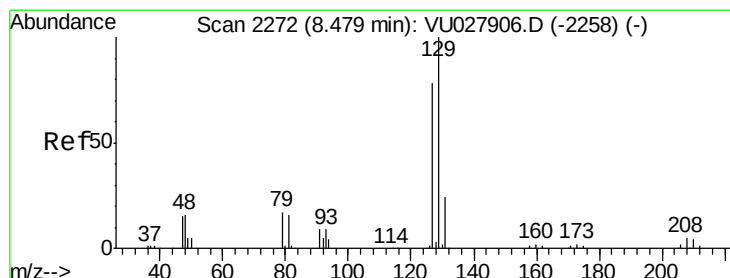
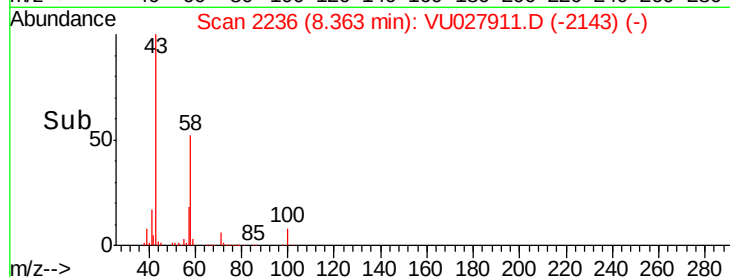
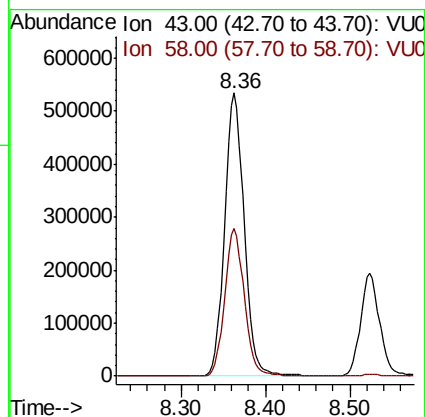
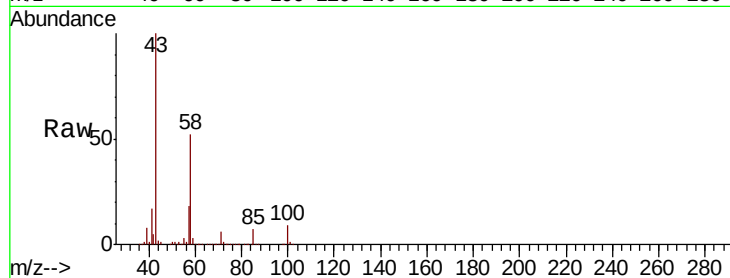
VSTDCCC050

Tot Ion: 43 Resp: 860461

Ion Ratio Lower Upper

43 100

58 52.3 25.8 77.3



#60

Dibromochloromethane

Concen: 51.143 ug/l

RT: 8.48 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VU027911.D

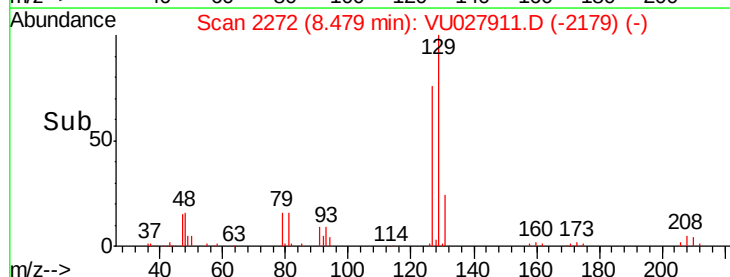
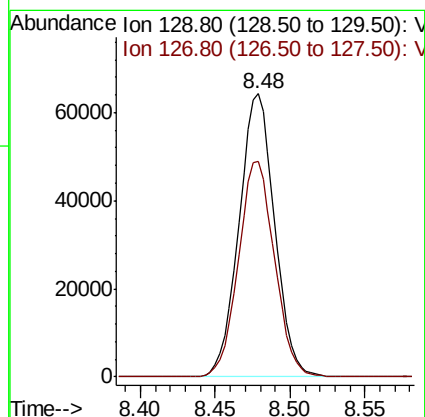
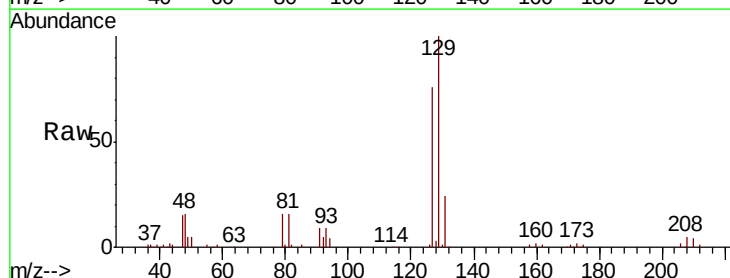
Acq: 02 Nov 2018 09:10

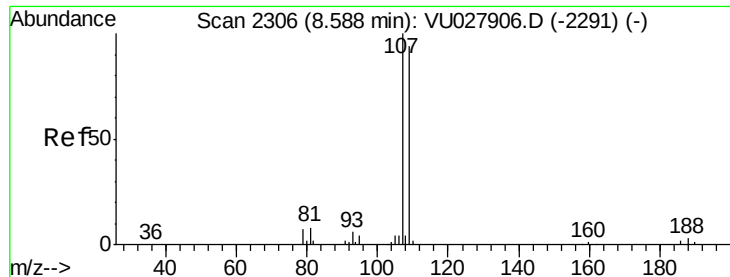
Tgt Ion: 129 Resp: 106504

Ion Ratio Lower Upper

129 100

127 77.3 39.2 117.6

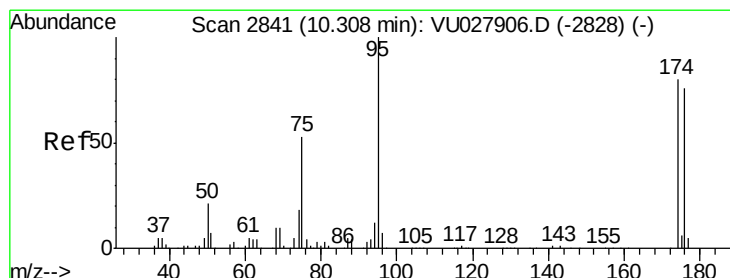
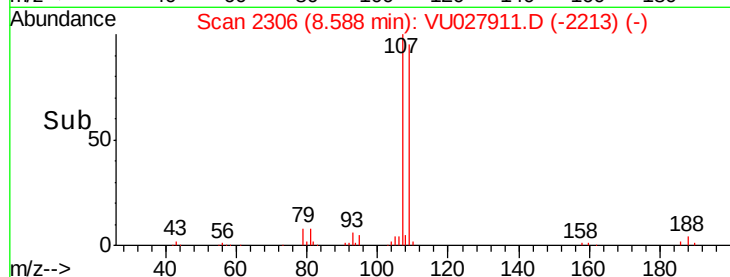
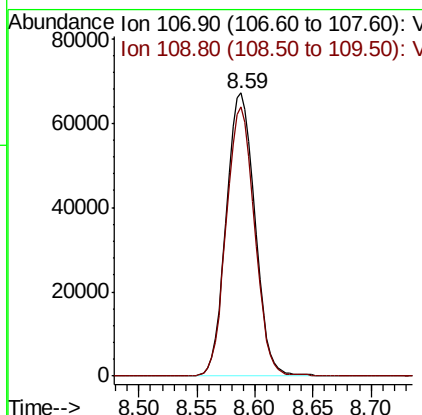
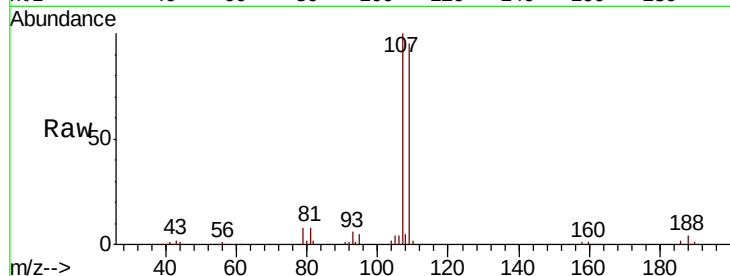




#61
 1,2-Dibromoethane
 Concen: 49.053 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

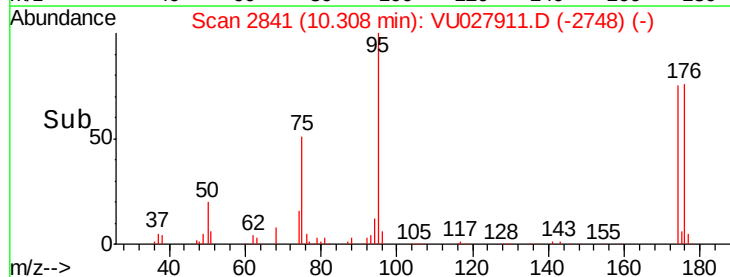
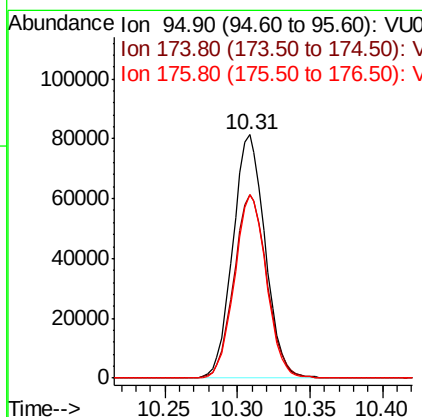
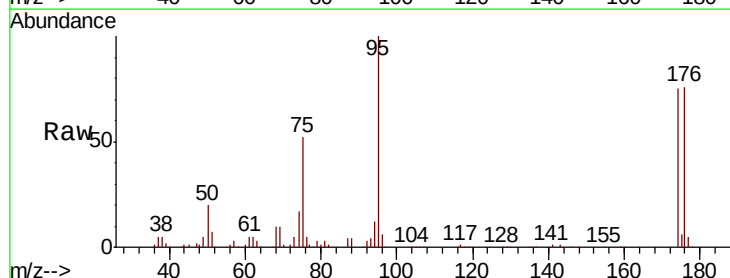
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

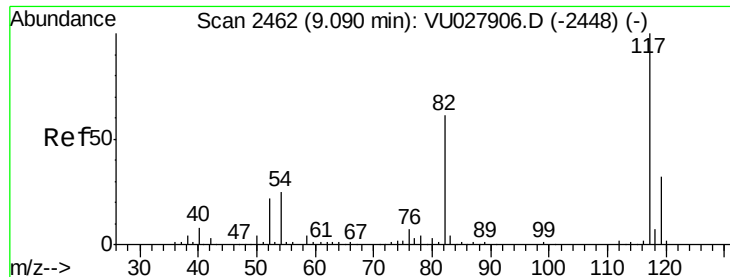
Tot Ion:107 Resp: 114706
 Ion Ratio Lower Upper
 107 100
 109 94.0 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 48.648 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 95 Resp: 125578
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 156.4
 176 74.4 0.0 150.8

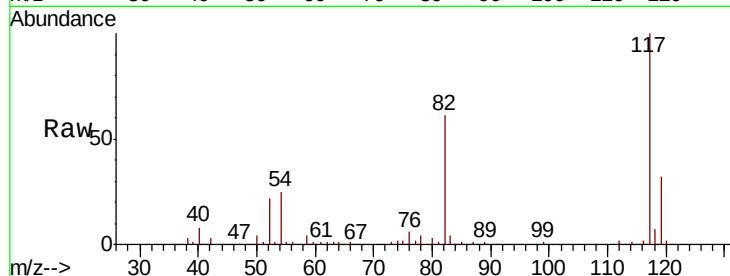




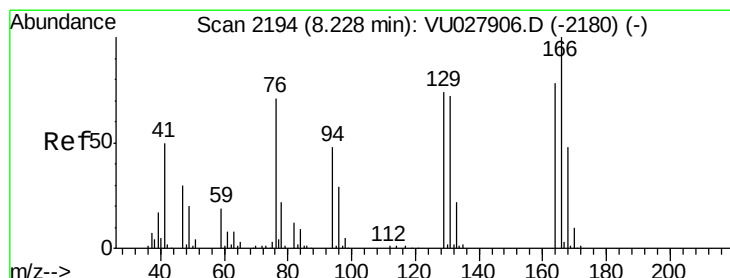
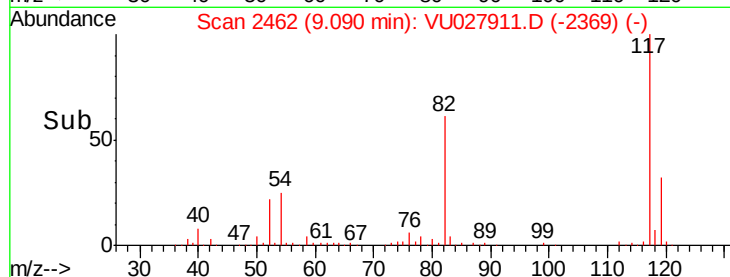
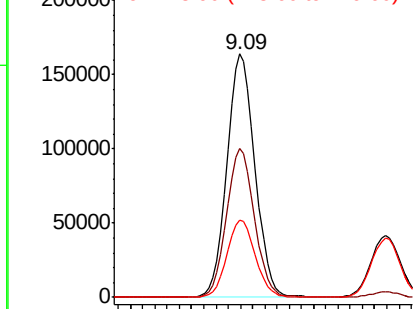
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 263819
Ion Ratio Lower Upper
117 100
82 61.1 48.6 73.0
119 31.9 25.8 38.8



