Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110918\
Data File : VX005858.D
Acq On : 09 Nov 2018 13:45
Operator : JC/MD
Sample : PB114659ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Quant Time: Nov 11 23:49:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	161924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	148135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	71034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71306	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.28%			
35) Dibromofluoromethane	5.50	113	56281	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.20%			
50) Toluene-d8	8.71	98	198388	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.36%			
62) 4-Bromofluorobenzene	11.14	95	67418	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.42%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	275	0.203	ug/l #	79
5) Bromomethane	1.65	94	223	0.268	ug/l	96
6) Chloroethane	1.68	64	262	0.323	ug/l #	42
11) Tert butyl alcohol	3.02	59	2775	7.355	ug/l #	72
13) Acrolein	2.30	56	22	19.276	ug/l #	14
15) Acrylonitrile	3.15	53	223	0.285	ug/l #	83
16) Acetone	2.44	43	7114	10.031	ug/l	94
17) Carbon Disulfide	2.57	76	899	0.298	ug/l #	91
20) Methylene Chloride	2.86	84	1565	1.343	ug/l	93
25) 2-Butanone	4.69	43	461	0.413	ug/l #	88
29) Tetrahydrofuran	5.15	42	346	0.483	ug/l #	82
31) Cyclohexane	5.67	56	2303	1.255	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	8291	5.311	ug/l #	48
38) Carbon Tetrachloride	5.66	117	10564	6.760	ug/l #	15
41) Methacrylonitrile	5.15	41	286	0.258	ug/l #	51
43) Isopropyl Acetate	6.46	43	27138	9.124	ug/l	99
48) Methyl methacrylate	7.68	41	7910	5.923	ug/l #	16
49) 1,4-Dioxane	7.88	88	86	2.988	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	65891	35.149	ug/l #	50
54) cis-1,3-Dichloropropene	8.62	75	28734	18.238	ug/l #	63
56) Ethyl methacrylate	9.30	69	656	0.387	ug/l #	1
57) 1,3-Dichloropropane	9.54	76	7194	3.777	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.32	63	48	8.329	ug/l #	48
59) 2-Hexanone	9.54	43	106404	64.394	ug/l #	52
74) N-amyl acetate	10.87	43	402	1.421	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	34154	23.613	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	6330	1.813	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	34154	75.258	ug/l #	9
82) 4-Chlorotoluene	11.51	91	1021	0.296	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	384	Below Cal		95
93) 1,2,4-Trichlorobenzene	13.65	180	353	0.225	ug/l #	92
95) Naphthalene	13.83	128	765	1.324	ug/l #	88

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005858.D
Acq On : 09 Nov 2018 13:45
Operator : JC/MD
Sample : PB114659ZHE#01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Quant Time: Nov 11 23:49:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\
Data File : VX005858.D
Acq On : 09 Nov 2018 13:45
Operator : JC/MD
Sample : PB114659ZHE#01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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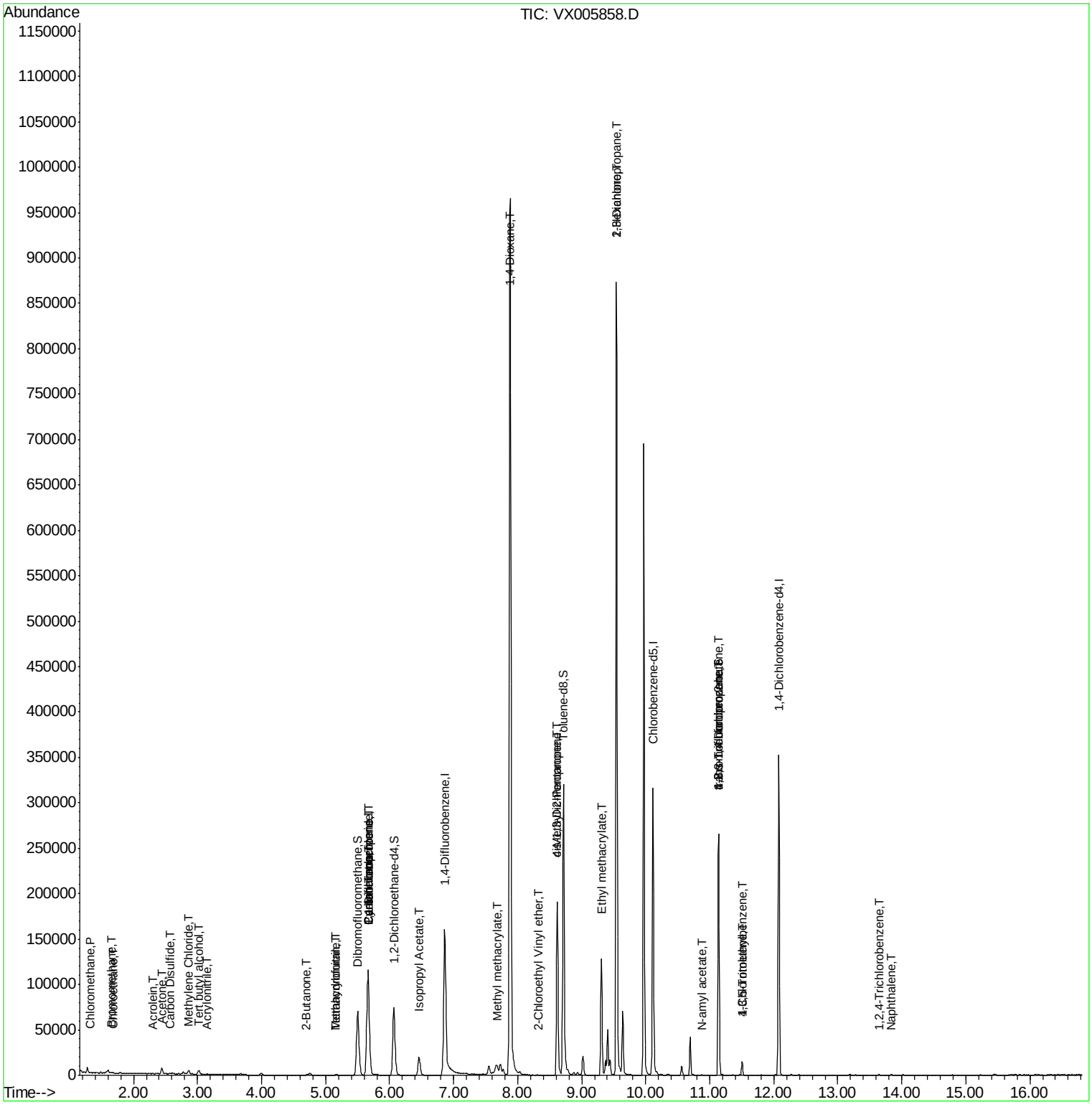
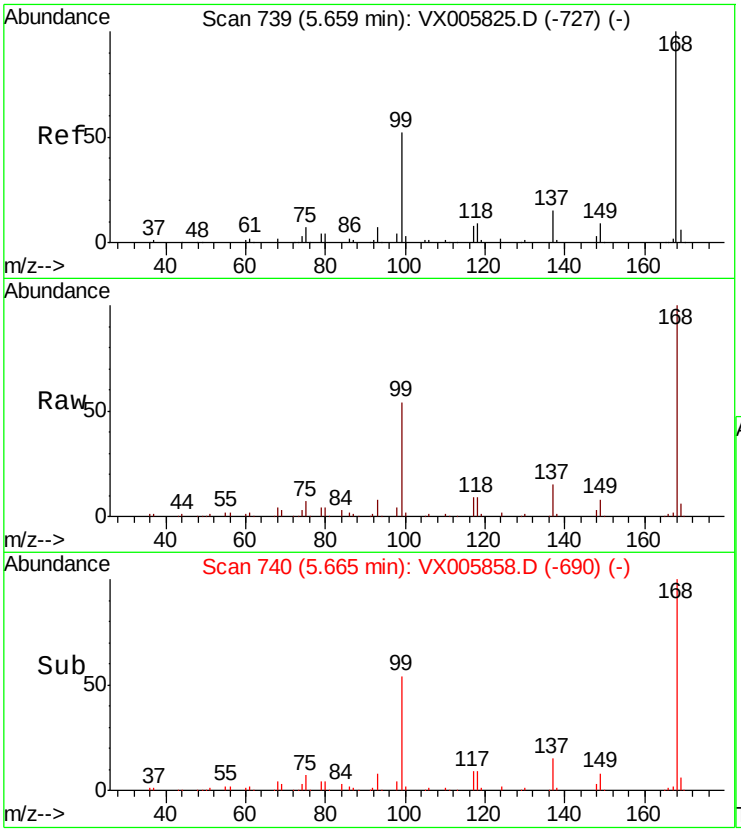
ClientSampleId :
PB114659ZHE#01

Quant Time: Nov 11 23:49:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration



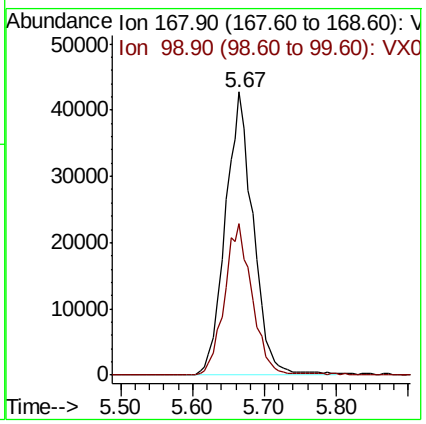


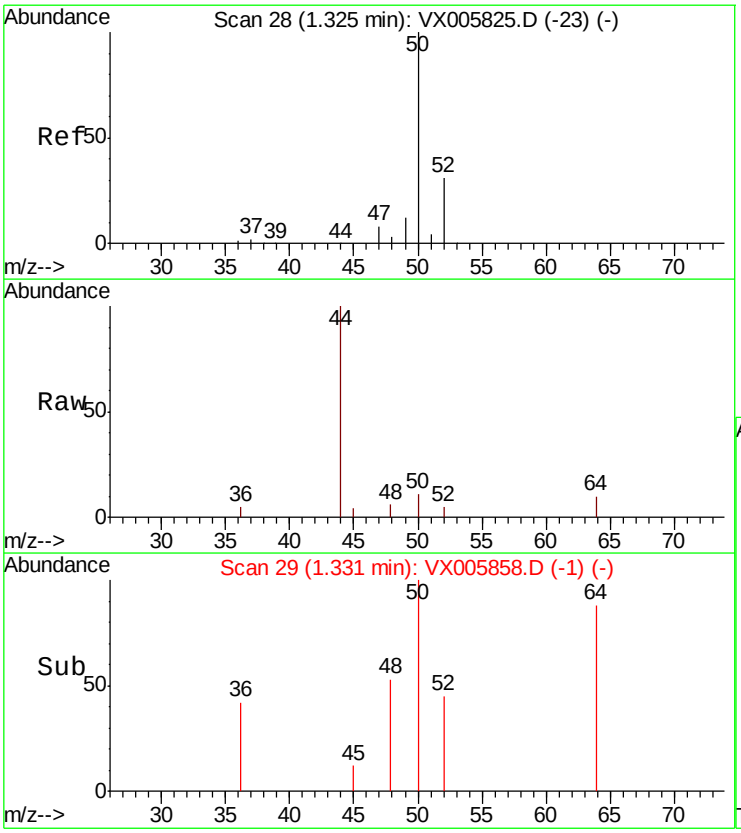
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion:168 Resp: 114569

