Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110918\
Data File : VX005868.D
Acq On : 09 Nov 2018 18:11
Operator : JC/MD
Sample : J5884-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Quant Time: Nov 11 23:52:35 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	5.66	168	107708	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	145548	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	139739	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	65382	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	69460	56.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.20%				
35) Dibromofluoromethane	5.51	113	56842	57.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.84%				
50) Toluene-d8	8.71	98	187857	57.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.16%				
62) 4-Bromofluorobenzene	11.14	95	61478	51.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.92%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	303	0.238	ug/l		96
11) Tert butyl alcohol	3.03	59	305	0.860	ug/l	#	72
13) Acrolein	2.30	56	108	19.753	ug/l	#	44
16) Acetone	2.45	43	11254	16.880	ug/l		99
18) Methyl Acetate	2.78	43	5963	1.911	ug/l		97
20) Methylene Chloride	2.86	84	22883	20.895	ug/l		94
25) 2-Butanone	4.70	43	2661	2.539	ug/l	#	87
29) Tetrahydrofuran	5.17	42	447	0.664	ug/l	#	54
30) Chloroform	5.21	83	1181	0.616	ug/l		97
31) Cyclohexane	5.66	56	1976	1.146	ug/l	#	5
36) 1,1-Dichloropropene	5.67	75	7371	5.253	ug/l	#	49
37) Ethyl Acetate	4.70	43	2661	1.442	ug/l	#	69
38) Carbon Tetrachloride	5.66	117	9688	6.897	ug/l	#	17
41) Methacrylonitrile	5.15	41	213	0.214	ug/l	#	25
43) Isopropyl Acetate	6.46	43	15364	5.747	ug/l		99
47) Bromodichloromethane	7.90	83	289	0.245	ug/l	#	94
48) Methyl methacrylate	7.69	41	4974	4.143	ug/l	#	24
49) 1,4-Dioxane	7.88	88	19	0.734	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	34339	20.379	ug/l	#	52
54) cis-1,3-Dichloropropene	8.62	75	15481	10.932	ug/l	#	65
56) Ethyl methacrylate	9.31	69	414	0.272	ug/l	#	1
57) 1,3-Dichloropropane	9.54	76	3595	2.100	ug/l	#	43
59) 2-Hexanone	9.54	43	54186	36.482	ug/l	#	52
68) m/p-Xylenes	10.36	106	575	0.336	ug/l		87
74) N-amyl acetate	10.83	43	183	1.335	ug/l	#	44
76) 1,2,3-Trichloropropane	11.14	75	31873	23.941	ug/l	#	36
80) 1,3,5-Trimethylbenzene	11.51	105	1699	0.529	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	31873	76.304	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.80	105	2174	0.494	ug/l		94
85) sec-Butylbenzene	11.80	105	2174	0.547	ug/l	#	56
95) Naphthalene	13.83	128	919	1.368	ug/l	#	90