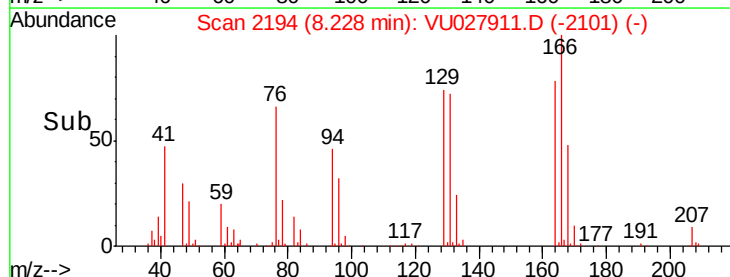
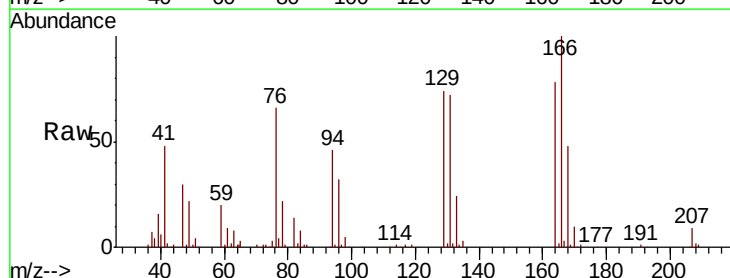
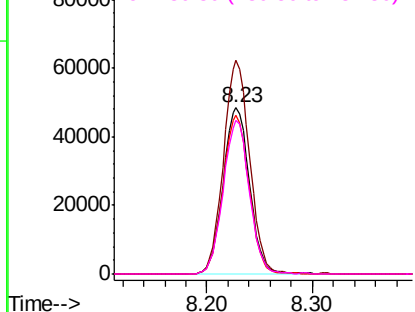
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027911.D (-2369) (-)
Ion 118.90 (118.60 to 119.60): V

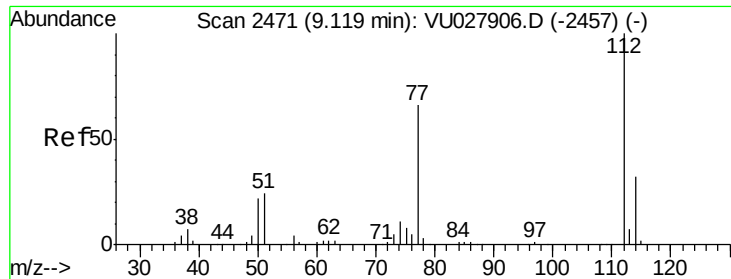


#64
Tetrachloroethene
Concen: 49.156 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion:164 Resp: 84090
Ion Ratio Lower Upper
164 100
166 128.6 102.1 153.1
129 95.7 75.9 113.9
131 92.1 73.0 109.6

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

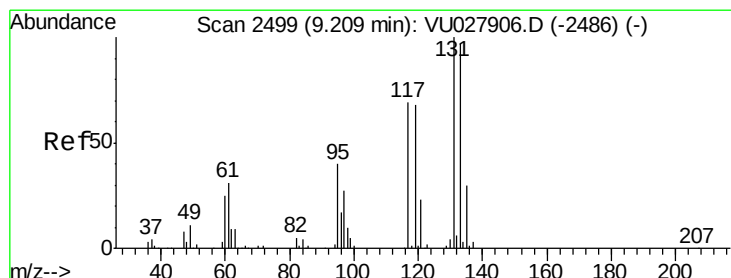
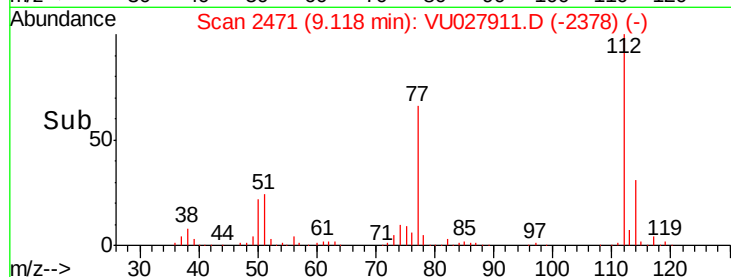
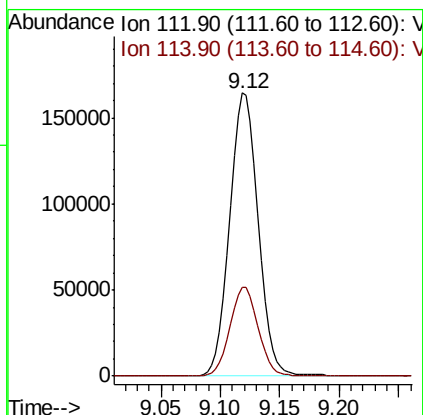
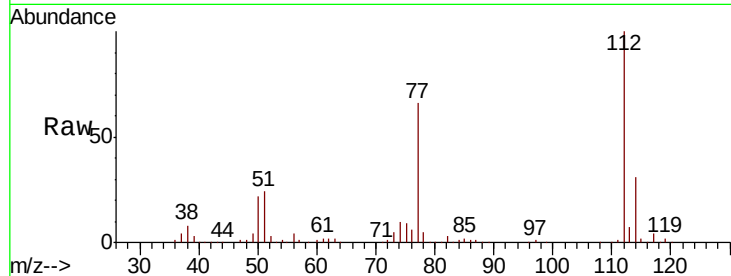




#65
Chlorobenzene
Concen: 49.082 ug/l
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

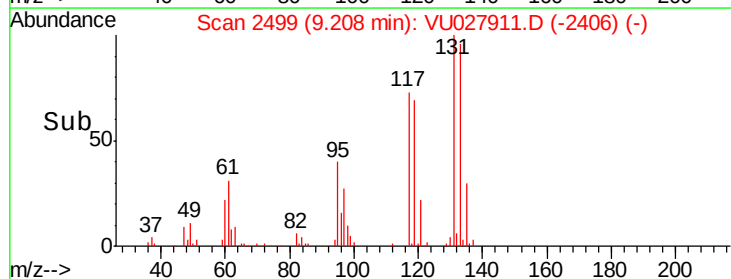
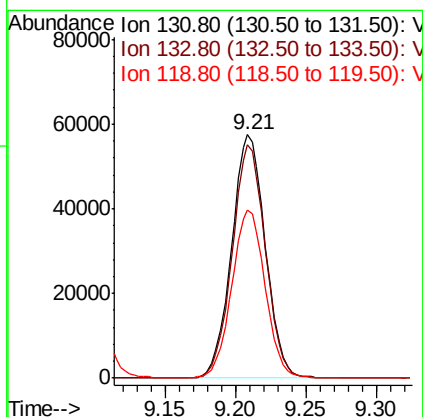
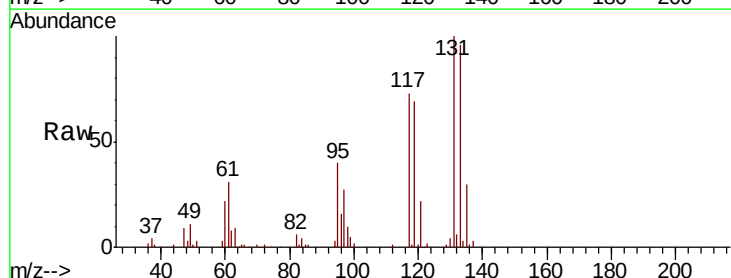
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

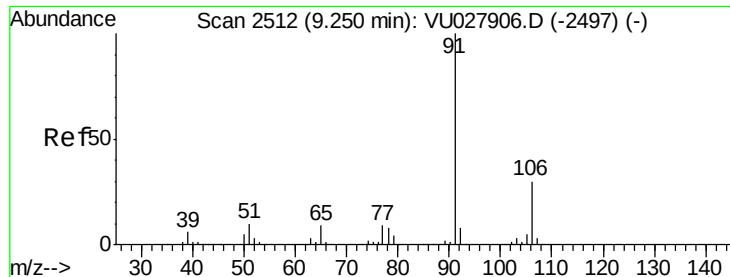
Tot Ion:112 Resp: 273576
Ion Ratio Lower Upper
112 100
114 31.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.439 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion:131 Resp: 96027
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.4
119 68.6 34.0 101.8

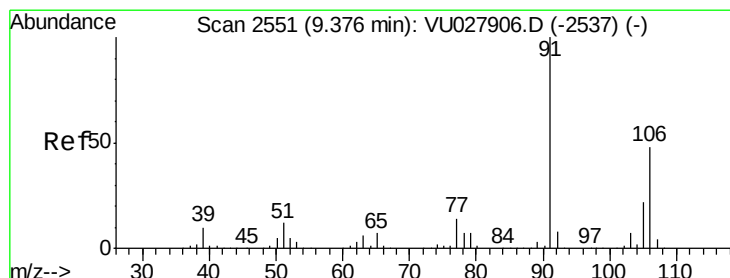
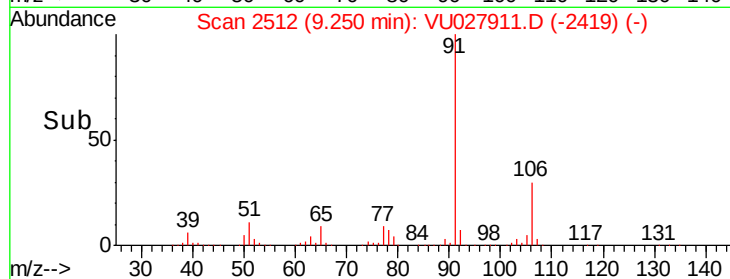
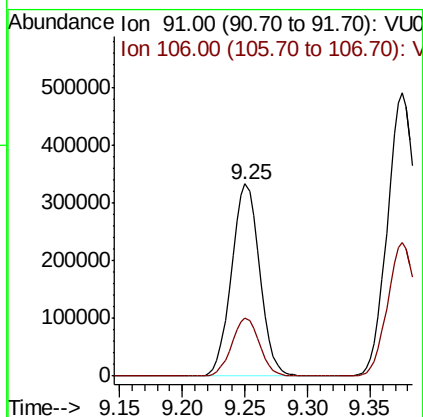
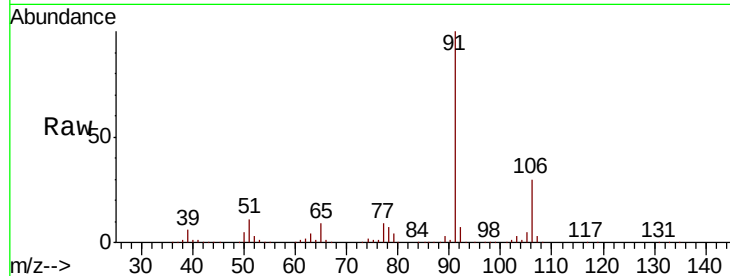




#67
Ethyl Benzene
Concen: 50.727 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