Ion	Ratio	Lower	Upper
168	100		
99	53.5	40.7	61.1

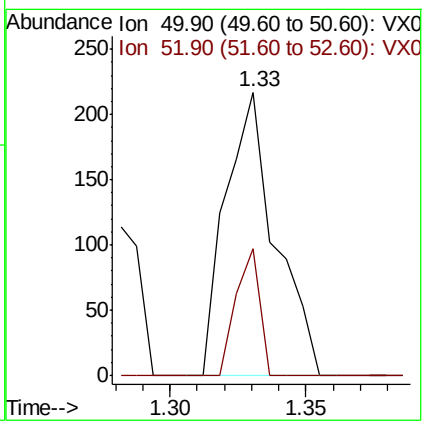


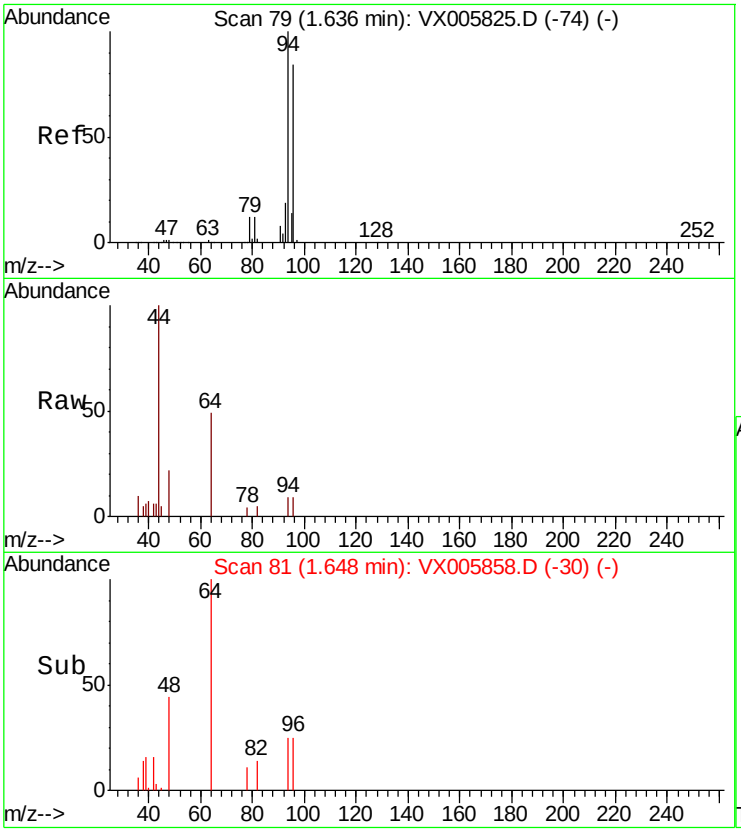


#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 50 Resp: 275

Ion	Ratio	Lower	Upper
50	100		
52	44.7	26.2	39.2#



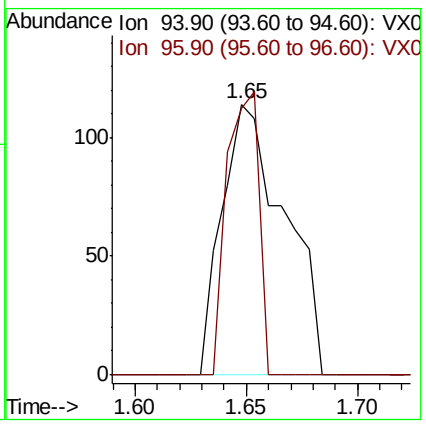


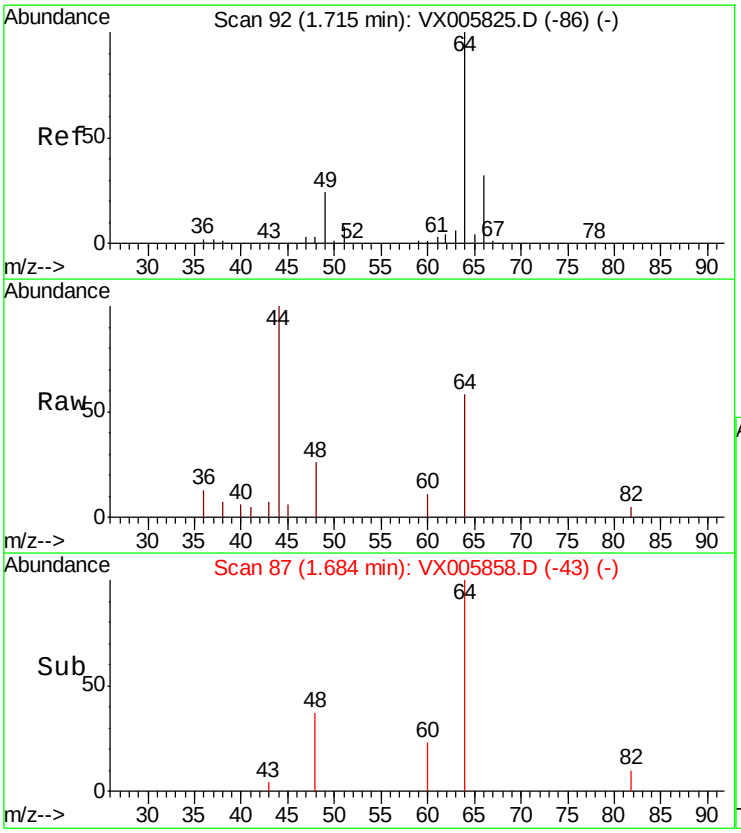
#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 94 Resp: 223

Ion	Ratio	Lower	Upper
94	100		
96	98.2	75.2	112.8

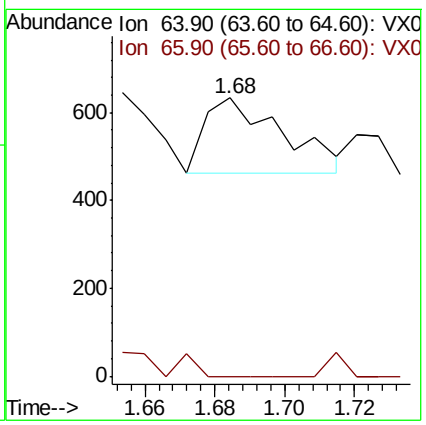


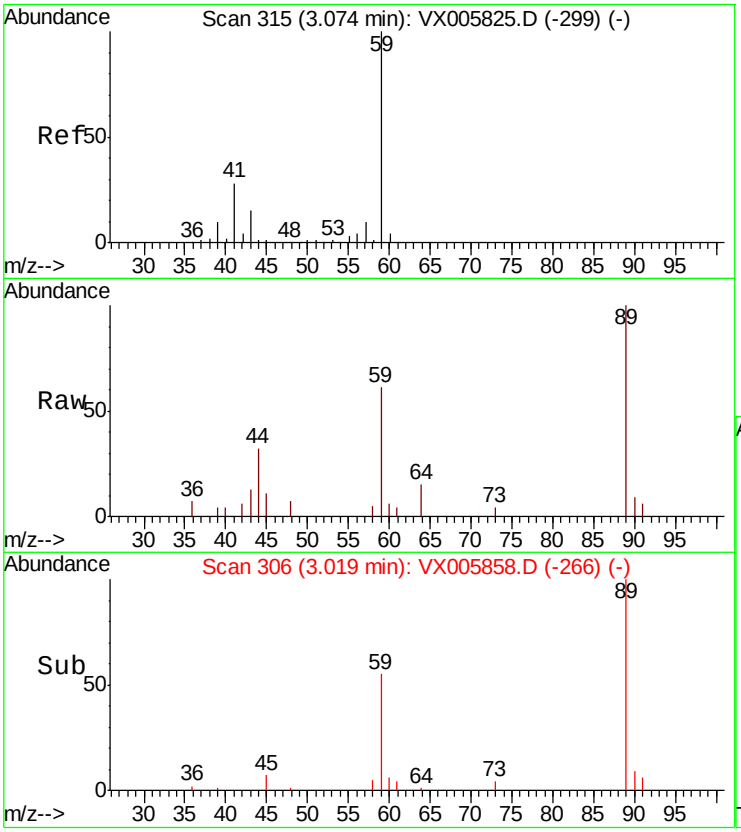


#6
Chloroethane
Concen: 0.323 ug/l
RT: 1.68 min Scan# 87
Delta R.T. -0.03 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 64 Resp: 262

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#



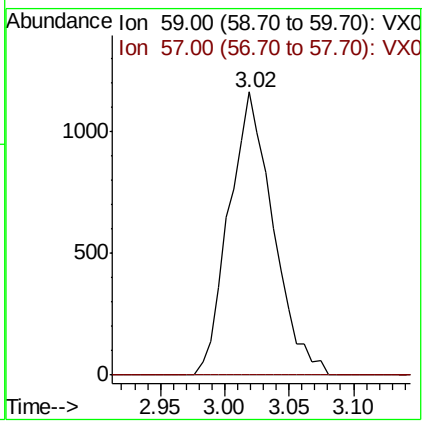


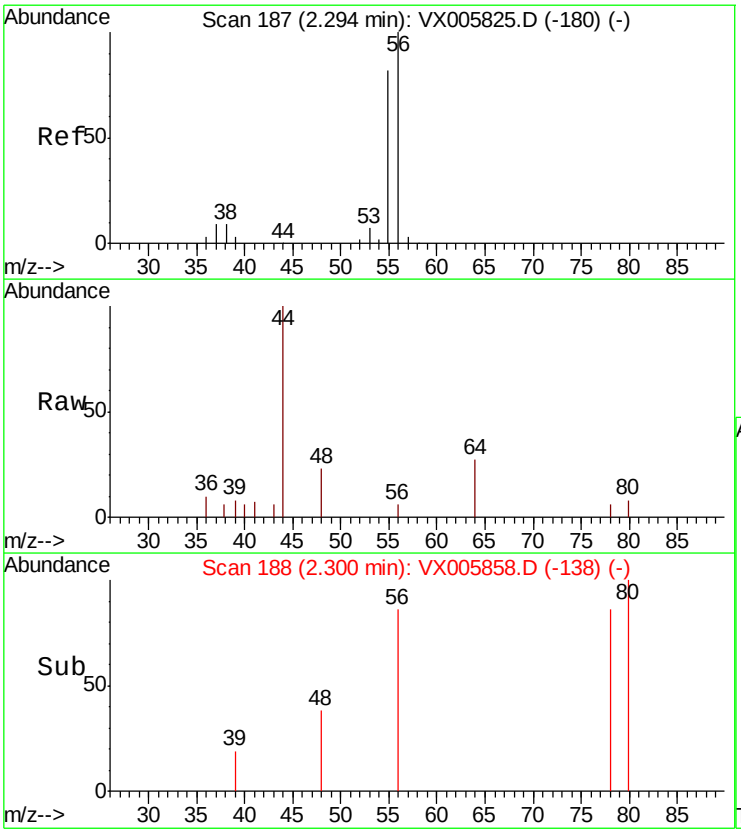
#11
Tert butyl alcohol
Concen: 7.355 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 59 Resp: 2775

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

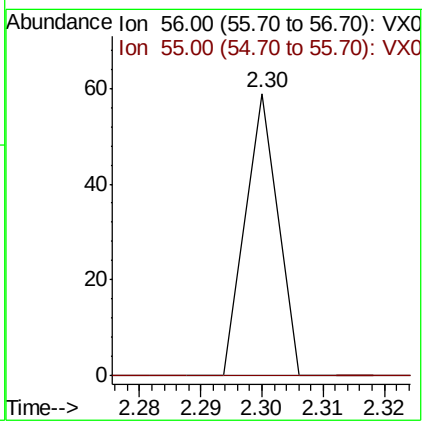


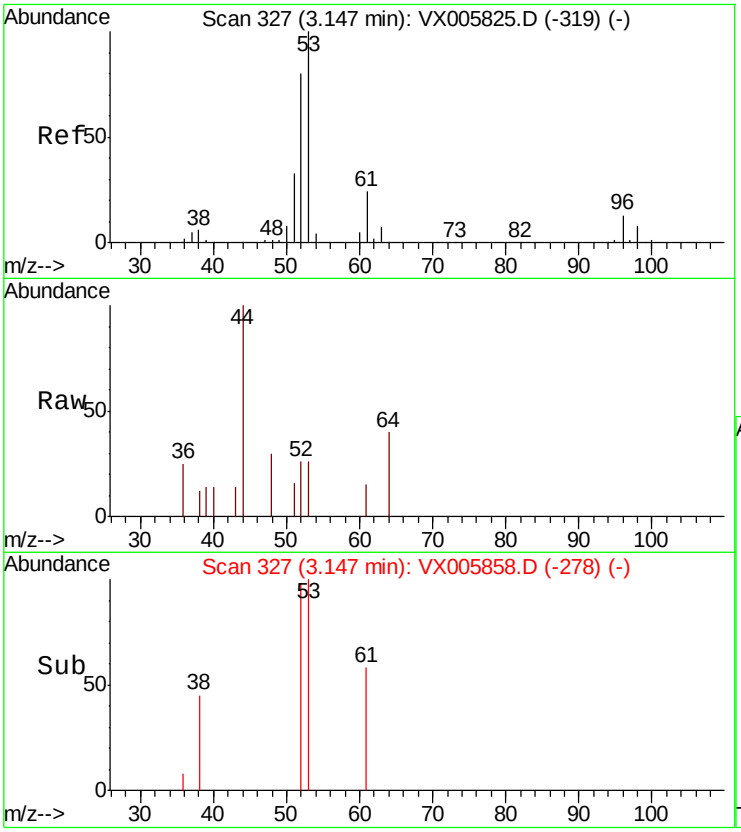


#13
Acrolein
Concen: 19.276 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#



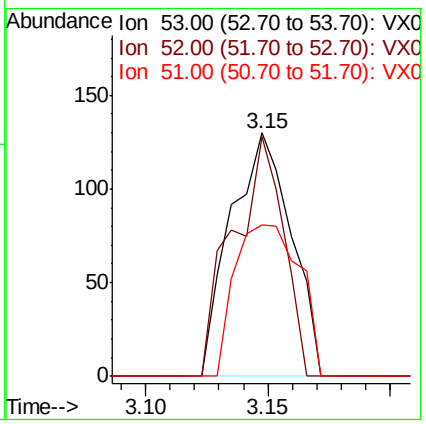


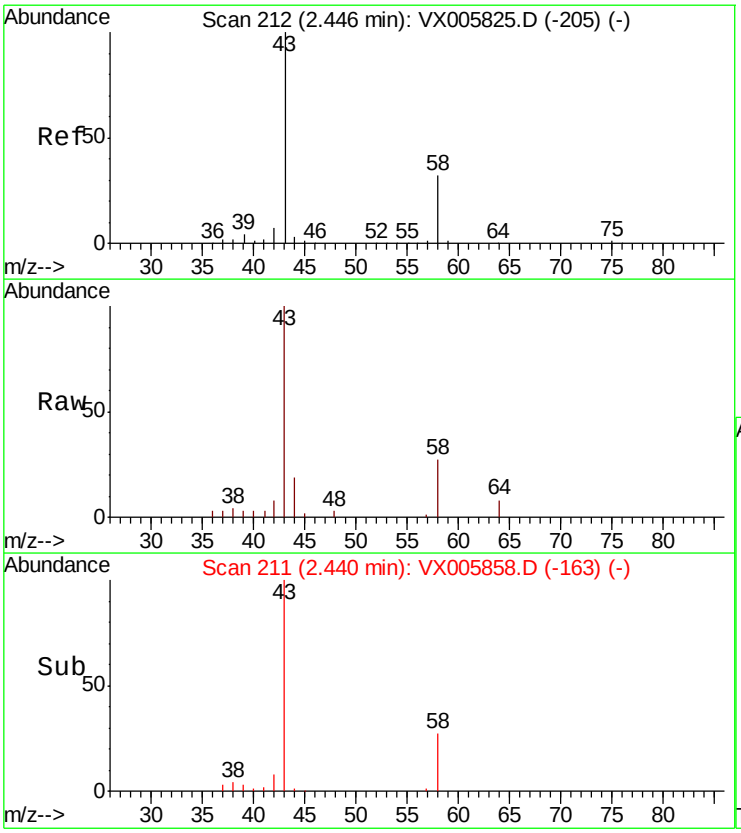
#15
Acrylonitrile
Concen: 0.285 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 53 Resp: 223