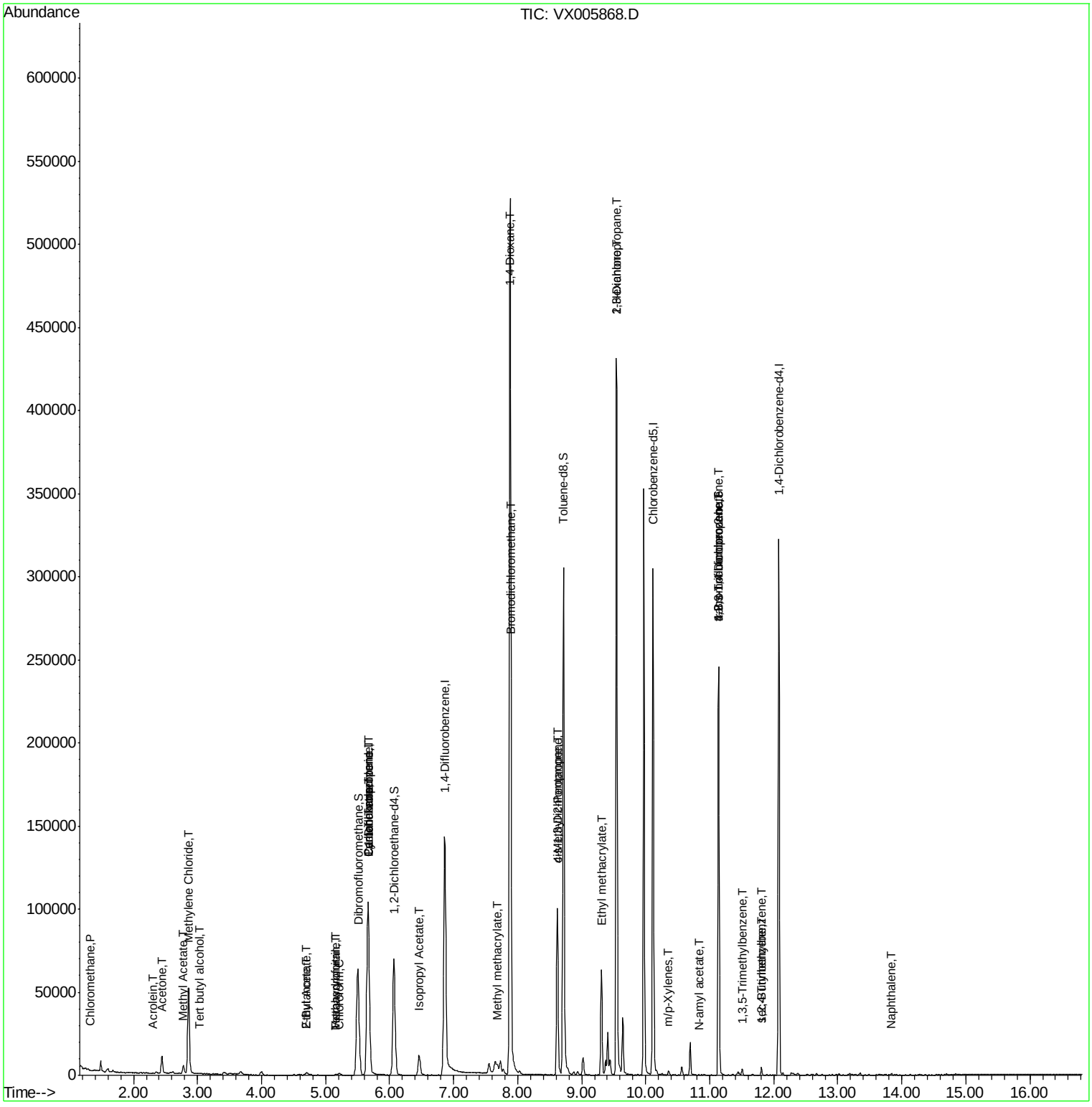
(#) = qualifier out of range (m) = manual integration (+) = signals summed

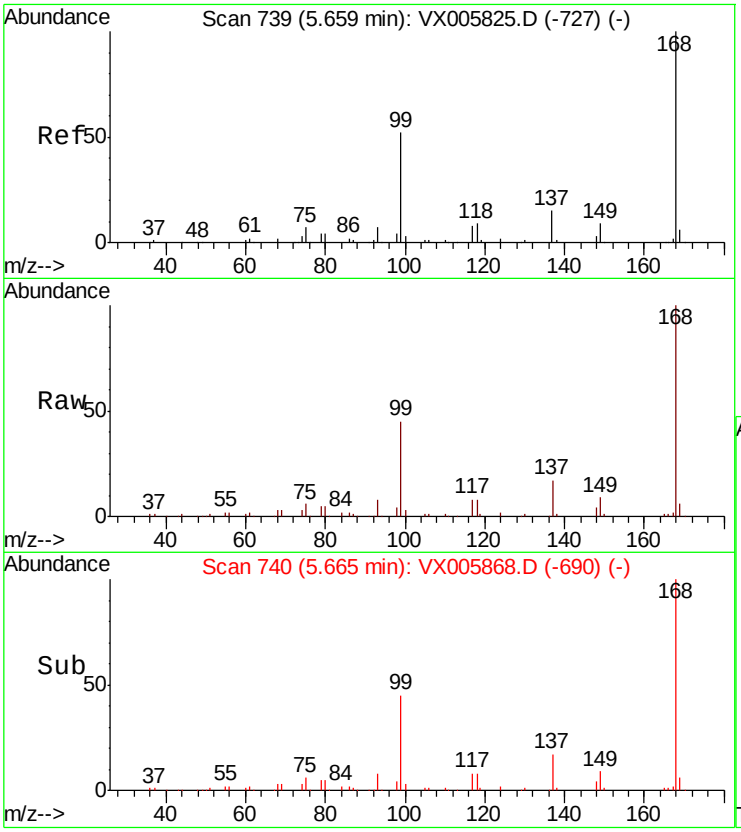
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110918\
Data File : VX005868.D
Acq On : 09 Nov 2018 18:11
Operator : JC/MD
Sample : J5884-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Quant Time: Nov 11 23:52:35 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