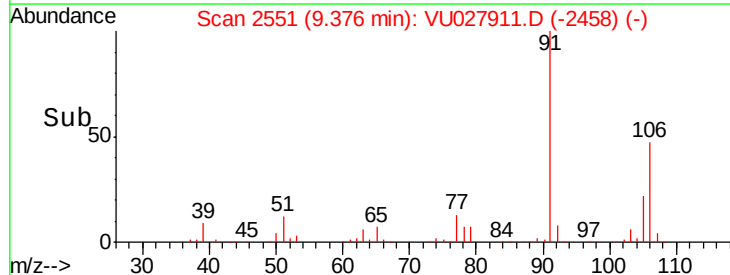
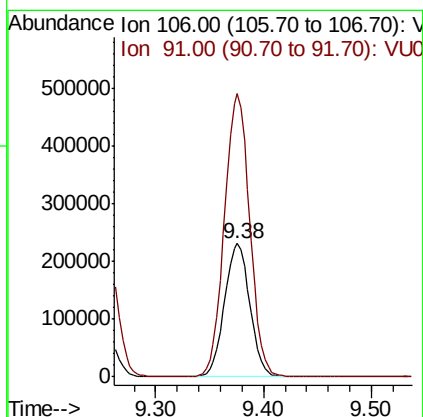
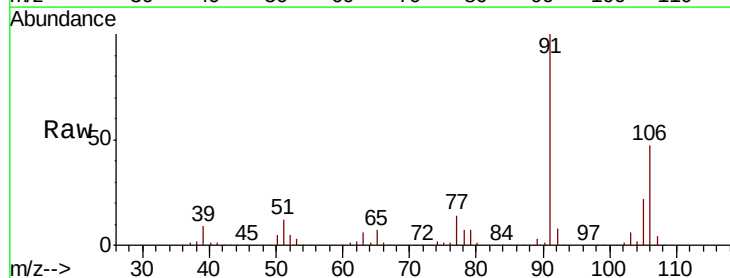
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

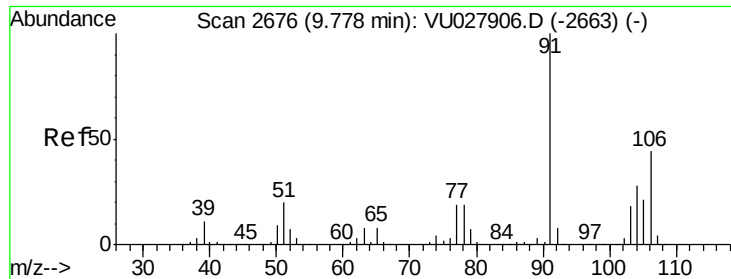
Tot Ion: 91 Resp: 520437
Ion Ratio Lower Upper
91 100
106 30.2 23.6 35.4



#68
m/p-Xylenes
Concen: 101.473 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 106 Resp: 377739
Ion Ratio Lower Upper
106 100
91 212.1 168.2 252.4

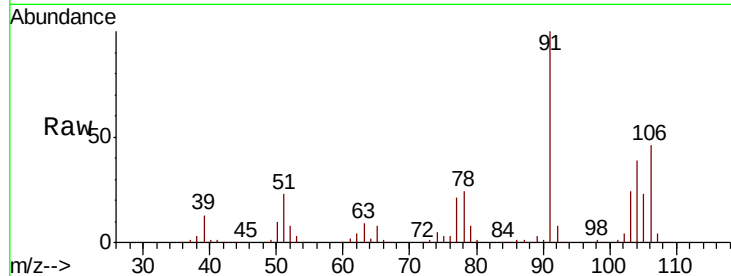




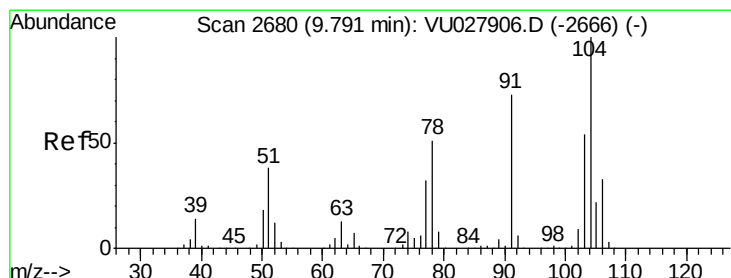
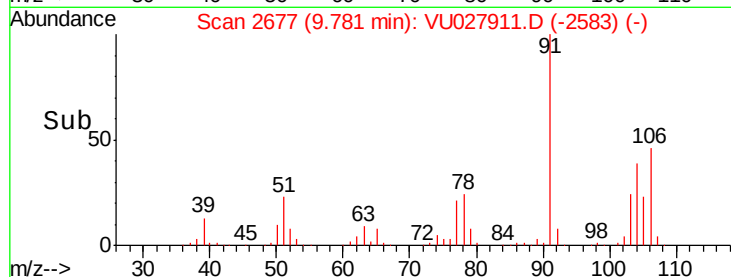
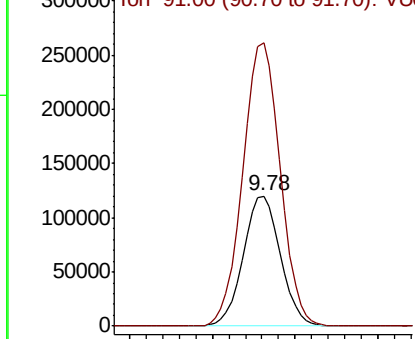
#69
o-Xylene
Concen: 49.525 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 186164
Ion Ratio Lower Upper
106 100
91 220.0 111.1 333.4

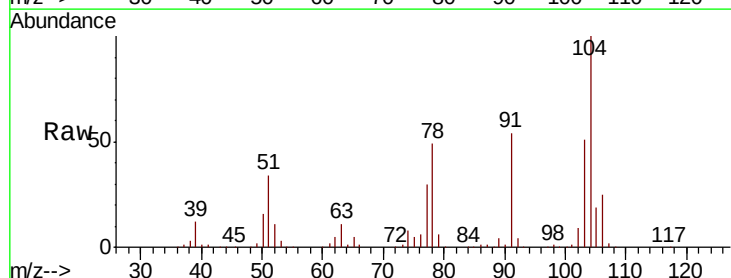


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

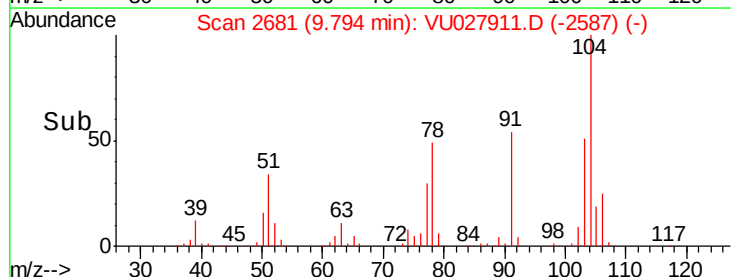
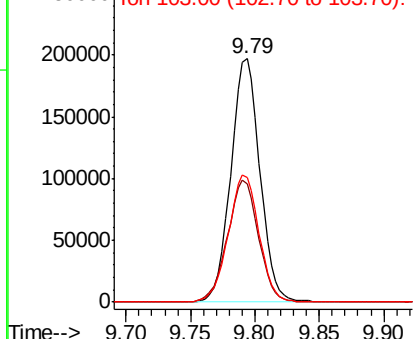


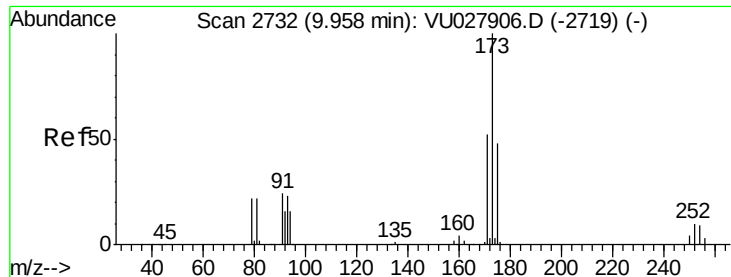
#70
Styrene
Concen: 51.329 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion:104 Resp: 308292
Ion Ratio Lower Upper
104 100
78 53.6 43.0 64.4
103 55.4 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: 51.344 ug/l

RT: 9.96 min Scan# 2732

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

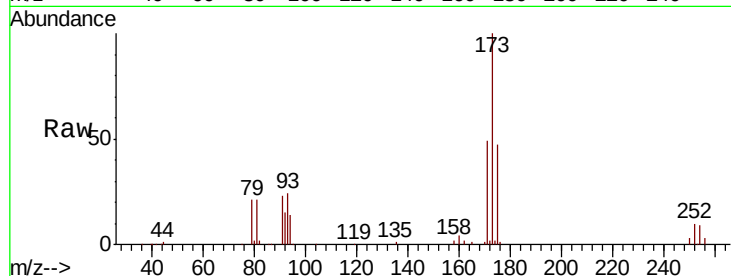
Tot Ion:173 Resp: 81921

Ion Ratio Lower Upper

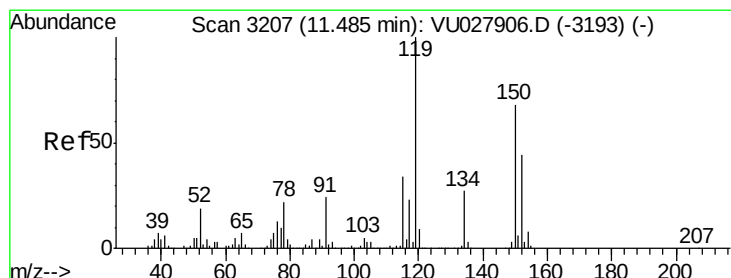
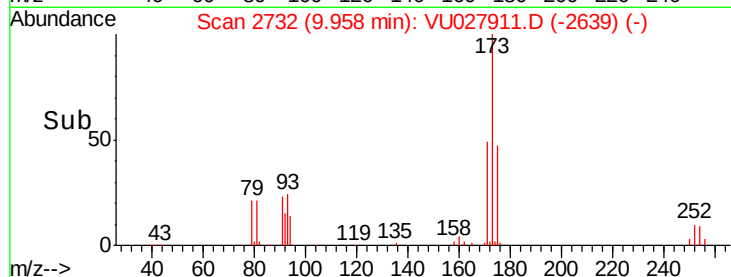
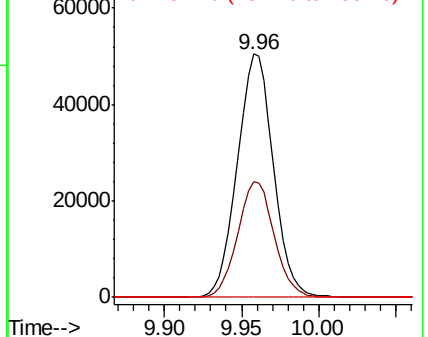
173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

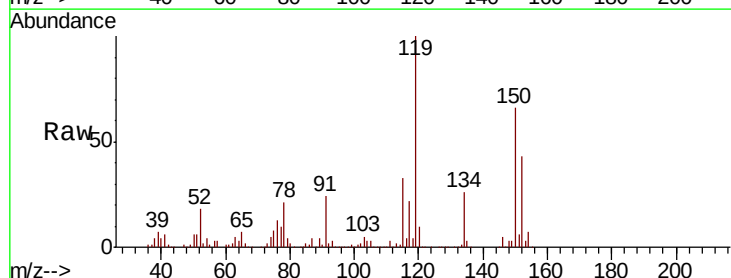
Tgt Ion:152 Resp: 130826

Ion Ratio Lower Upper

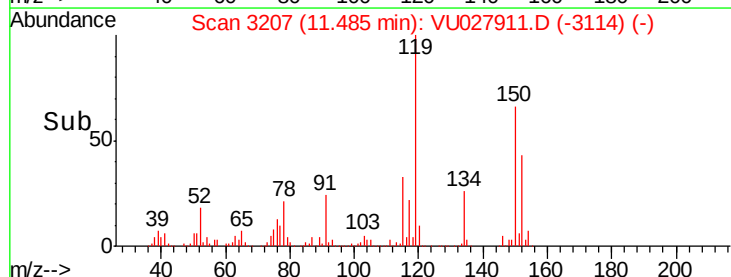
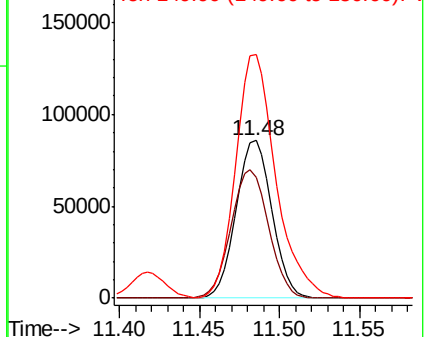
152 100

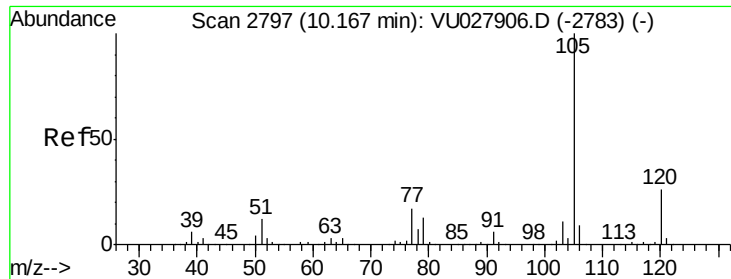
115 85.4 43.0 129.0

150 173.1 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: 49.284 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