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	66.8	28.4	42.6#

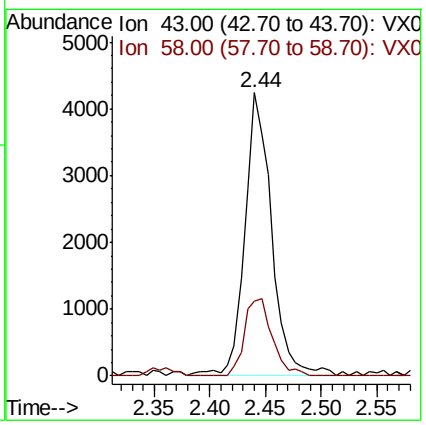


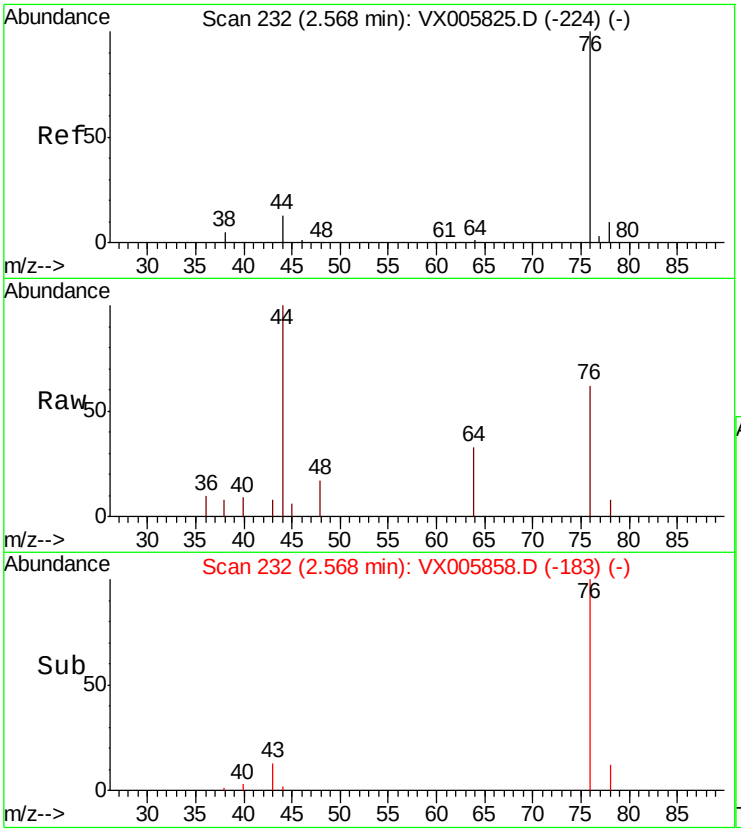


#16
Acetone
Concen: 10.031 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 43 Resp: 7114

Ion	Ratio	Lower	Upper
43	100		
58	26.6	23.8	35.6



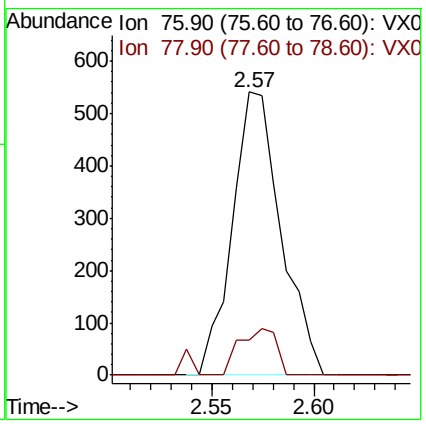


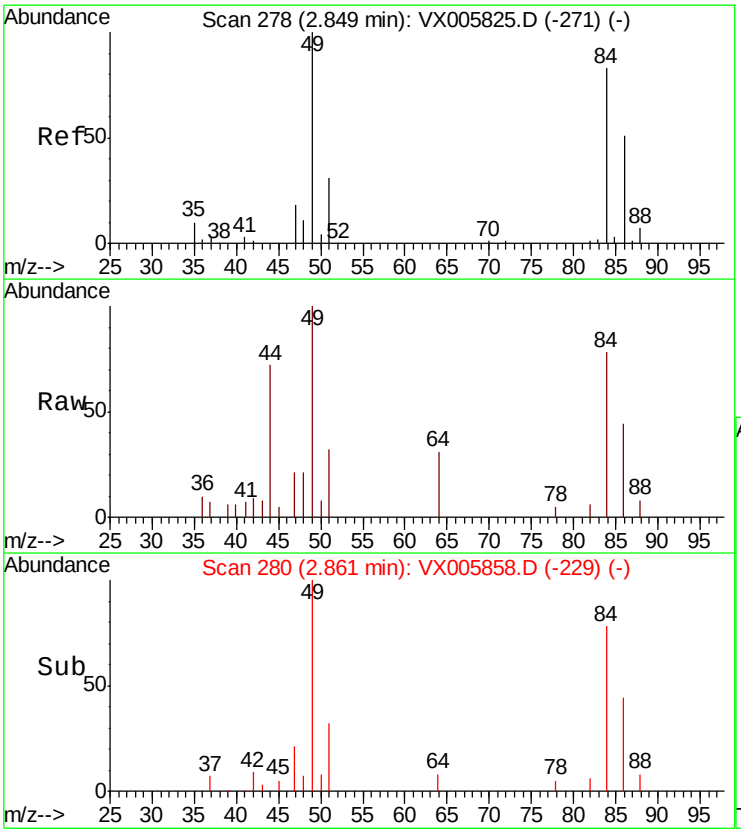
#17
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 76 Resp: 899

Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.3	10.9#

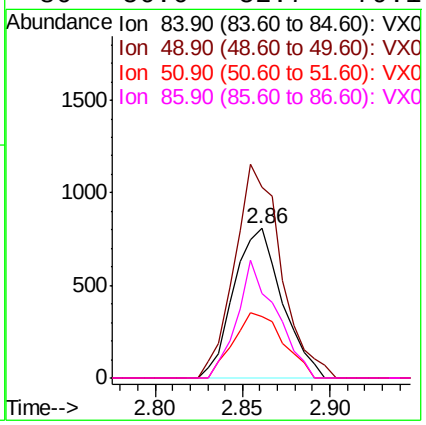


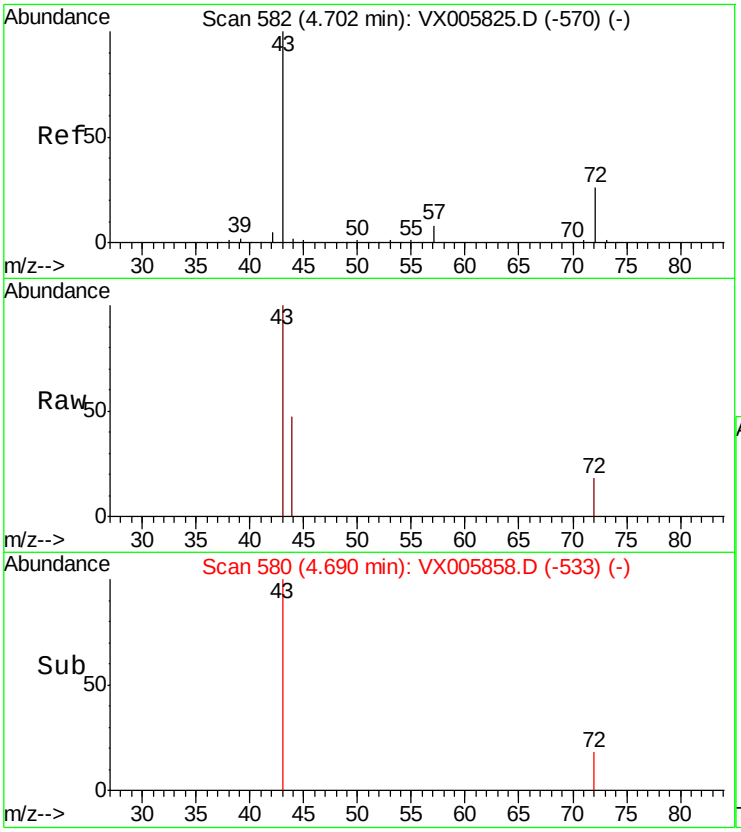


#20
Methylene Chloride
Concen: 1.343 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 84 Resp: 1565

Ion	Ratio	Lower	Upper
84	100		
49	127.8	109.5	164.3
51	41.3	33.3	49.9
86	56.6	52.7	79.1



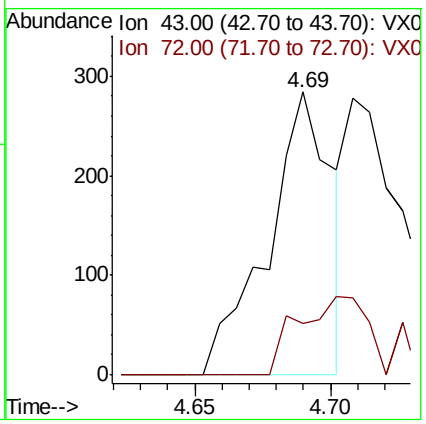


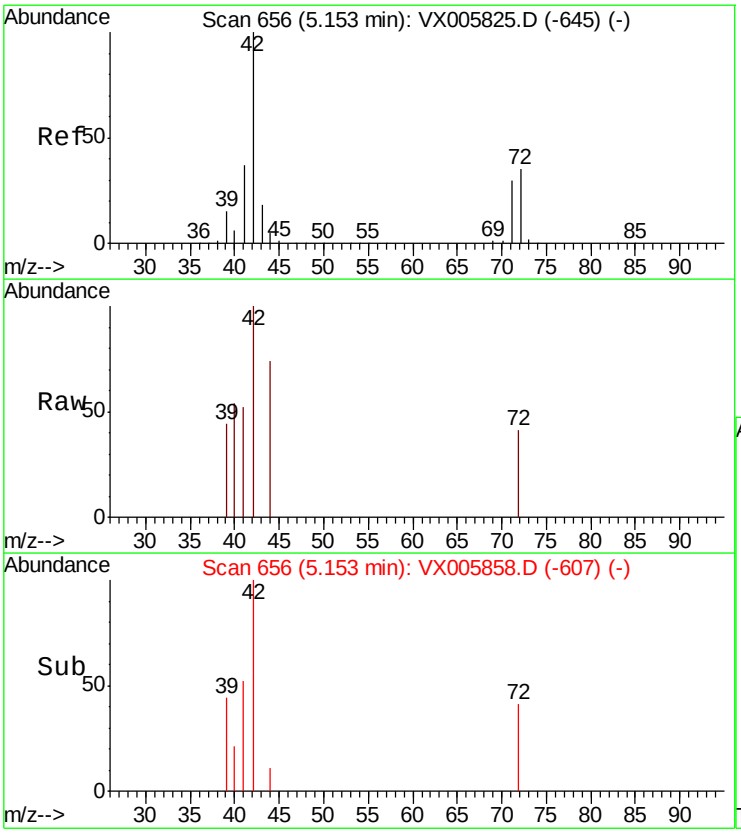
#25
2-Butanone
Concen: 0.413 ug/l
RT: 4.69 min Scan# 580
Delta R.T. -0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 43 Resp: 461

Ion	Ratio	Lower	Upper
43	100		
72	18.0	19.2	28.8#

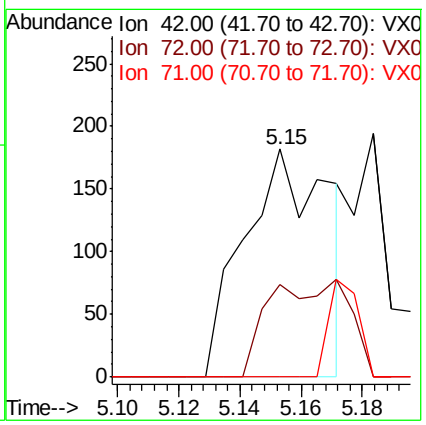


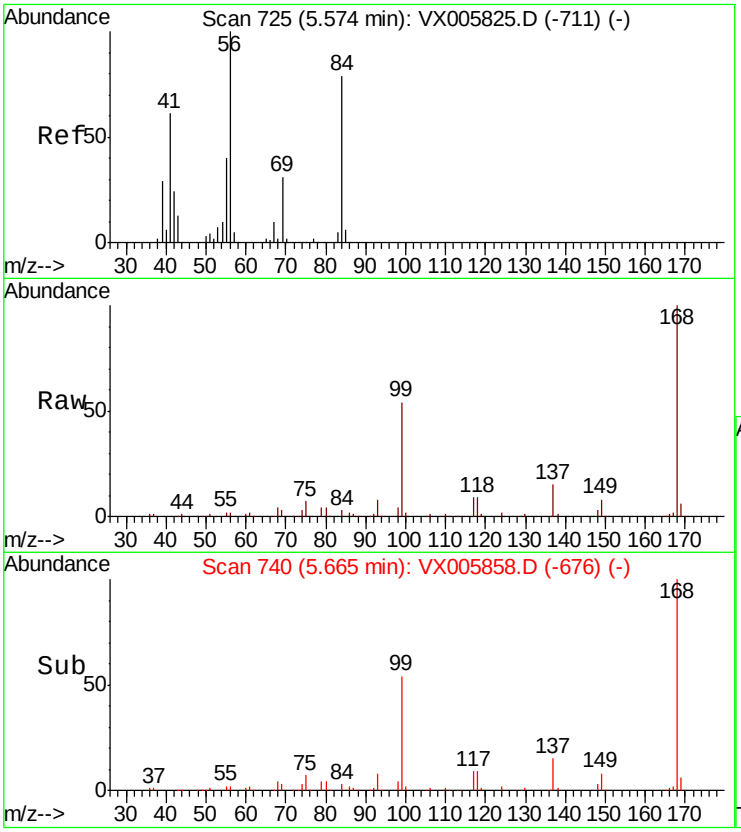


#29
Tetrahydrofuran
Concen: 0.483 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 42 Resp: 346

Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.0	48.0
71	15.3	29.8	44.8#



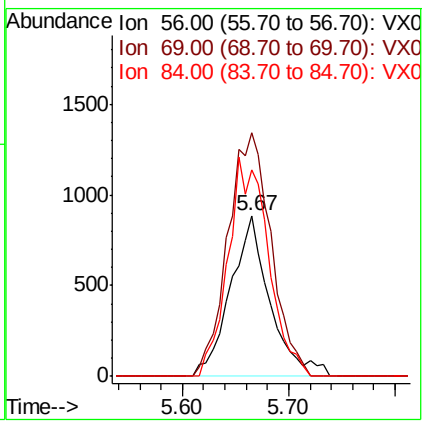


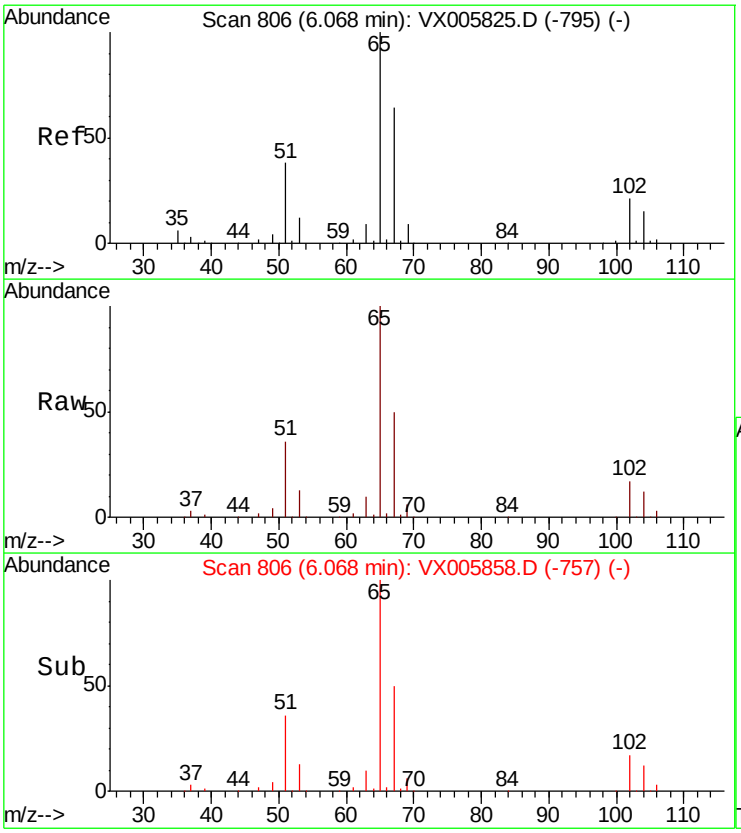
#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Tgt Ion: 56 Resp: 2303

Ion	Ratio	Lower	Upper
56	100		
69	151.3	22.6	34.0#
84	128.2	62.7	94.1#

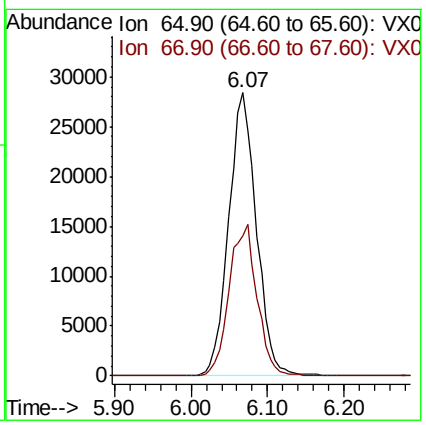


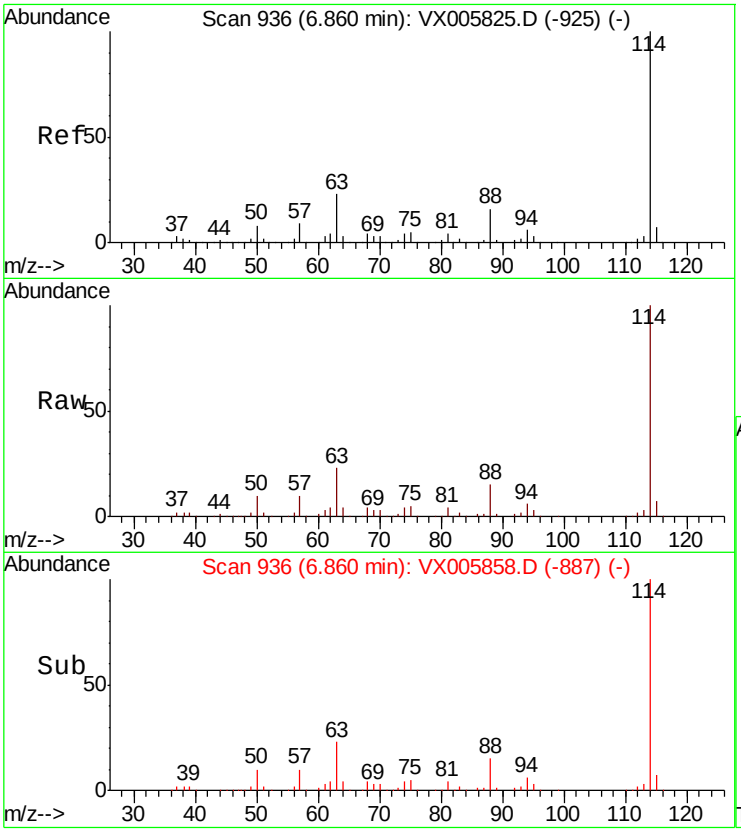


#33
1,2-Dichloroethane-d4
Concen: 54.138 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 65 Resp: 71306

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.0



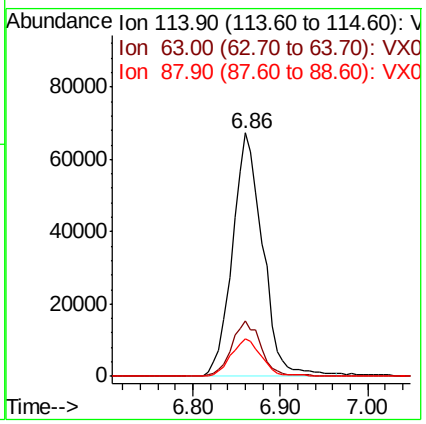


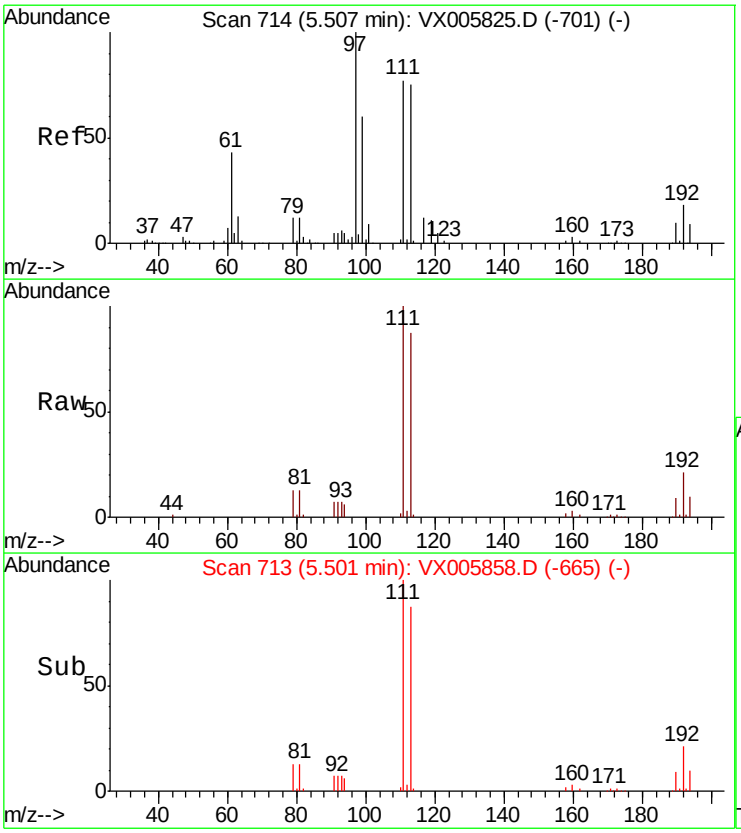
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion:114 Resp: 161924

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	42.8
88	15.4	0.0	31.2

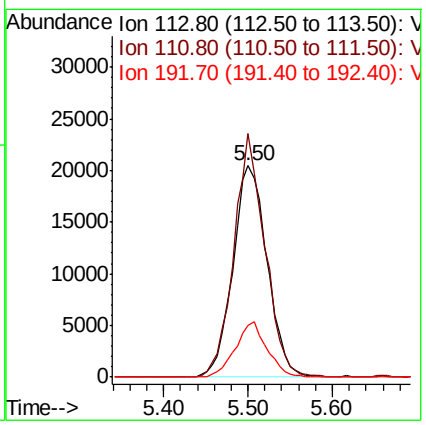


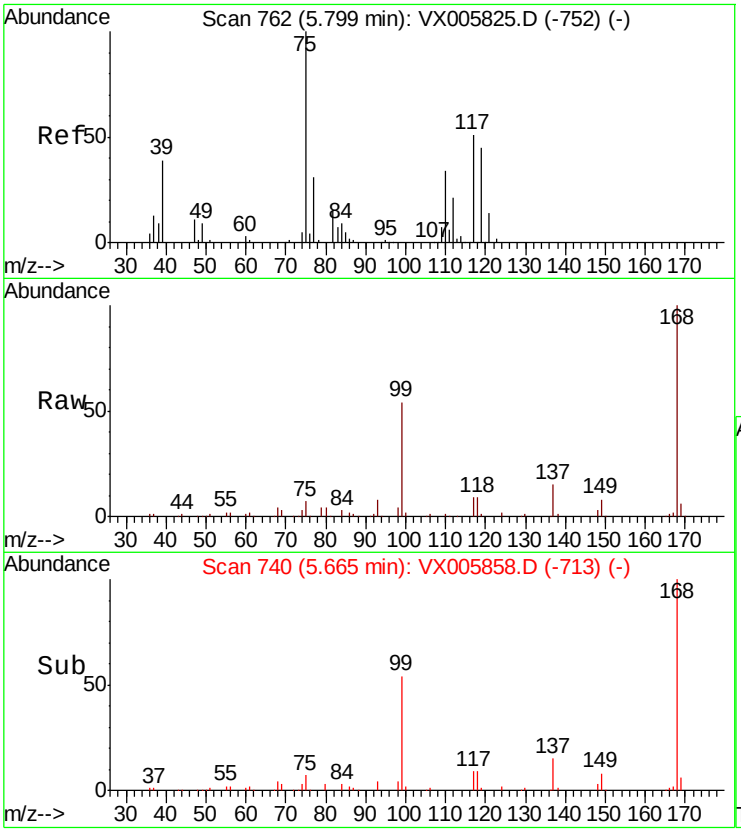


#35
Dibromofluoromethane
Concen: 51.103 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion:113 Resp: 56281

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.3	123.5
192	24.0	17.9	26.9



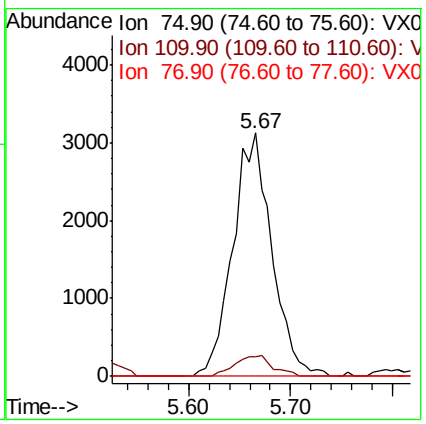


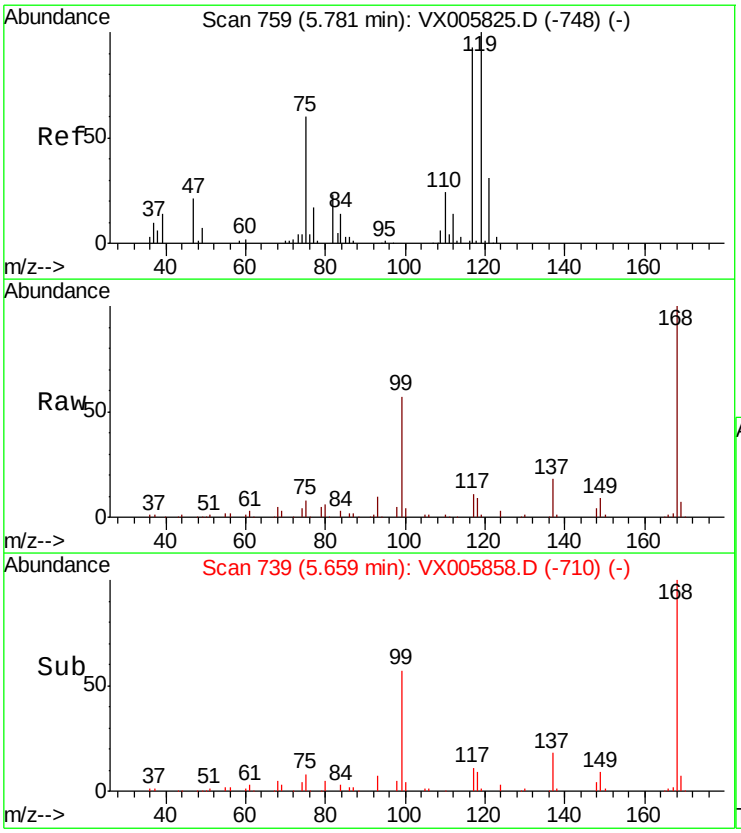
#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 75 Resp: 8291

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	25.8	38.6#

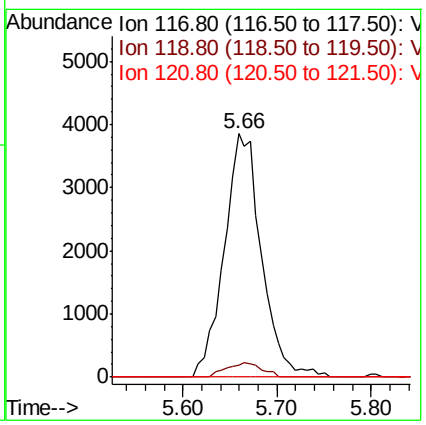


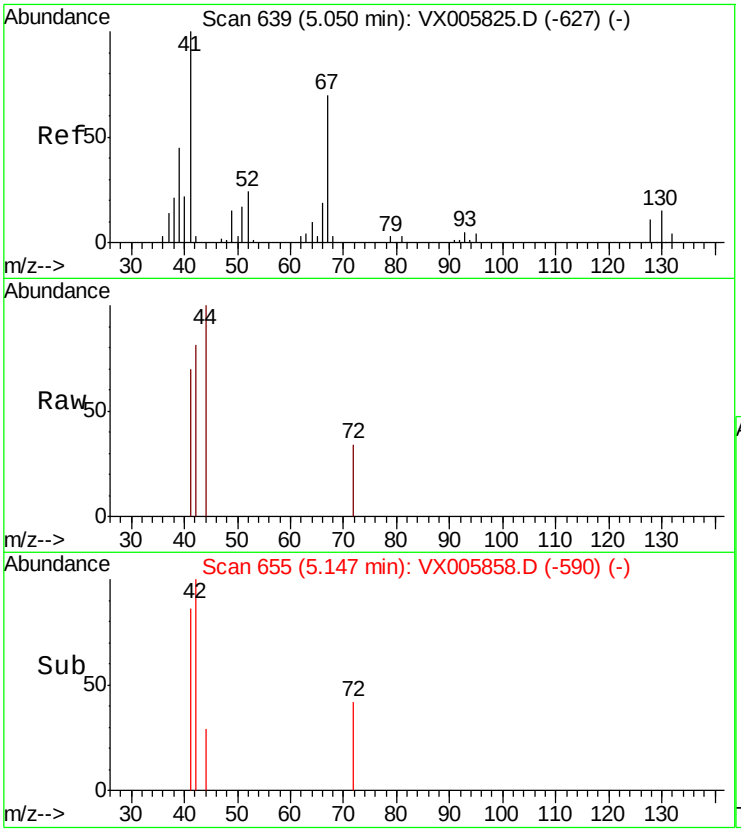


#38
Carbon Tetrachloride
Concen: 6.760 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion:117 Resp: 10564