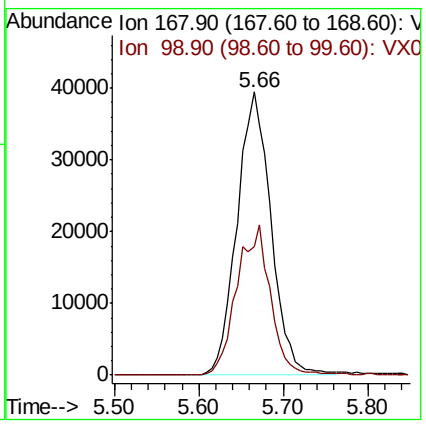


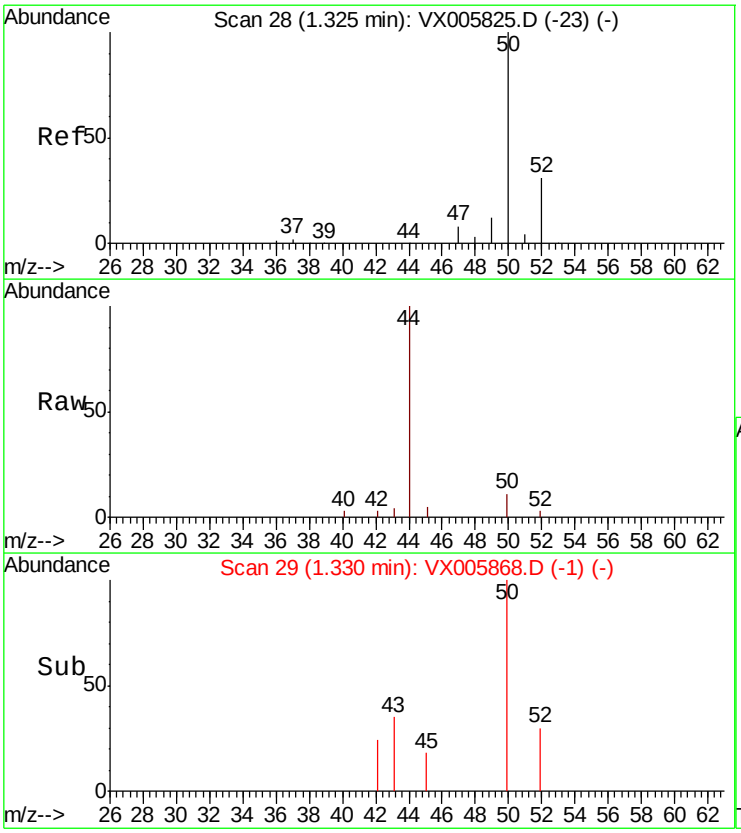
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion:168 Resp: 107708