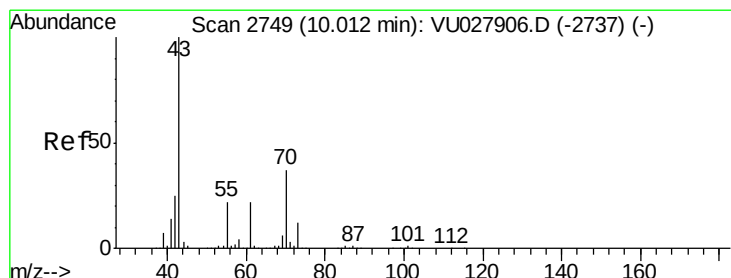
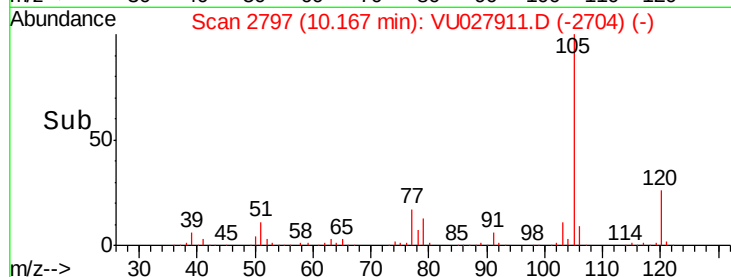
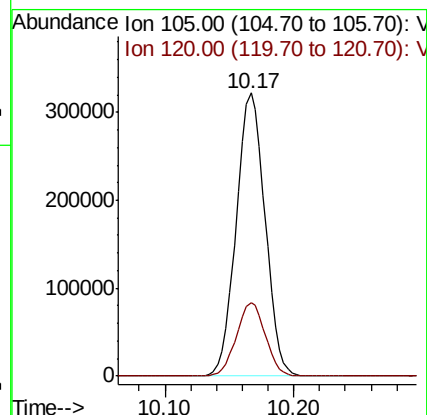
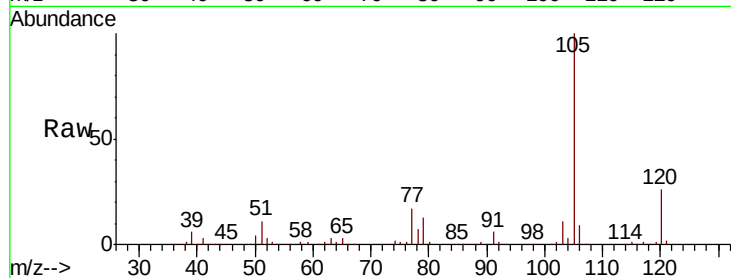
VSTDCCC050

Tot Ion:105 Resp: 499487

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.0



#74

N-ethyl acetate

Concen: 49.619 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Tgt Ion: 43 Resp: 304086

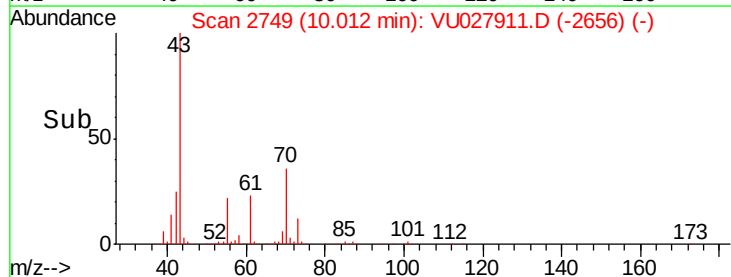
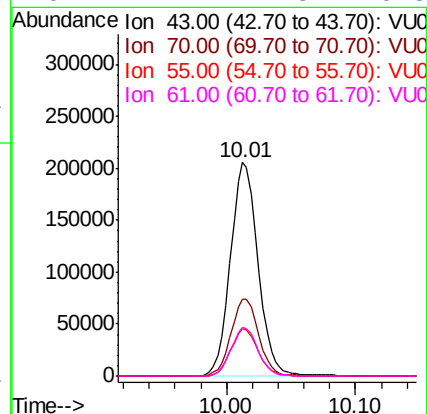
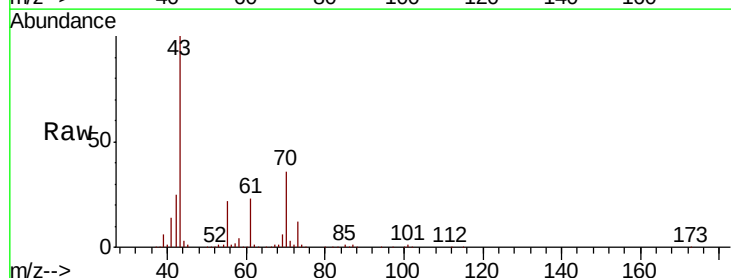
Ion Ratio Lower Upper

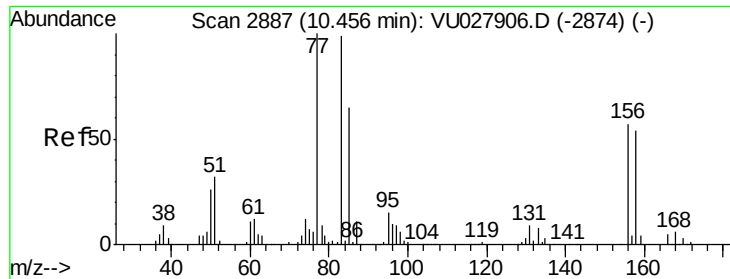
43 100

70 36.6 29.2 43.8

55 22.0 17.8 26.6

61 22.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.071 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

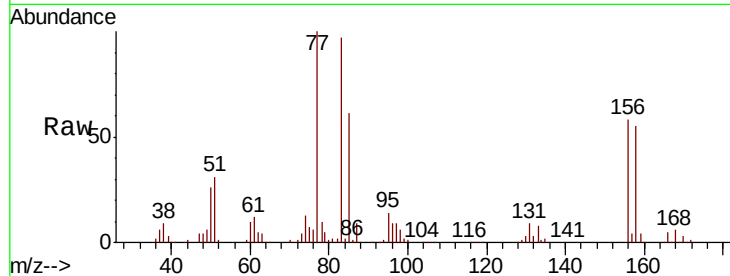
Tot Ion: 83 Resp: 192433

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

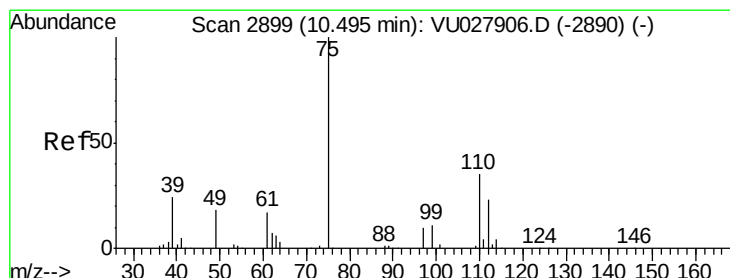
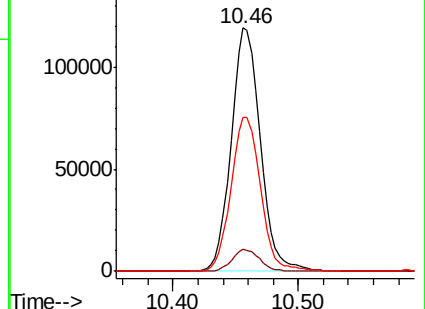
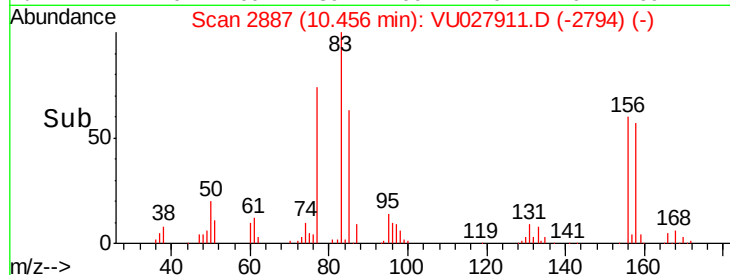
85 64.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VU027911.D (-2794) (-)

Ion 130.80 (130.50 to 131.50): VU027911.D (-2794) (-)

Ion 84.90 (84.60 to 85.60): VU027911.D (-2794) (-)



#76

1,2,3-Trichloropropane

Concen: 63.831 ug/l

RT: 10.49 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VU027911.D

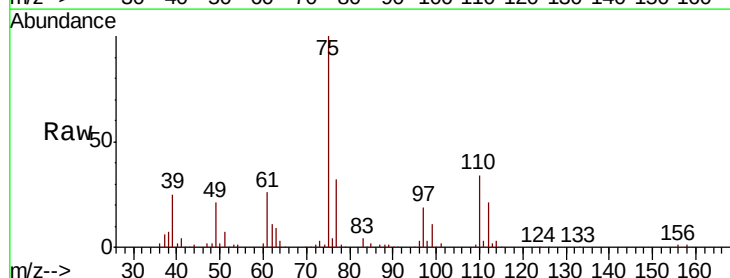
Acq: 02 Nov 2018 09:10

Tgt Ion: 75 Resp: 228419

Ion Ratio Lower Upper

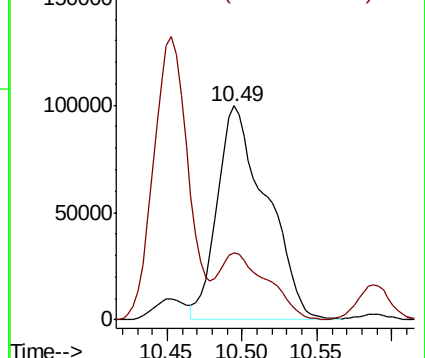
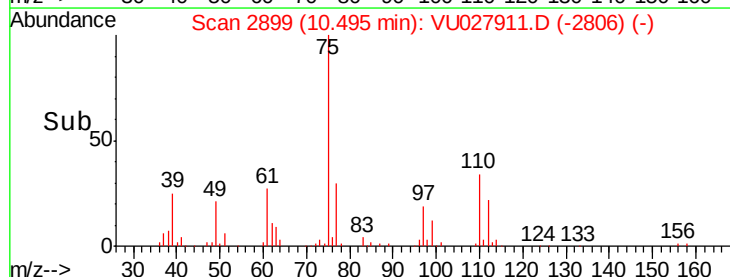
75 100

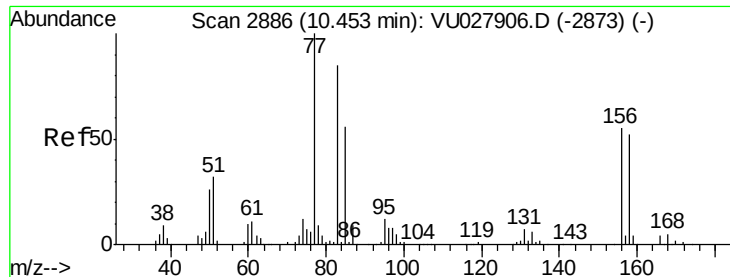
77 31.2 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VU027911.D (-2806) (-)

Ion 77.00 (76.70 to 77.70): VU027911.D (-2806) (-)