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.1	117.1#
121	0.0	24.6	36.8#



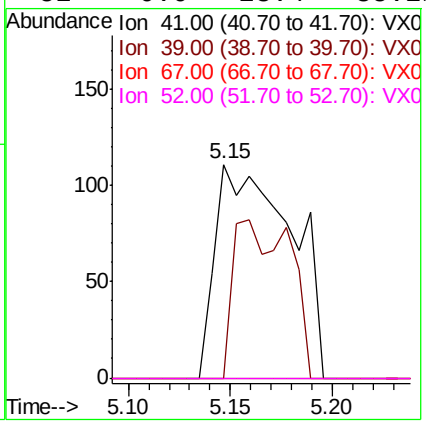


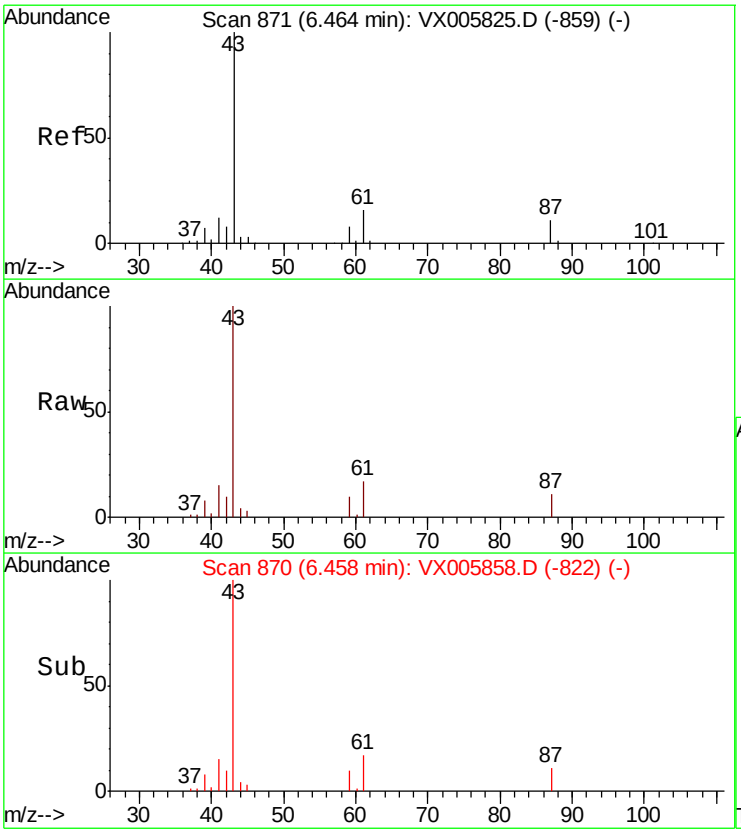
#41
Methacrylonitrile
Concen: 0.258 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.10 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 41 Resp: 286

Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.2	63.2
67	0.0	53.4	80.0#
52	0.0	23.4	35.2#

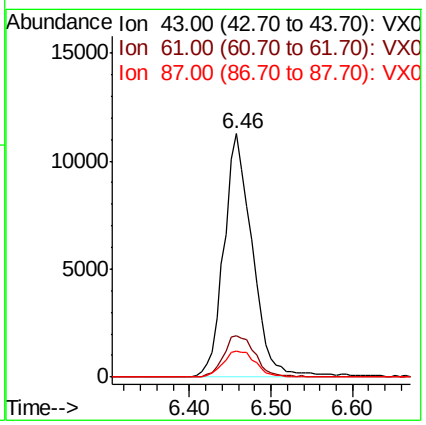


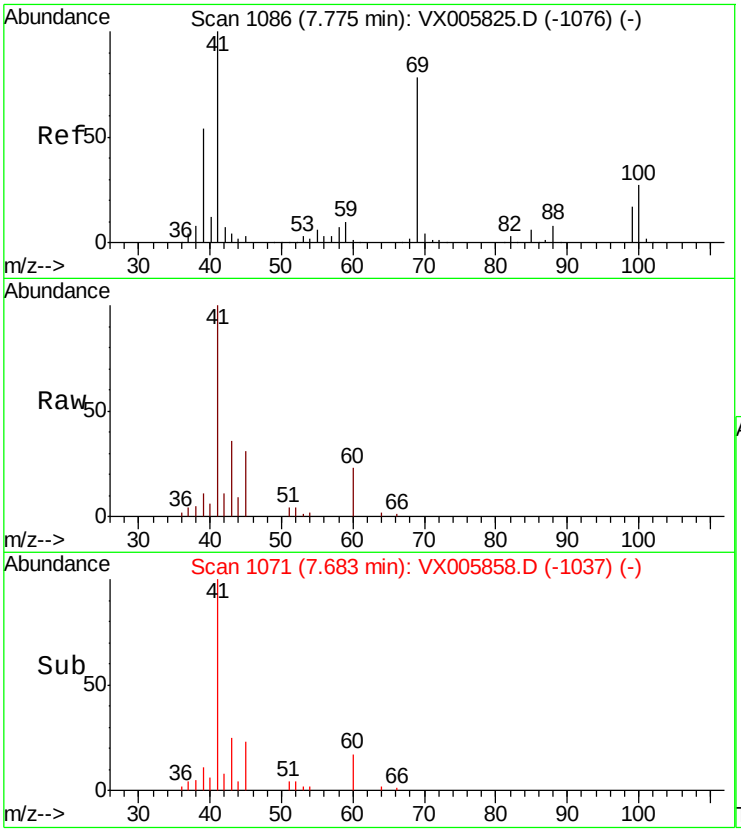


#43
Isopropyl Acetate
Concen: 9.124 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 43 Resp: 27138

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.6	22.0
87	12.1	9.6	14.4



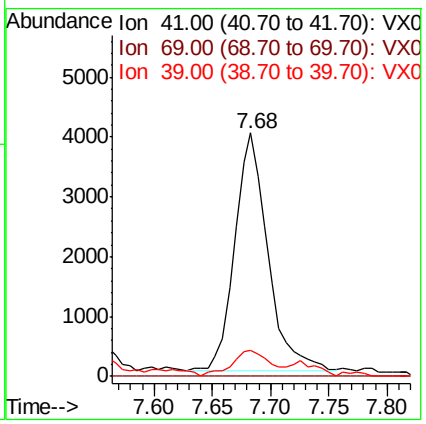


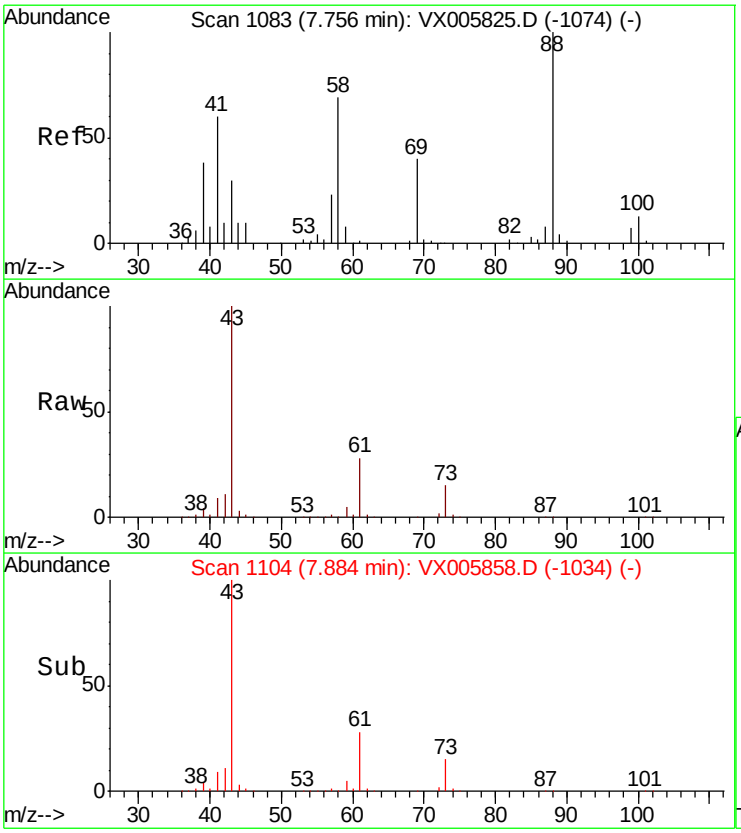
#48
Methyl methacrylate
Concen: 5.923 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Tgt Ion: 41 Resp: 7910

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	0.0	42.2	63.2#

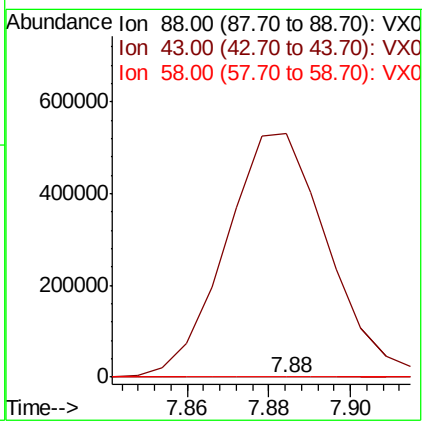


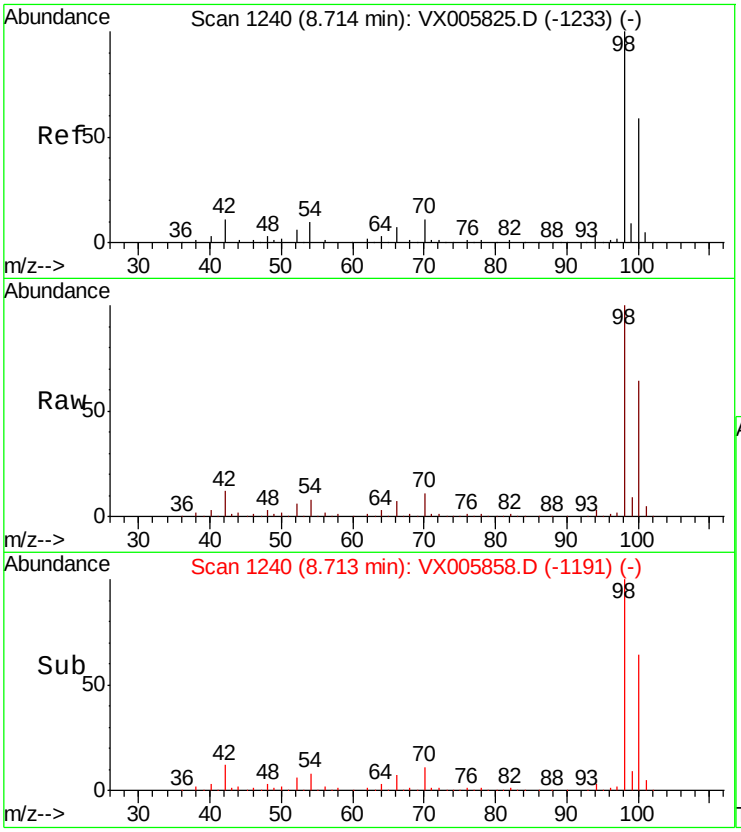


#49
1,4-Dioxane
Concen: 2.988 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.13 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 88 Resp: 86

Ion	Ratio	Lower	Upper
88	100		
43	1107959.3	27.4	41.0#
58	4269.8	59.4	89.2#



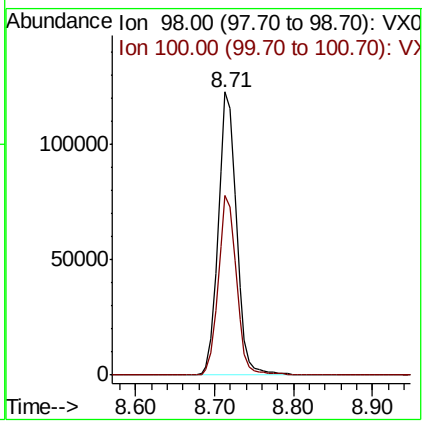


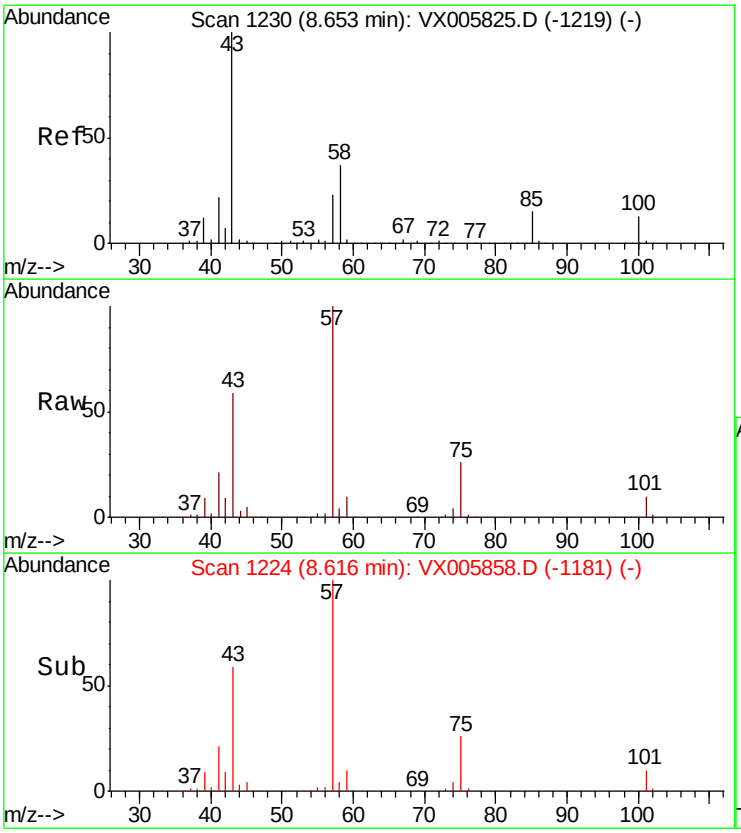
#50
Toluene-d8
Concen: 54.183 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 98 Resp: 198388