#77

Bromobenzene

Concen: 50.179 ug/l

RT: 10.45 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

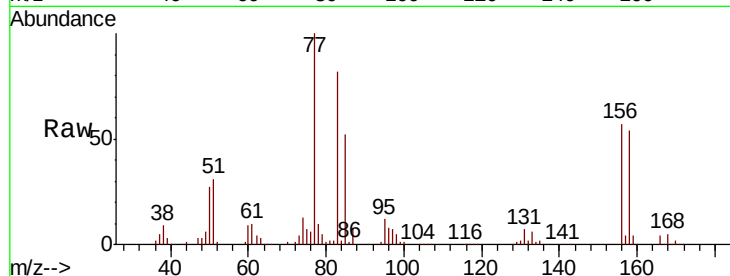
Tot Ion:156 Resp: 116614

Ion Ratio Lower Upper

156 100

77 181.6 91.8 275.6

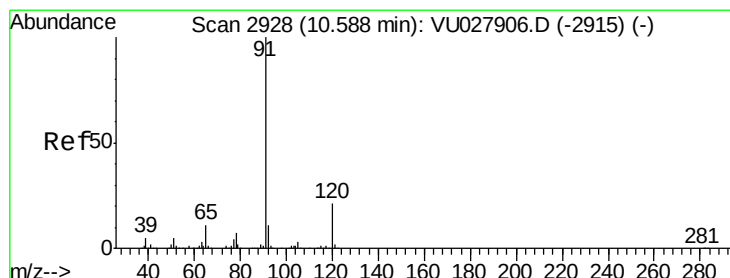
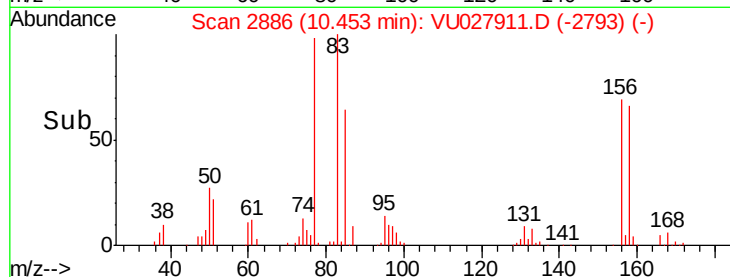
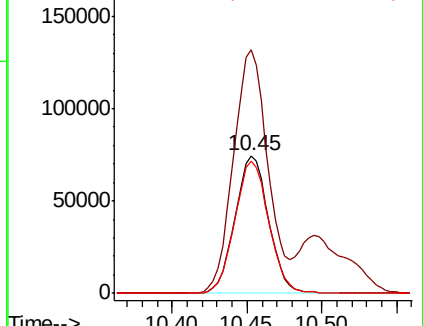
158 97.4 48.4 145.2



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: 51.020 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027911.D

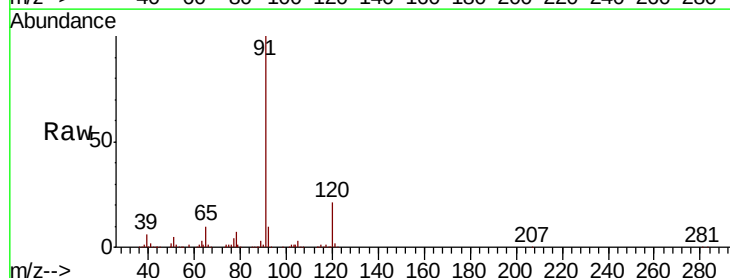
Acq: 02 Nov 2018 09:10

Tgt Ion: 91 Resp: 618943

Ion Ratio Lower Upper

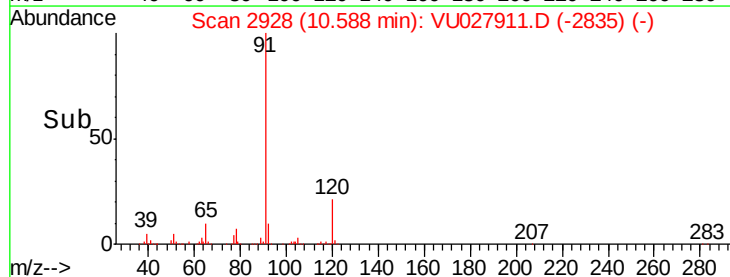
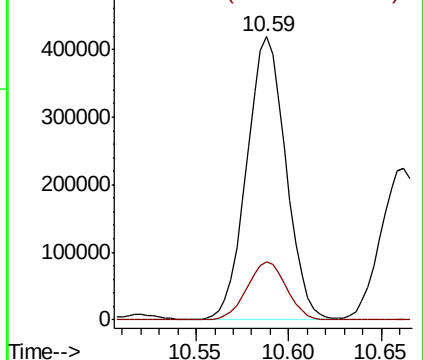
91 100

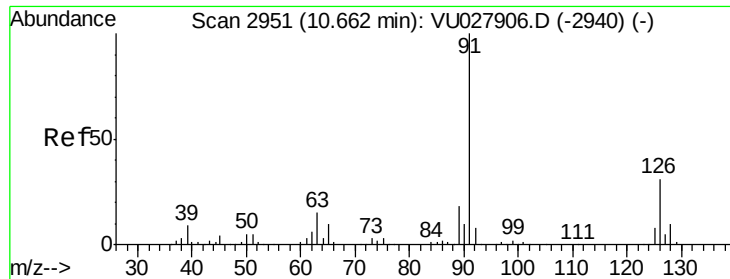
120 20.6 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

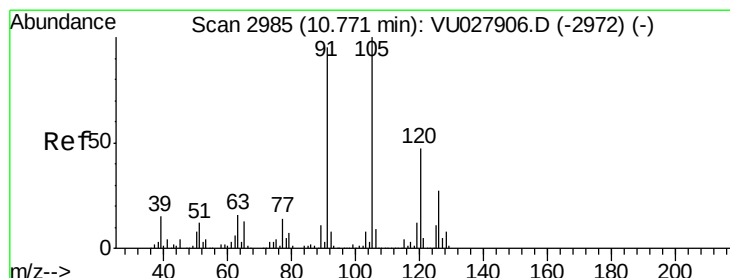
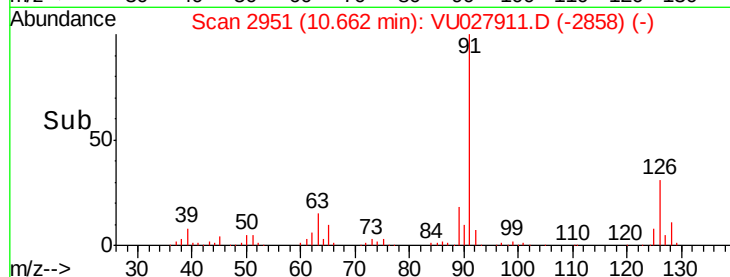
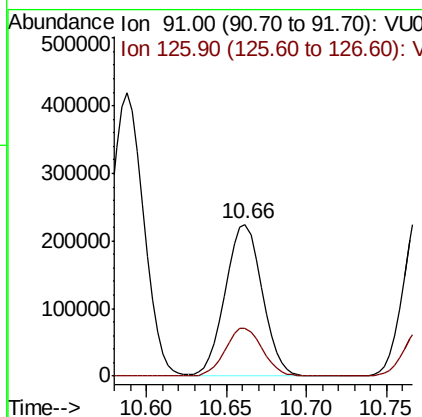
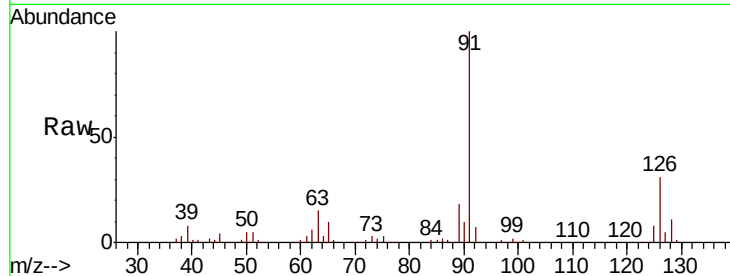




#79
 2-Chlorotoluene
 Concen: 48.830 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

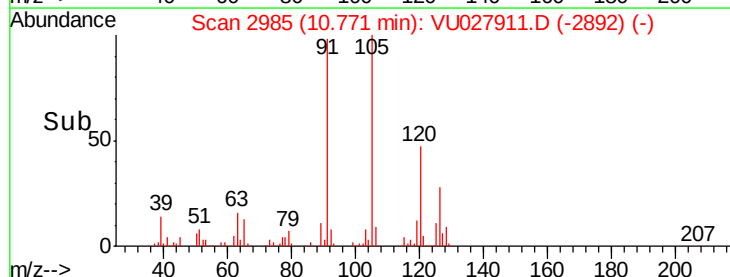
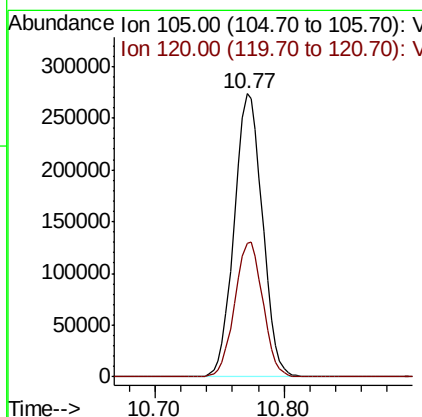
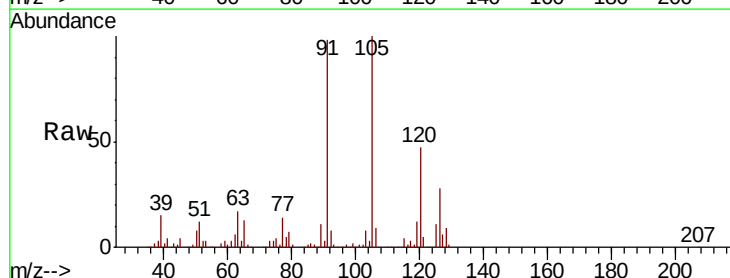
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

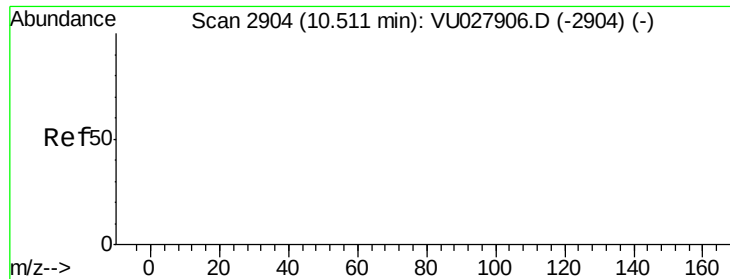
Tot Ion: 91 Resp: 355073
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.574 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 105 Resp: 416206
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.3 69.9

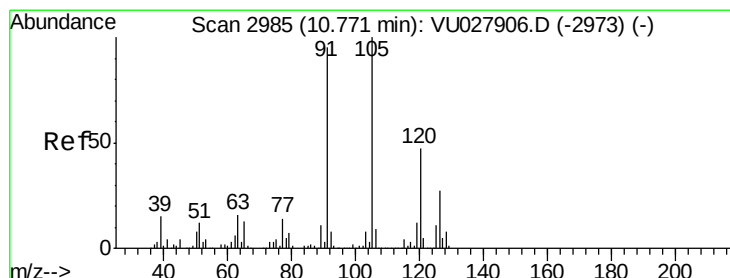
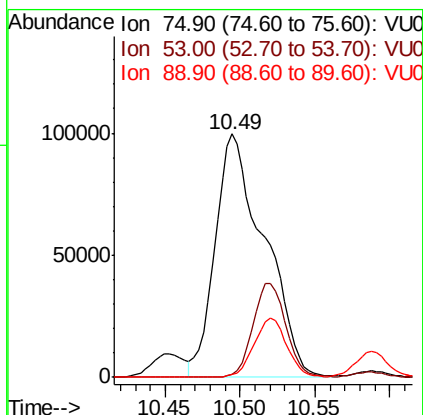
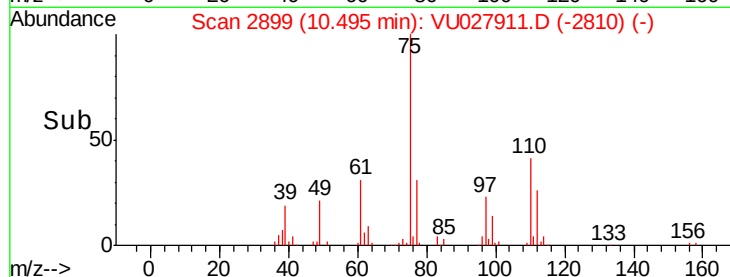
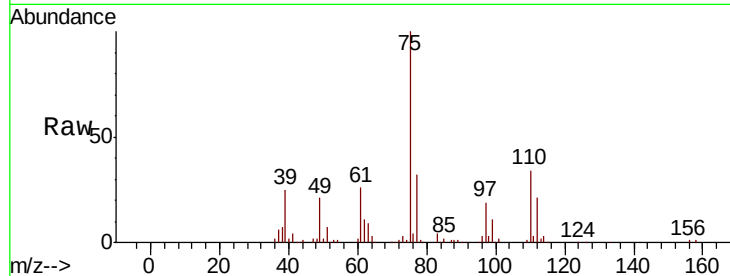




#81
trans-1,4-Dichloro-2-butene
Concen: 158.798 ug/l
RT: 10.49 min Scan# 2899
Delta R.T. -0.02 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

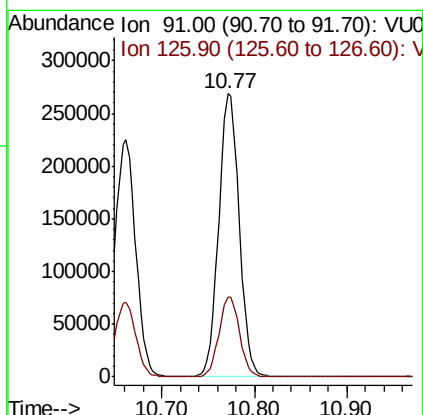
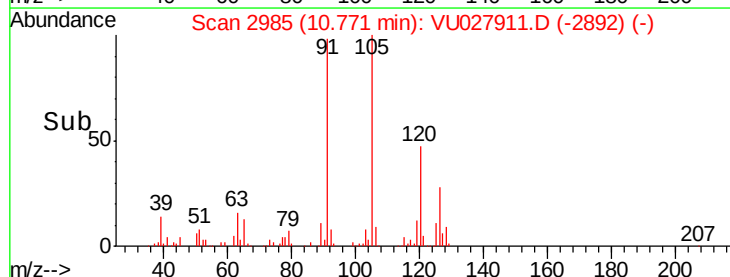
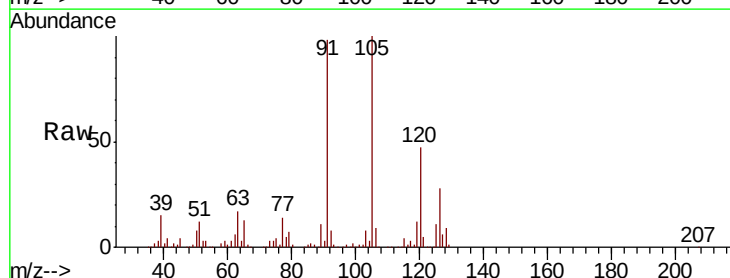
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

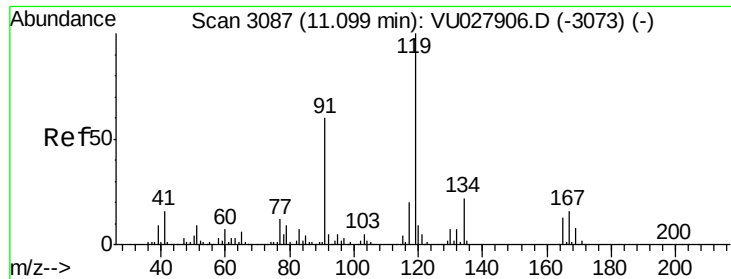
Tot Ion: 75 Resp: 228419
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 49.899 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 91 Resp: 411931
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6

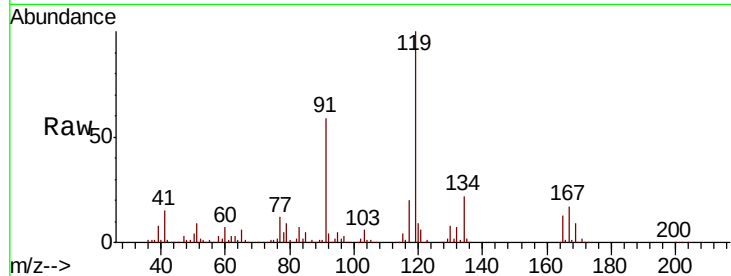




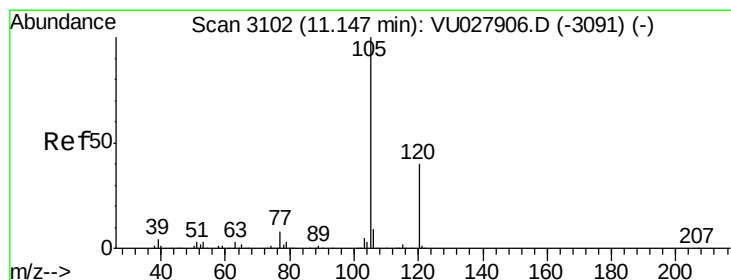
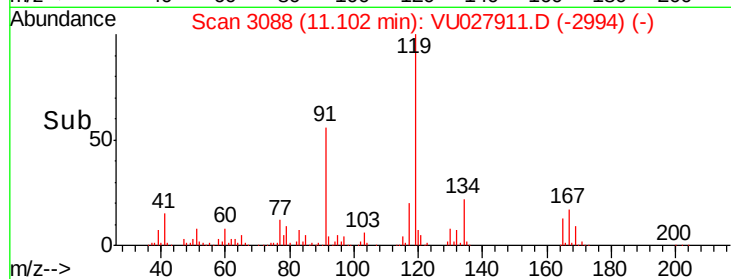
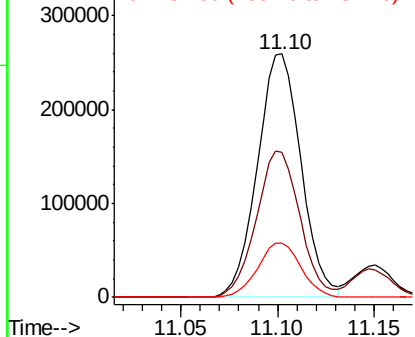
#83
 tert-Butylbenzene
 Concen: 48.632 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 408179
 Ion Ratio Lower Upper
 119 100
 91 59.7 29.8 89.3
 134 22.0 11.1 33.1

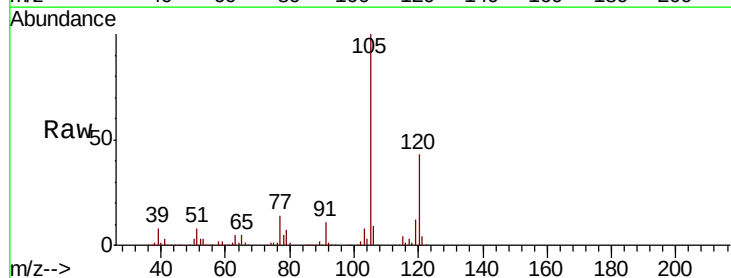


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

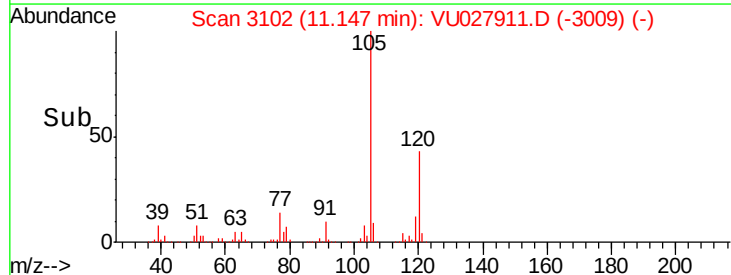
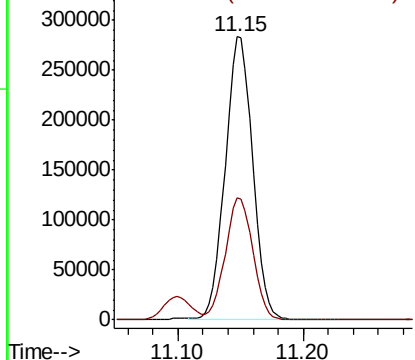


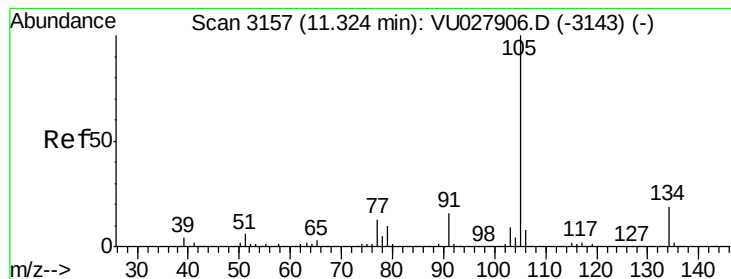
#84
 1,2,4-Trimethylbenzene
 Concen: 50.731 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion:105 Resp: 428885
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.1 66.1



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





#85

sec-Butylbenzene

Concen: 50.702 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

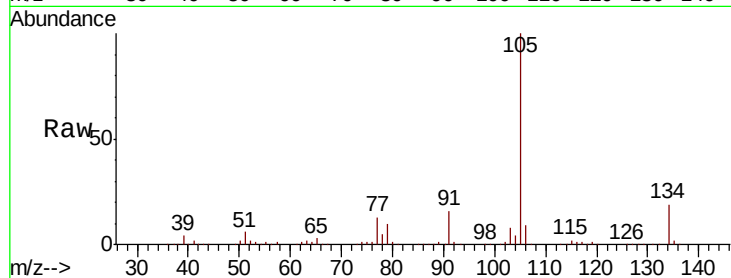
VSTDCCC050

Tot Ion:105 Resp: 517543

Ion Ratio Lower Upper

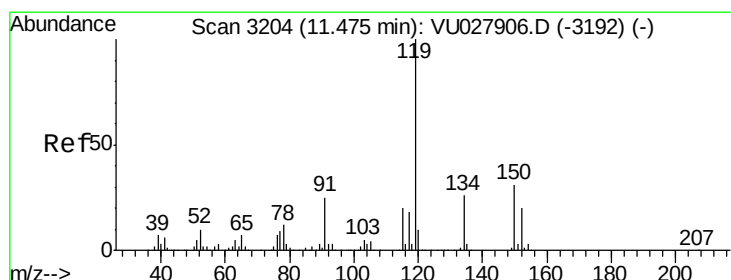
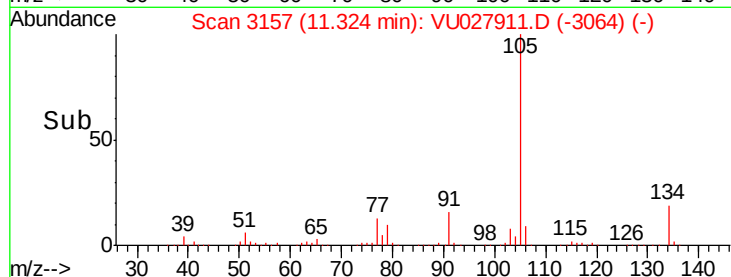
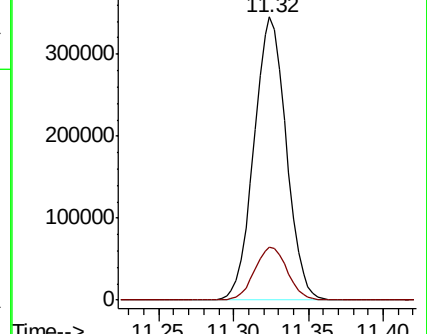
105 100

134 19.0 9.2 27.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.539 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

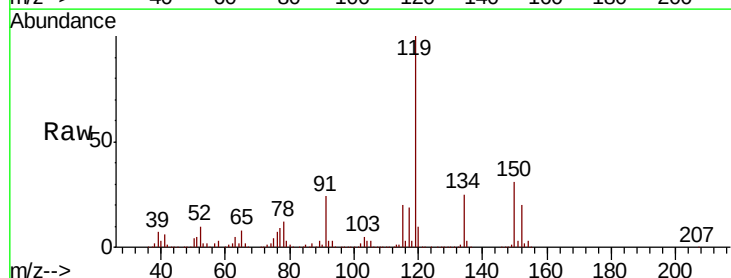
Tgt Ion:119 Resp: 439793

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

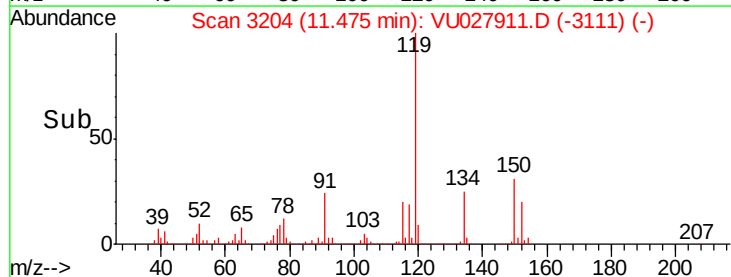
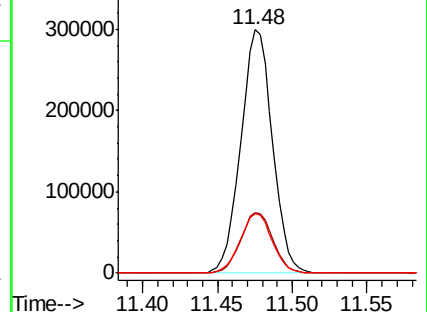
91 24.9 12.4 37.2