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

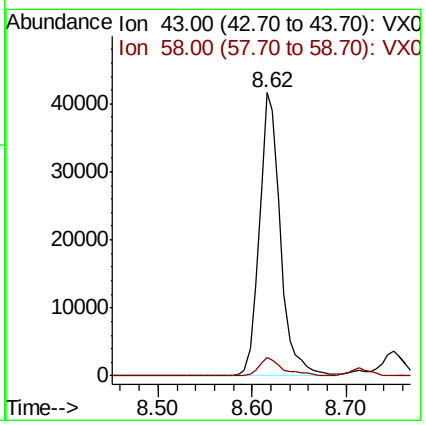


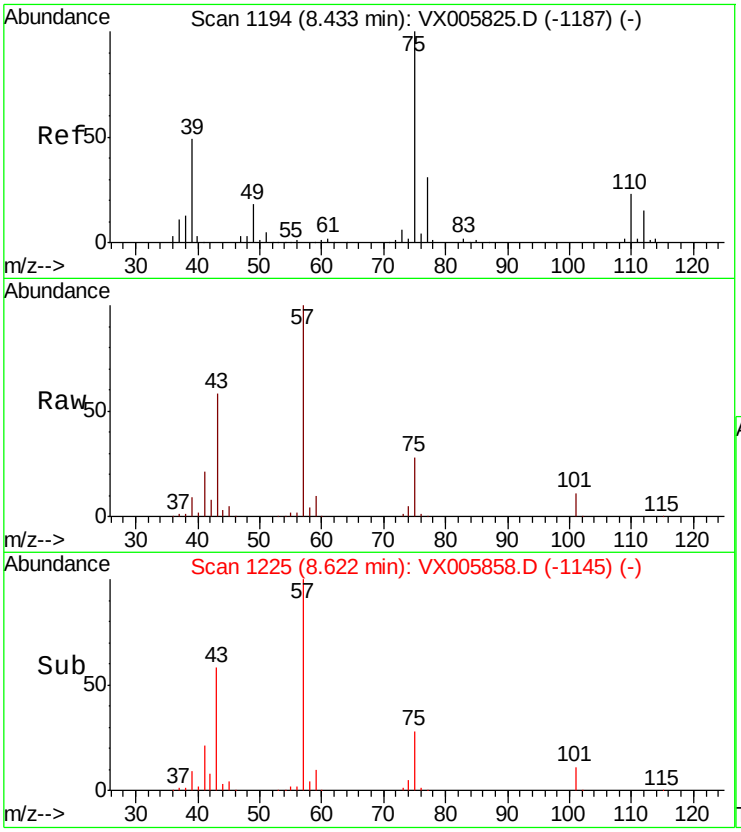


#51
4-Methyl-2-Pentanone
Concen: 35.149 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 43 Resp: 65891

Ion	Ratio	Lower	Upper
43	100		
58	7.4	29.7	44.5#



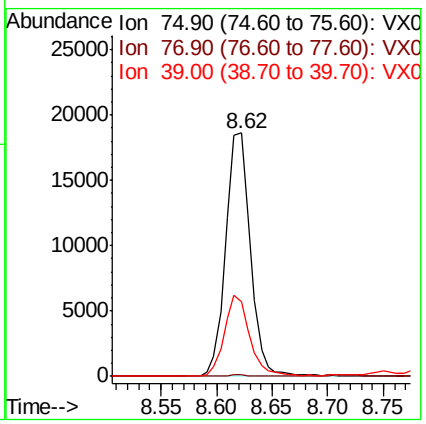


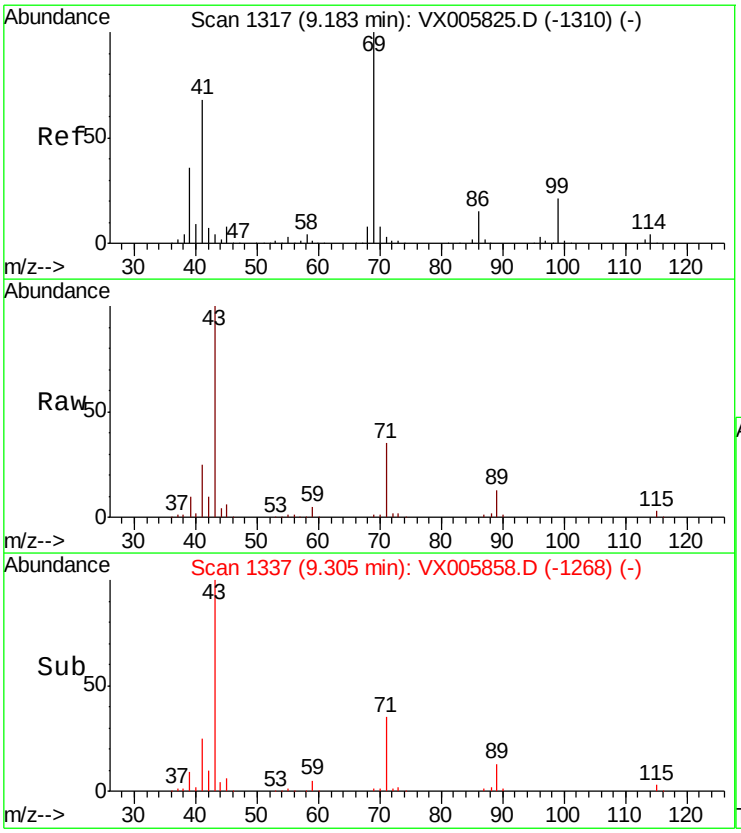
#54
cis-1,3-Dichloropropene
Concen: 18.238 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 75 Resp: 28734

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	30.8	38.2	57.2#

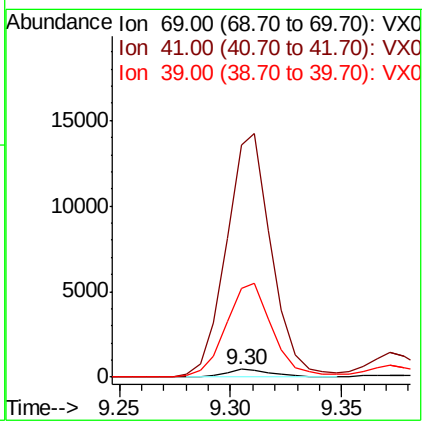


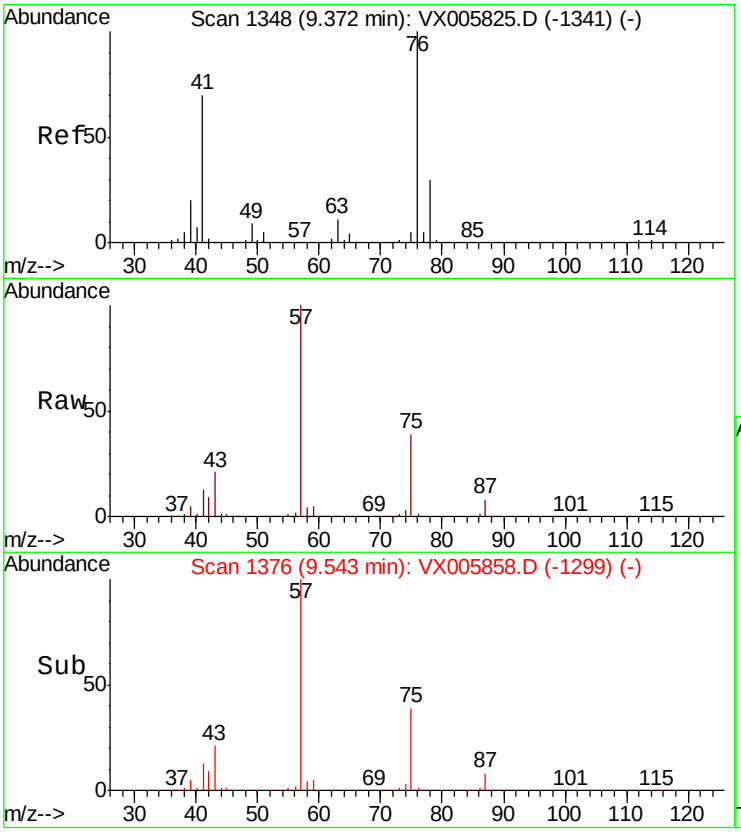


#56
Ethyl methacrylate
Concen: 0.387 ug/l
RT: 9.30 min Scan# 1337
Delta R.T. 0.12 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 69 Resp: 656

Ion	Ratio	Lower	Upper
69	100		
41	3059.6	57.0	85.6#
39	1222.3	28.3	42.5#



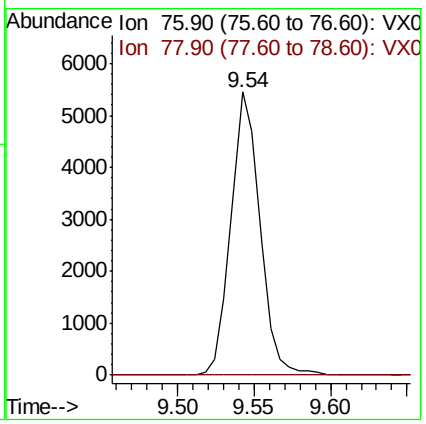


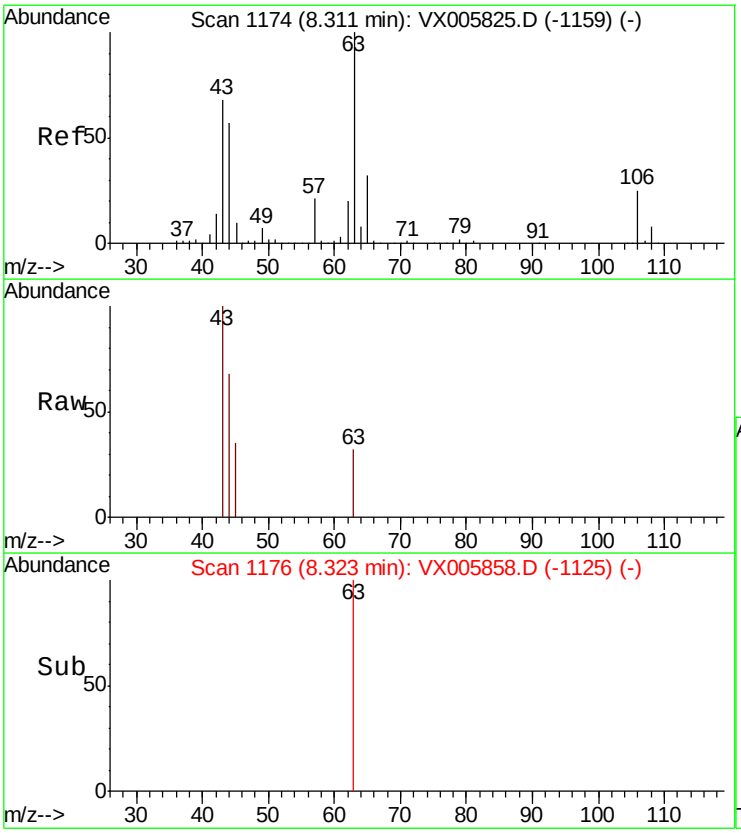
#57
1,3-Dichloropropane
Concen: 3.777 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 76 Resp: 7194

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.3	37.9#

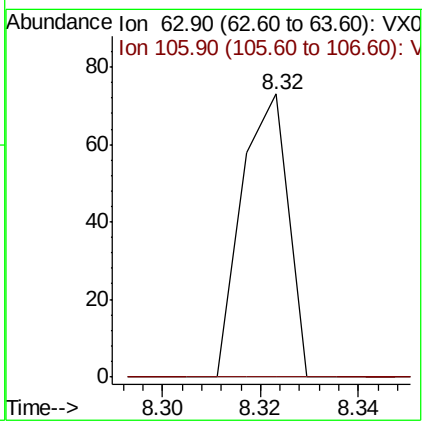


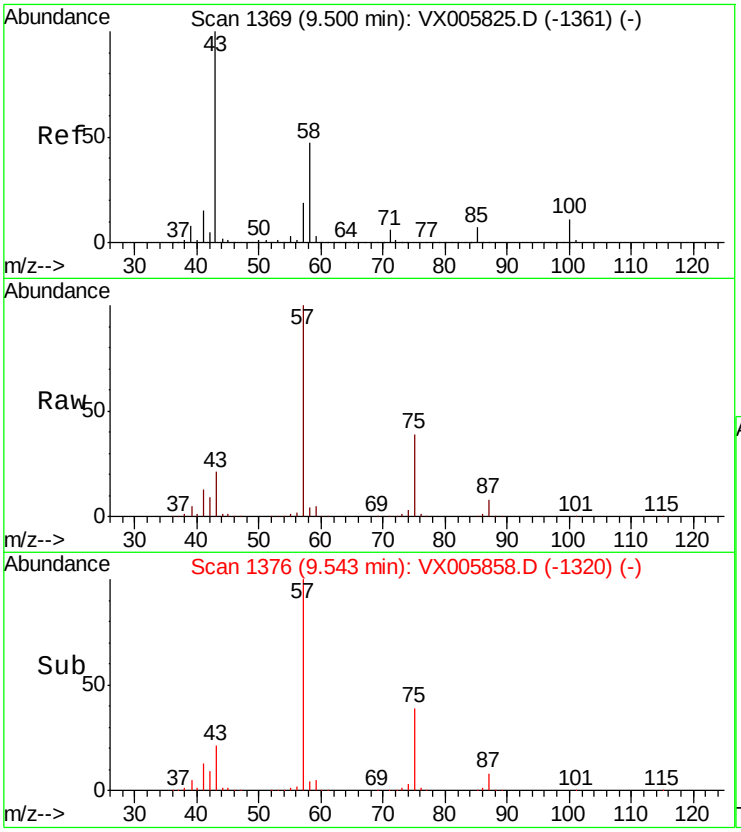


#58
2-Chloroethyl Vinyl ether
Concen: 8.329 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 63 Resp: 48