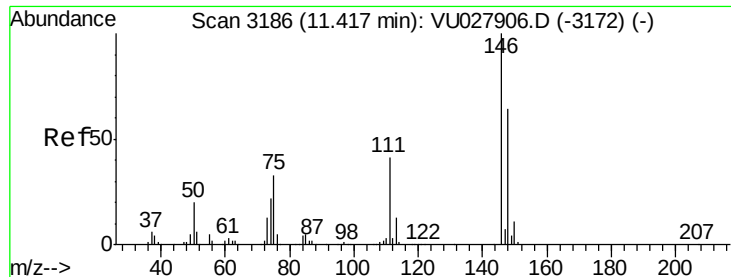


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





#87

1,3-Dichlorobenzene

Concen: 49.432 ug/l

RT: 11.42 min Scan# 3186

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

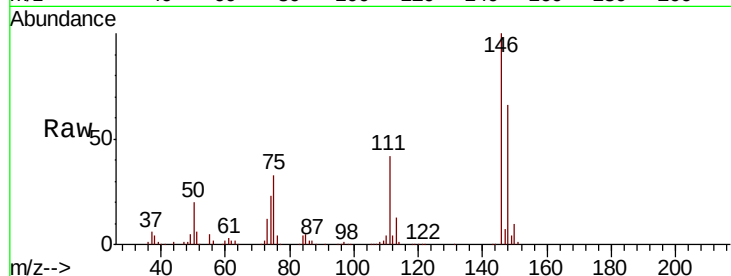
Tot Ion:146 Resp: 212212

Ion Ratio Lower Upper

146 100

111 41.7 20.3 61.0

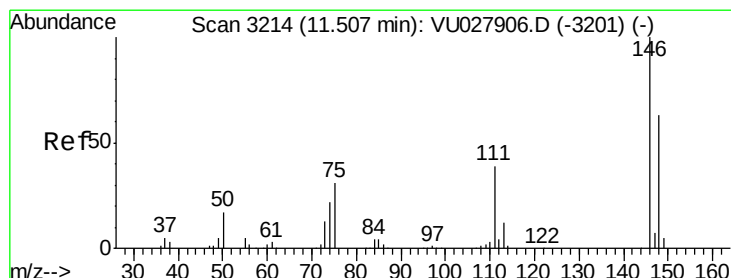
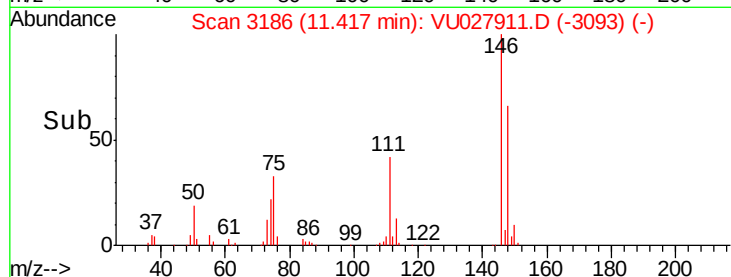
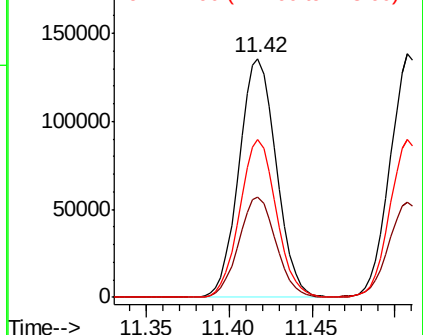
148 64.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.078 ug/l

RT: 11.51 min Scan# 3214

Delta R.T. -0.00 min

Lab File: VU027911.D

Acq: 02 Nov 2018 09:10

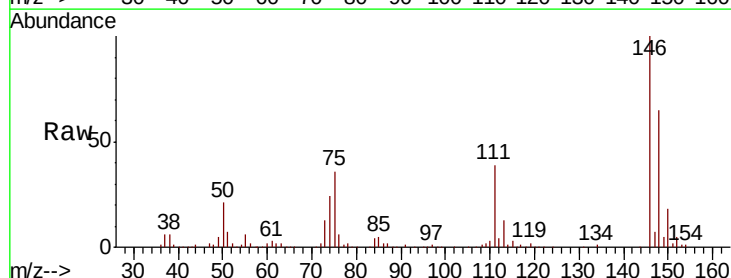
Tgt Ion:146 Resp: 211554

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

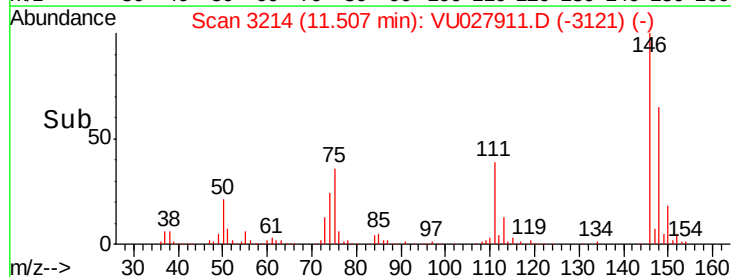
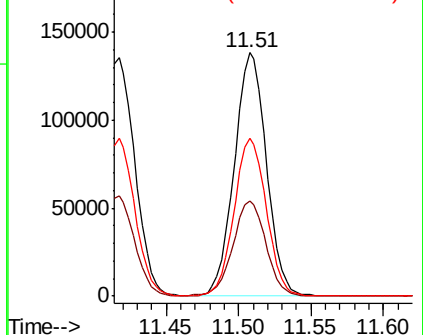
148 65.0 32.0 96.2

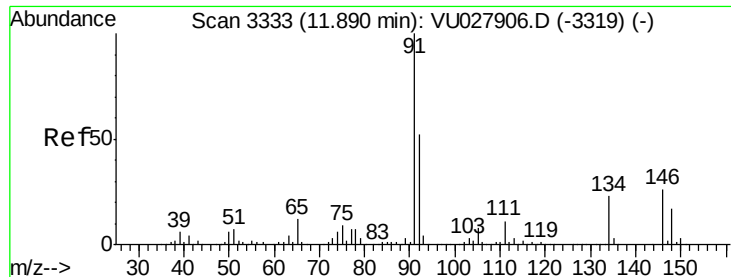


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

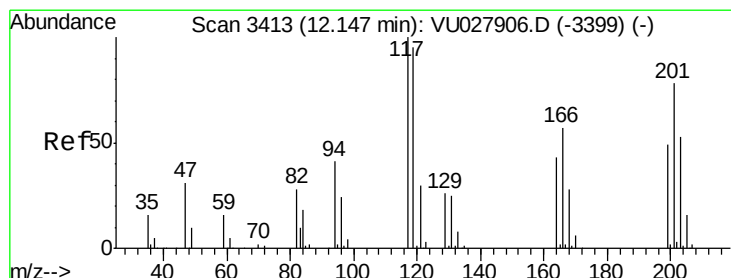
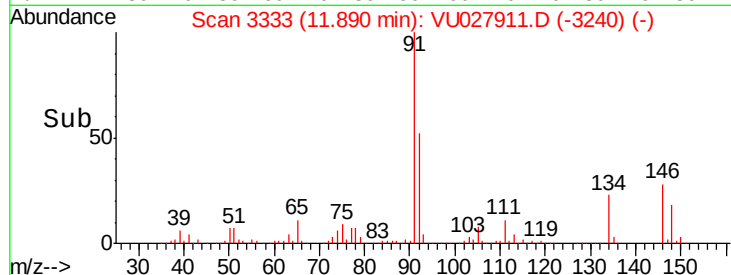
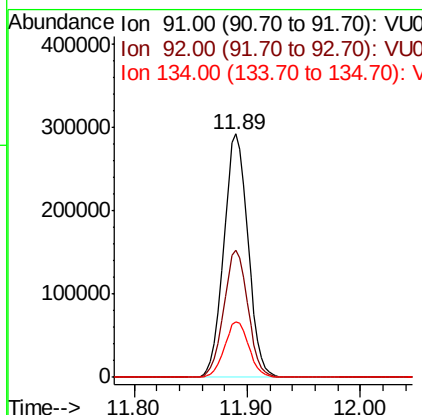
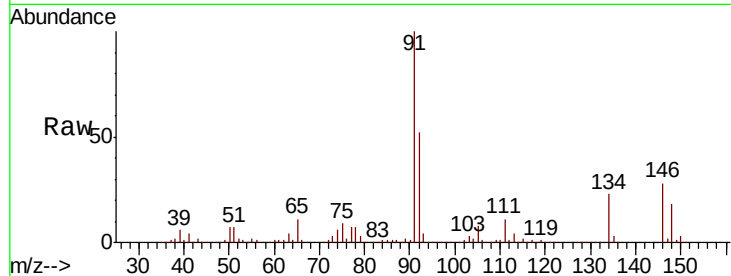




#89
n-Butylbenzene
Concen: 53.583 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

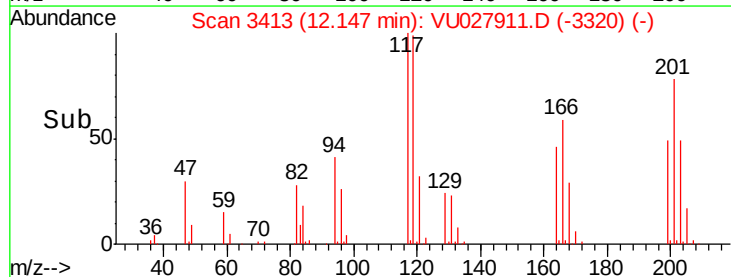
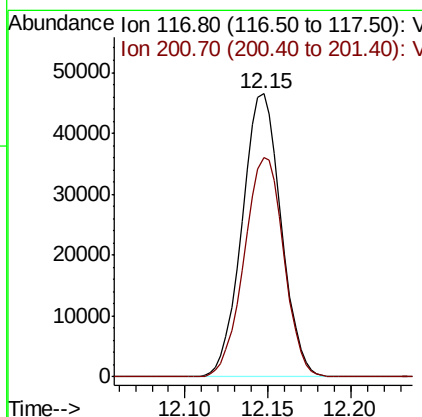
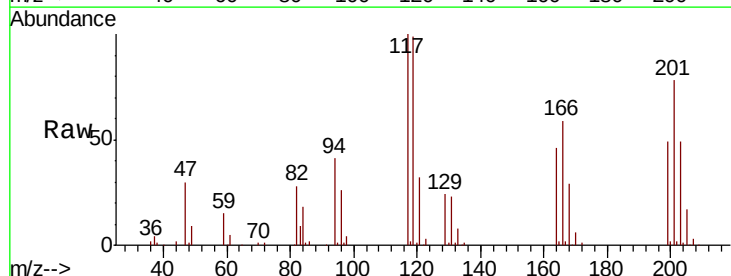
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

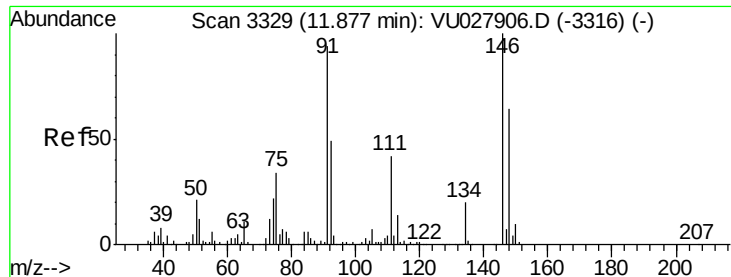
Tot Ion: 91 Resp: 434550
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 22.9 11.5 34.5



#90
Hexachloroethane
Concen: 50.002 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion: 117 Resp: 75965
Ion Ratio Lower Upper
117 100
201 78.8 38.5 115.5

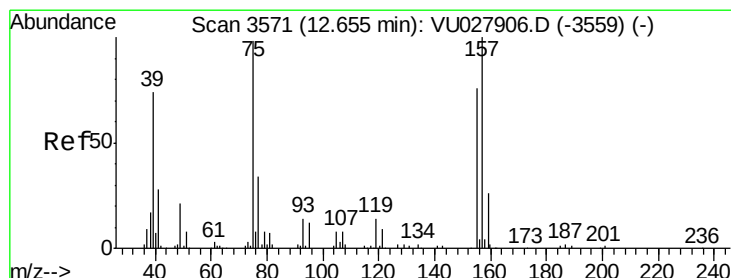
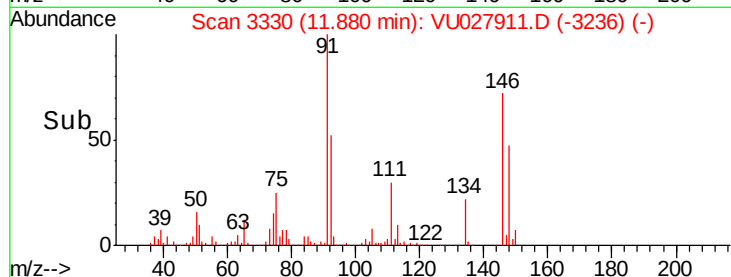
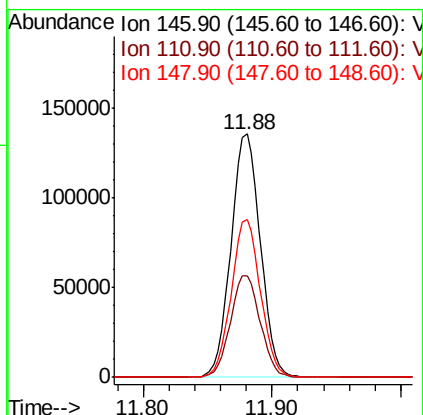
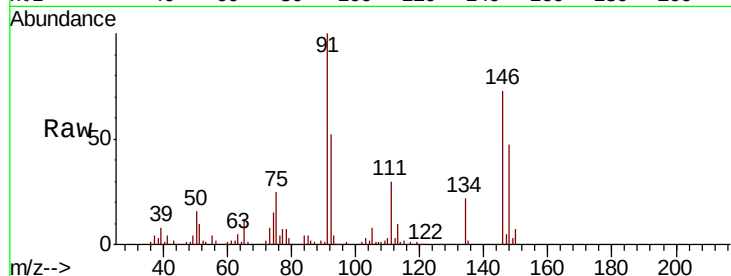




#91
 1,2-Dichlorobenzene
 Concen: 49.710 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

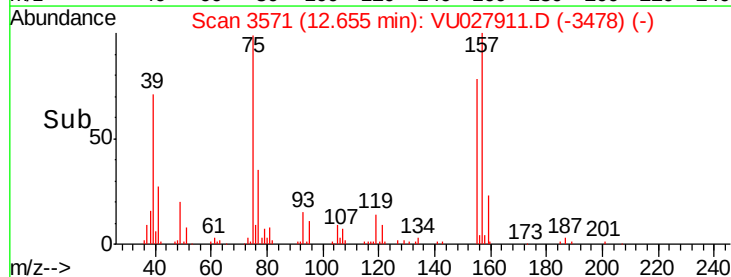
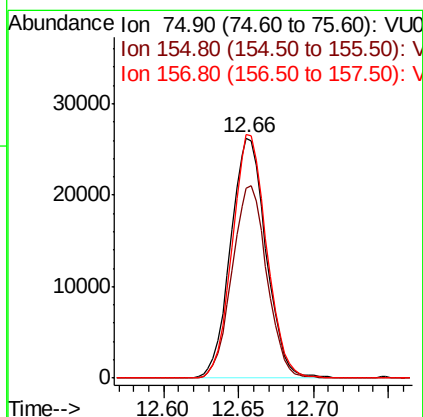
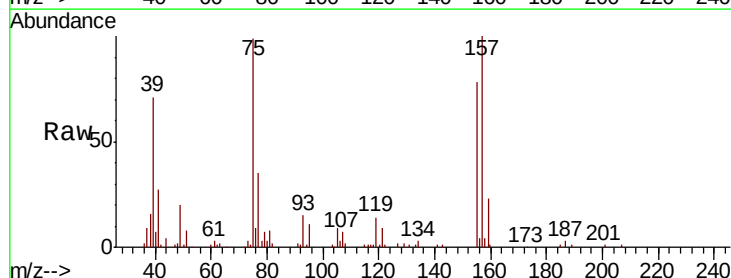
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

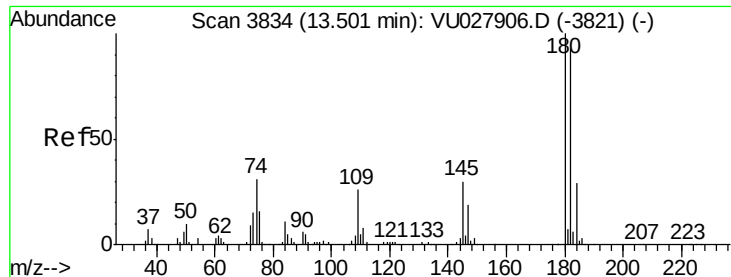
Tot Ion:146 Resp: 214608
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 64.0
 148 64.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.257 ug/l
 RT: 12.66 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion: 75 Resp: 43293
 Ion Ratio Lower Upper
 75 100
 155 78.4 39.8 119.3
 157 98.0 50.6 151.9

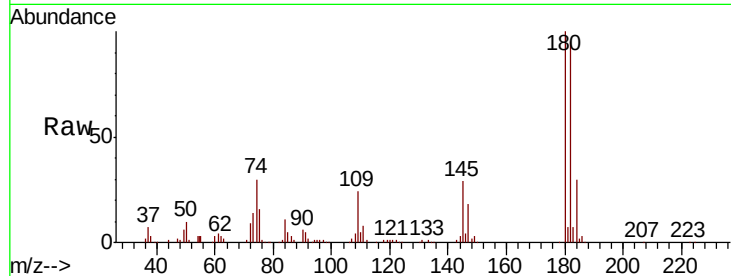




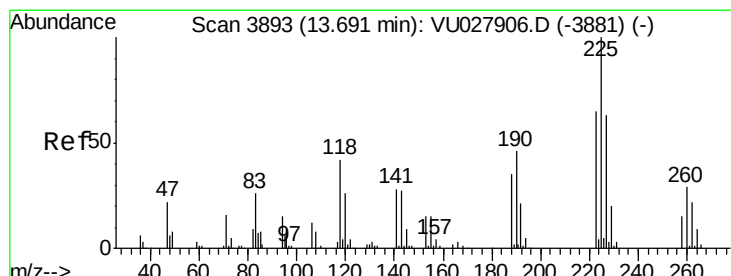
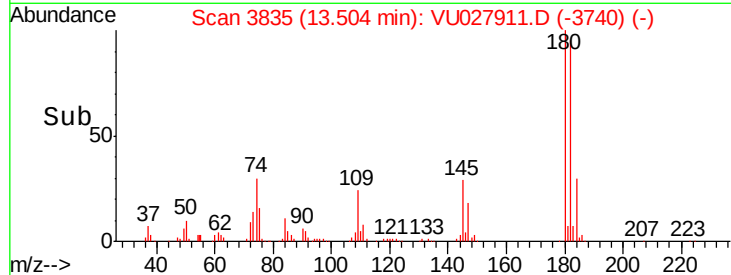
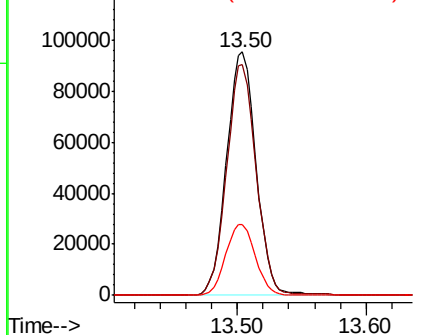
#93
 1,2,4-Trichlorobenzene
 Concen: 49.937 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 151193
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.4 145.2
 145 29.2 14.9 44.5

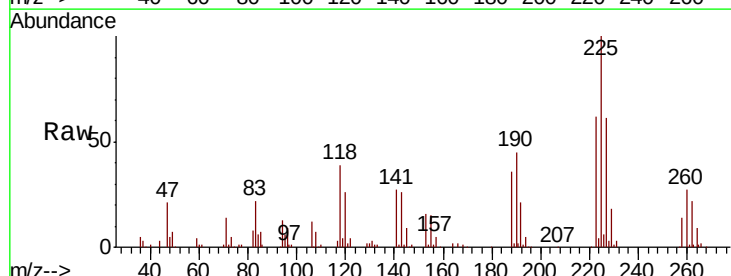


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

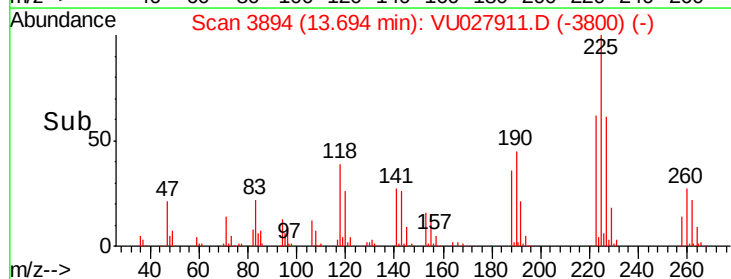
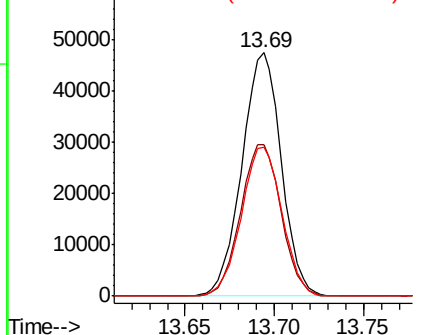


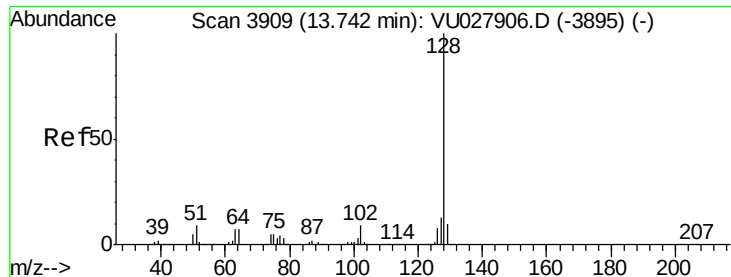
#94
 Hexachlorobutadiene
 Concen: 53.277 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027911.D
 Acq: 02 Nov 2018 09:10

Tgt Ion:225 Resp: 73102
 Ion Ratio Lower Upper
 225 100
 223 63.8 32.2 96.6
 227 63.0 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

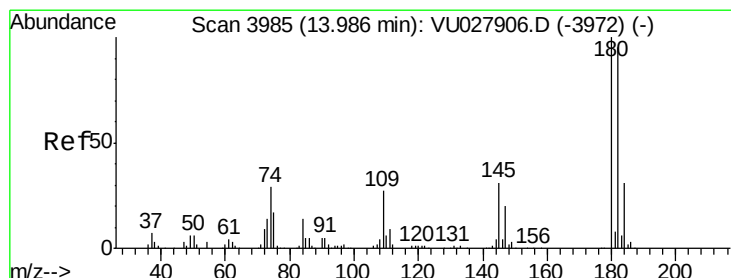
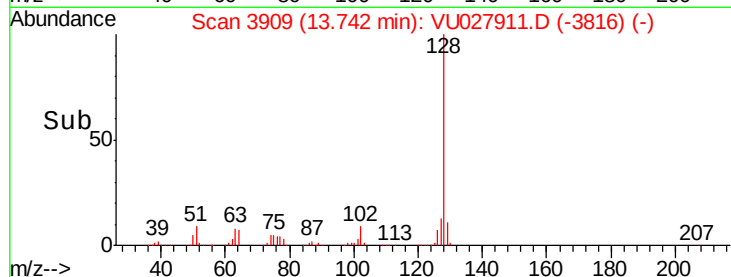
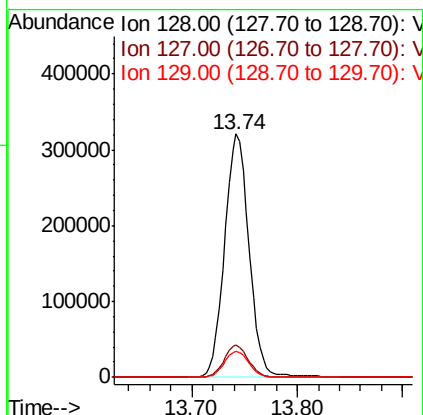
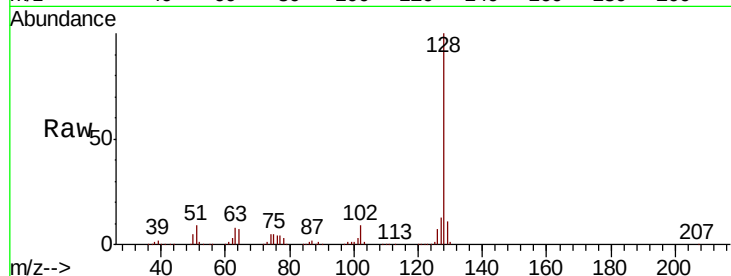




#95
Naphthalene
Concen: 48.014 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 515331
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 52.821 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027911.D
Acq: 02 Nov 2018 09:10

Tgt Ion:180 Resp: 153020
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.3
145 31.8 16.0 47.9