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



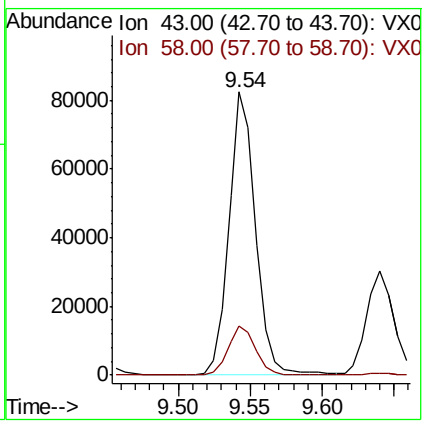


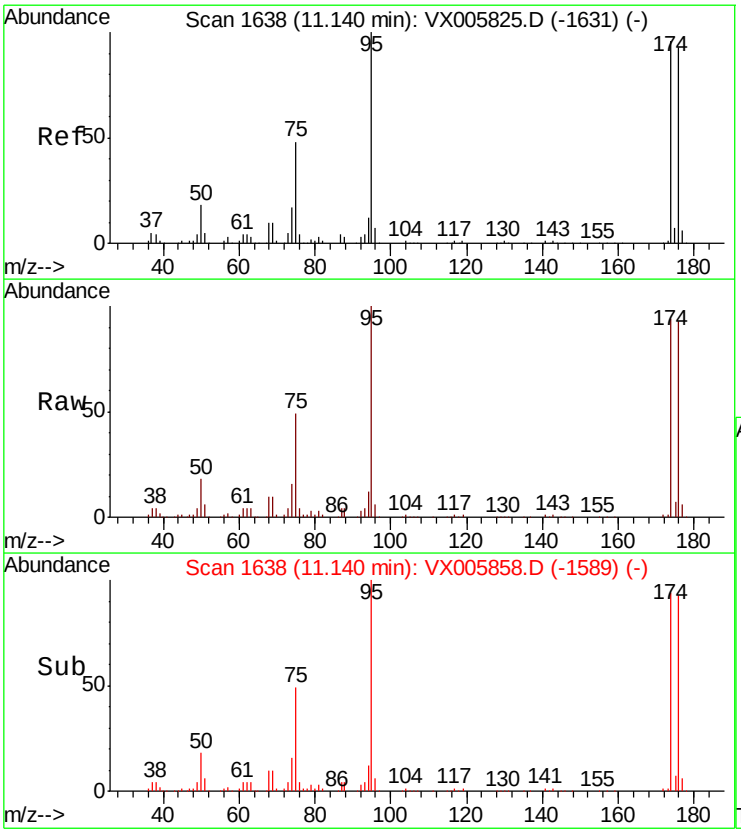
#59
2-Hexanone
Concen: 64.394 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion: 43 Resp: 106404

Ion	Ratio	Lower	Upper
43	100		
58	18.4	25.9	77.8#

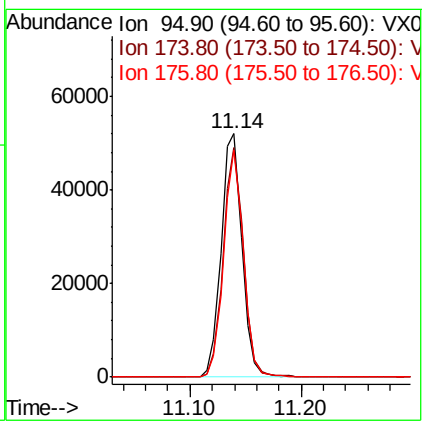


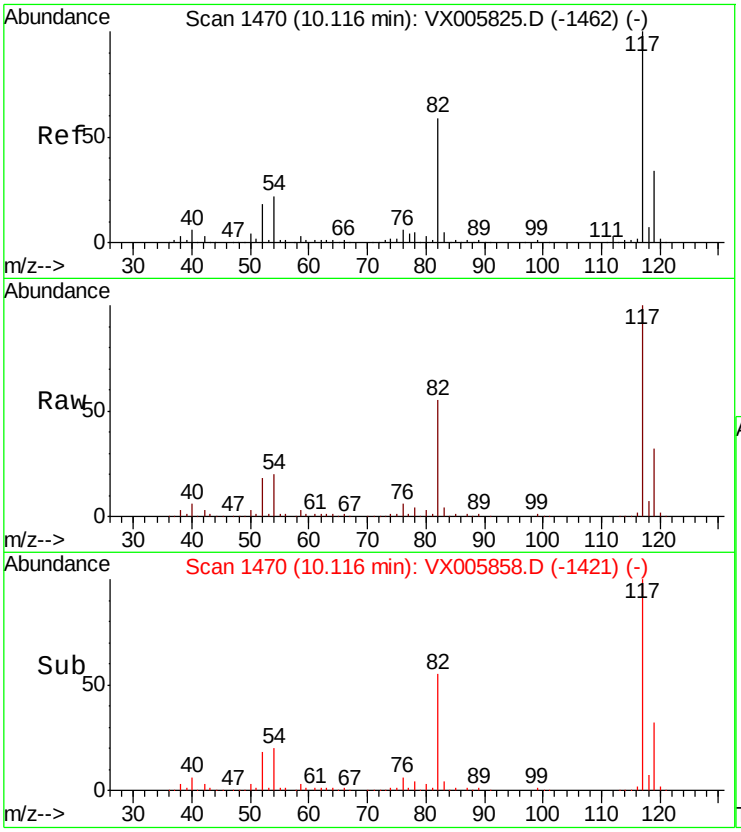


#62
4-Bromofluorobenzene
Concen: 51.213 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 95 Resp: 67418

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	184.4
176	88.4	0.0	177.4



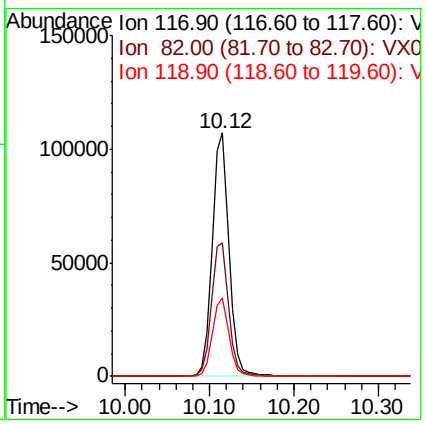


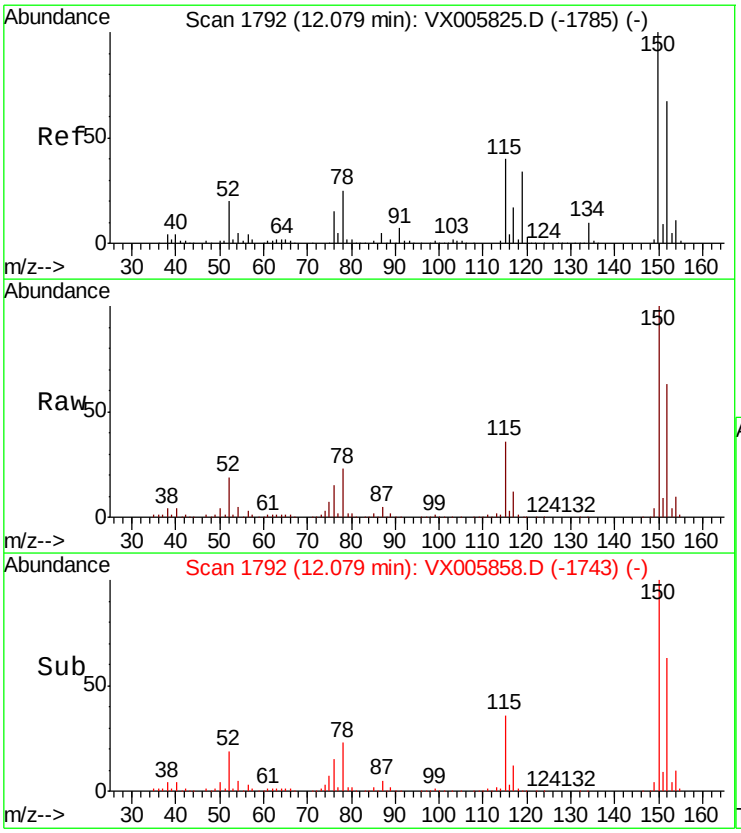
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Tgt Ion:117 Resp: 148135

Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.1	66.1
119	32.2	26.2	39.2

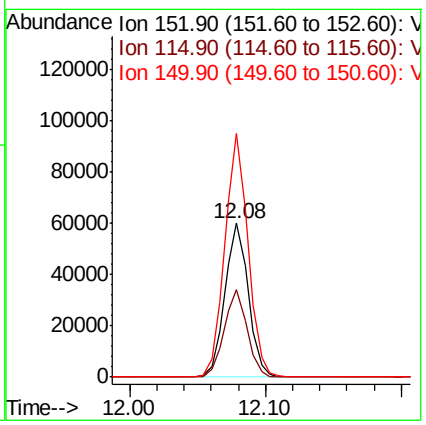


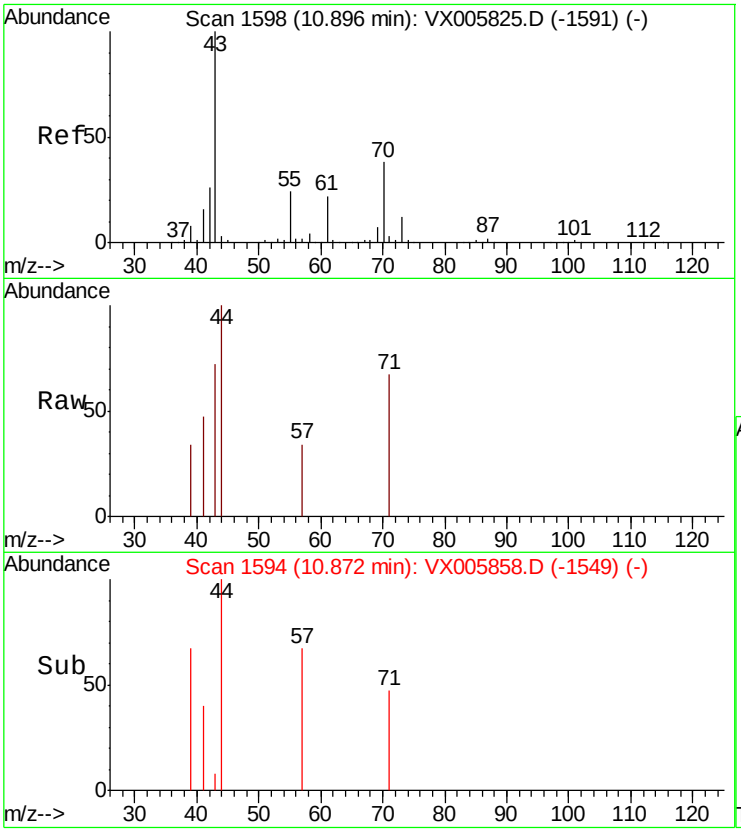


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion:152 Resp: 71034

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	157.3	0.0	346.4



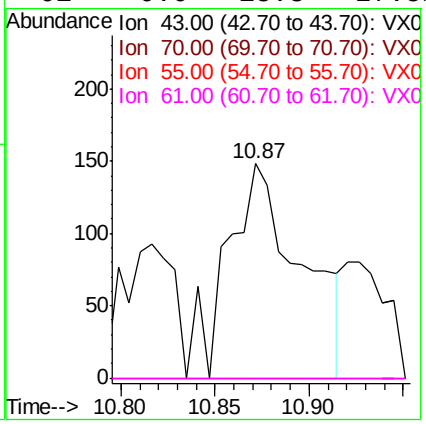


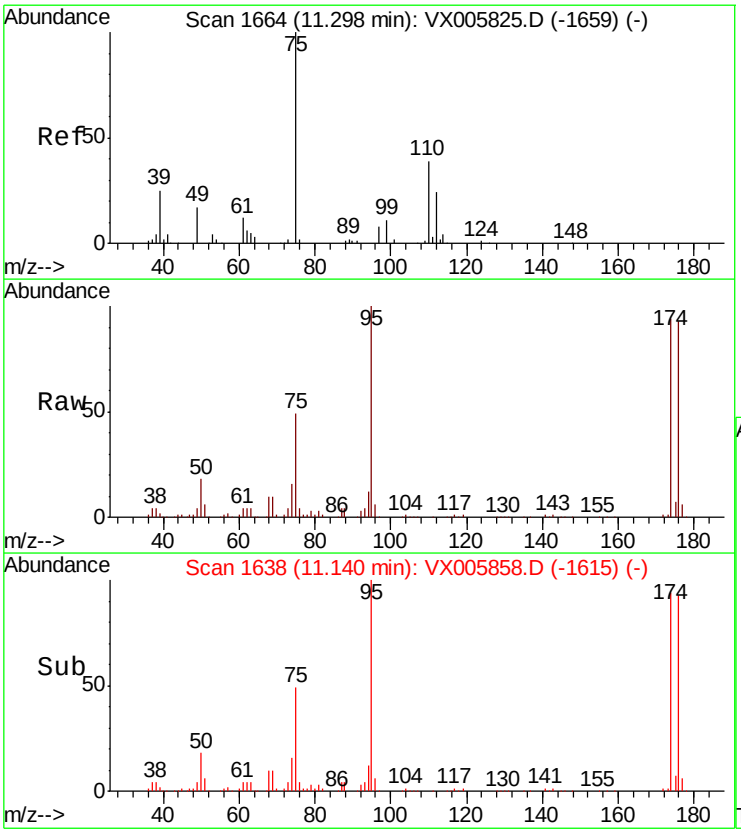
#74
N-amyl acetate
Concen: 1.421 ug/l
RT: 10.87 min Scan# 1594
Delta R.T. -0.02 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Tgt Ion: 43 Resp: 402

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.6	47.4#
55	0.0	19.7	29.5#
61	0.0	18.3	27.5#

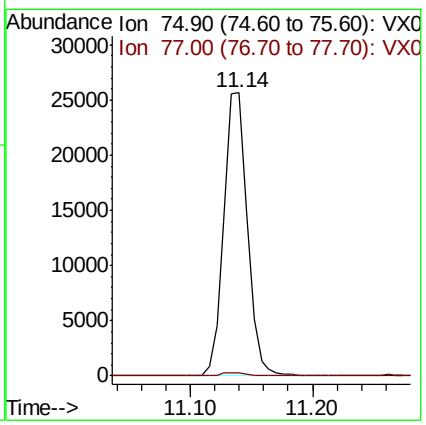


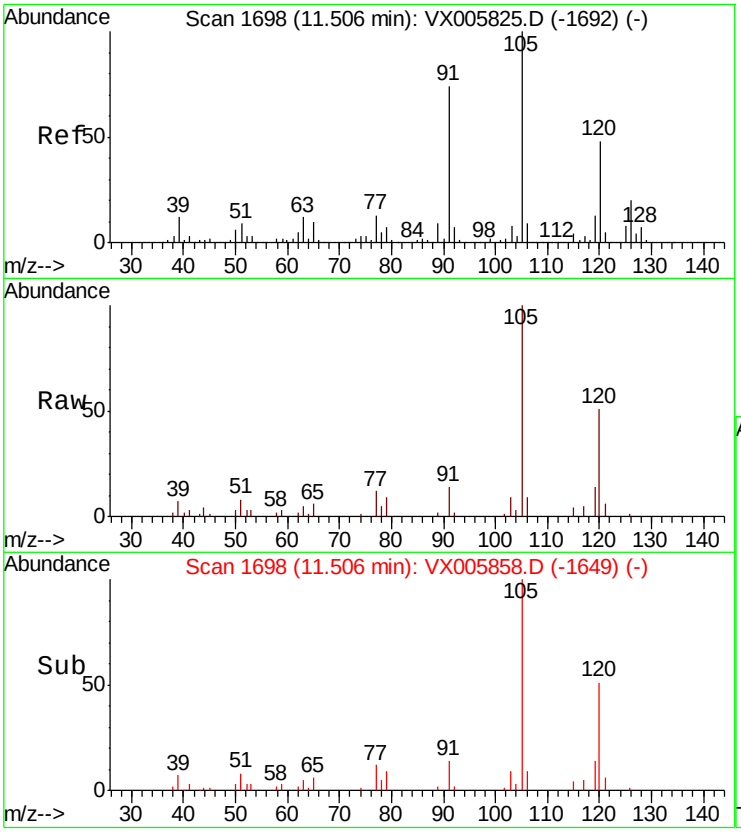


#76
1,2,3-Trichloropropane
Concen: 23.613 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 75 Resp: 34154

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.6#



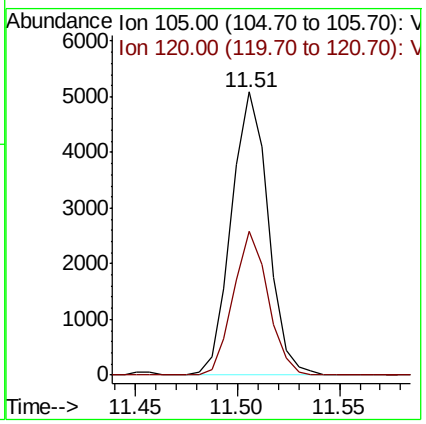


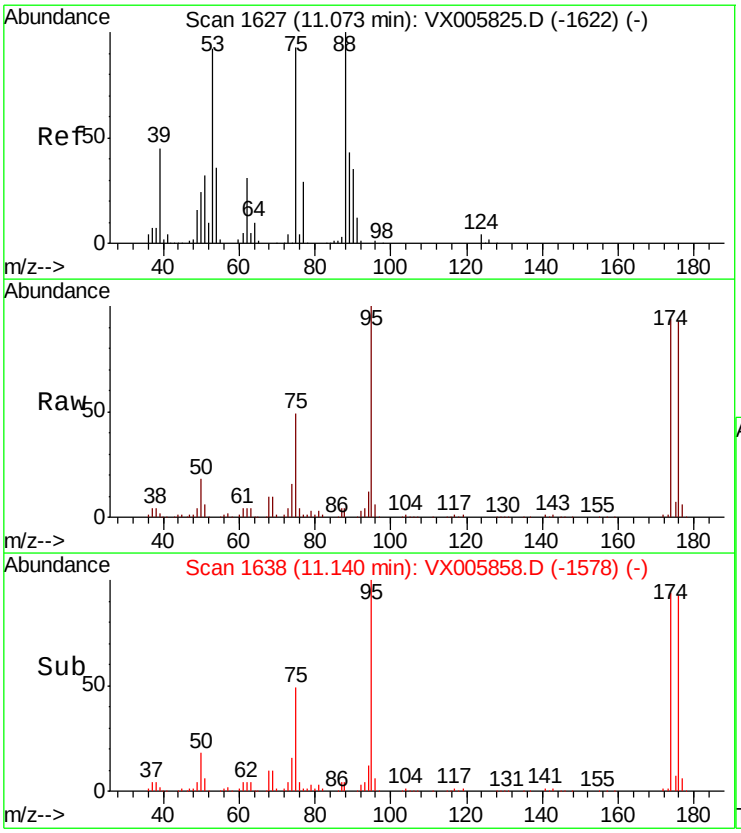
#80
1,3,5-Trimethylbenzene
Concen: 1.813 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion:105 Resp: 6330

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2

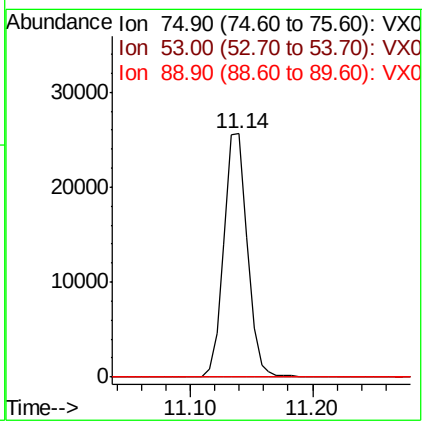


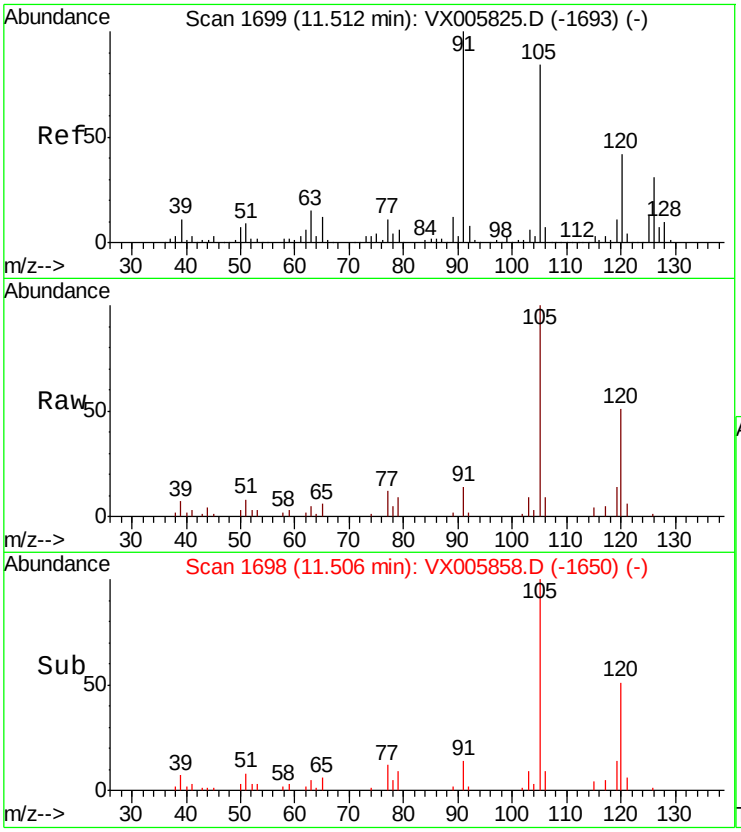


#81
trans-1,4-Dichloro-2-butene
Concen: 75.258 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion: 75 Resp: 34154

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	0.0	39.8	59.8#



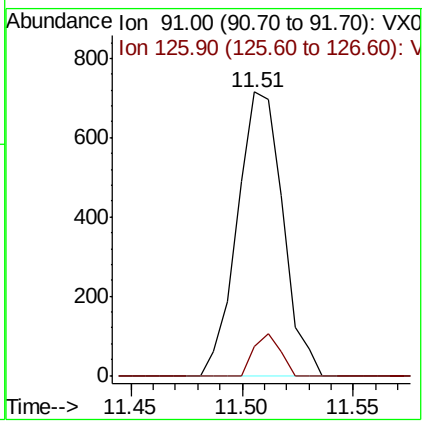


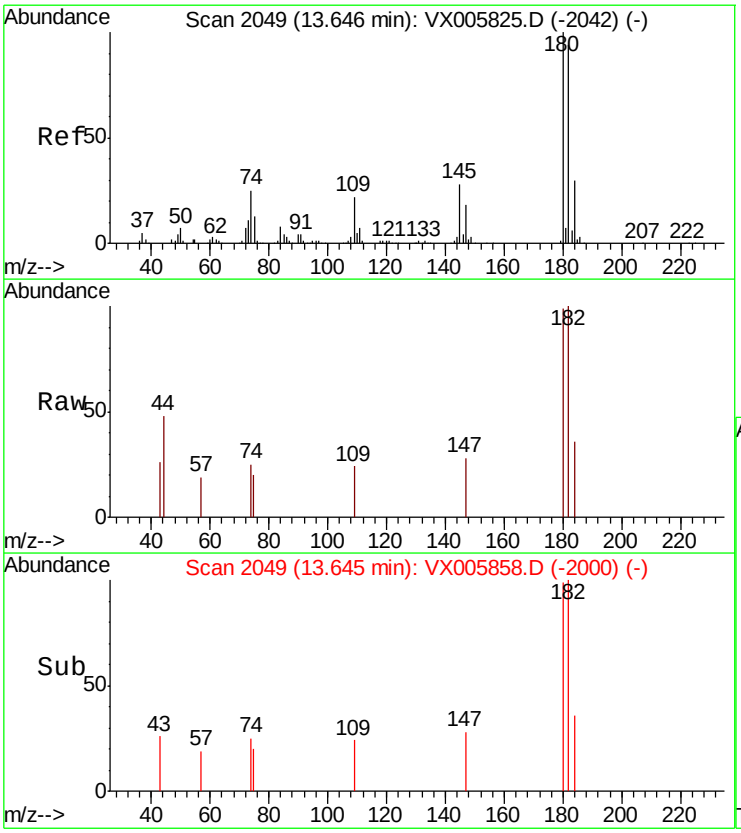
#82
4-Chlorotoluene
Concen: 0.296 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument : MSVOA_X
ClientSampleId : PB114659ZHE#01

Tgt Ion: 91 Resp: 1021

Ion	Ratio	Lower	Upper
91	100		
126	8.5	15.2	45.6#

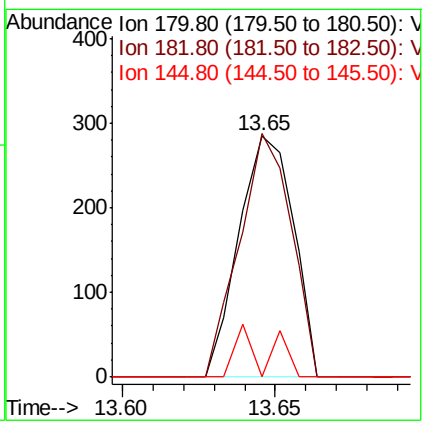


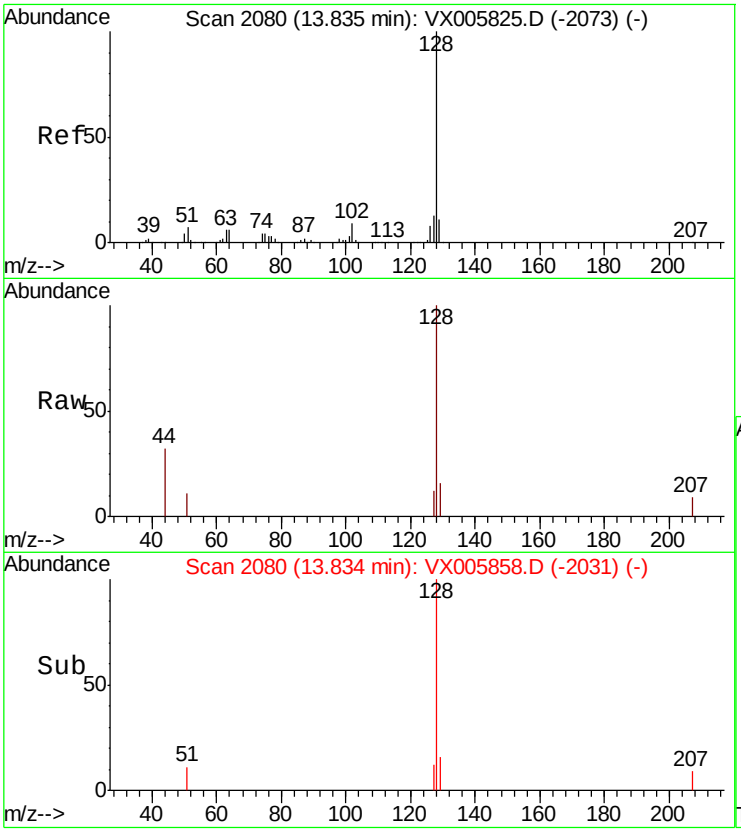


#93
1,2,4-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Tgt Ion:180 Resp: 353

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	12.2	14.1	42.2#





#95
Naphthalene
Concen: 1.324 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005858.D
Acq: 09 Nov 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
PB114659ZHE#01

Tgt Ion:128 Resp: 765

Ion	Ratio	Lower	Upper
128	100		
127	8.1	10.4	15.6#
129	15.0	8.7	13.1#