Ion	Ratio	Lower	Upper
168	100		
99	45.3	40.7	61.1

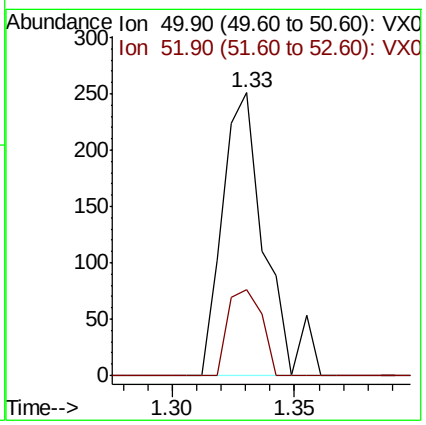


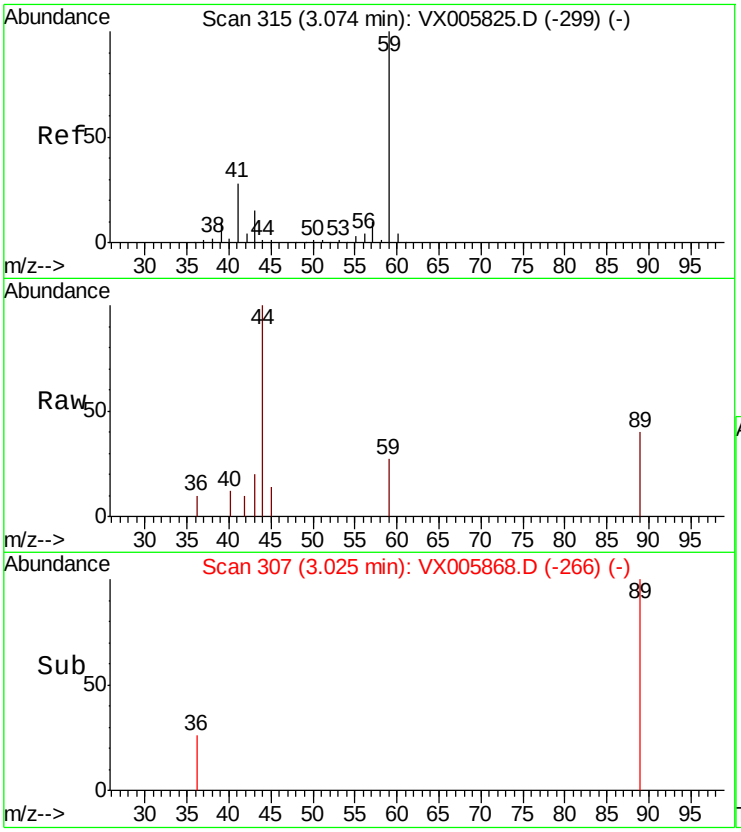


#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 50 Resp: 303

Ion	Ratio	Lower	Upper
50	100		
52	30.3	26.2	39.2



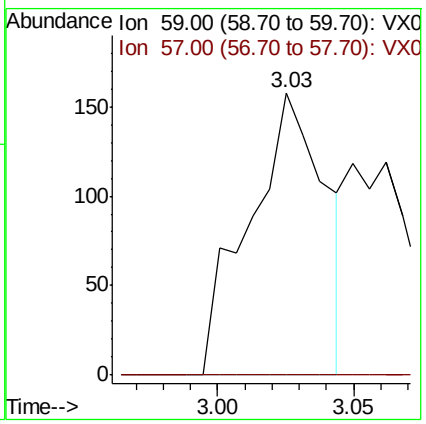


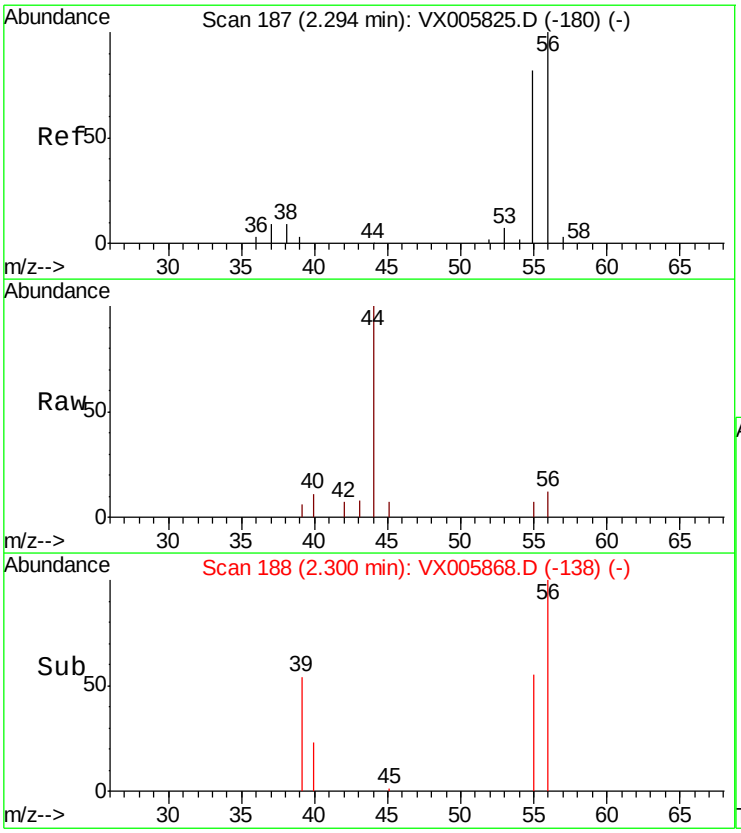
#11
Tert butyl alcohol
Concen: 0.860 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 59 Resp: 305

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

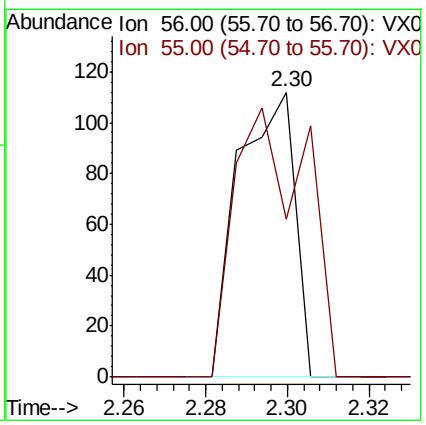


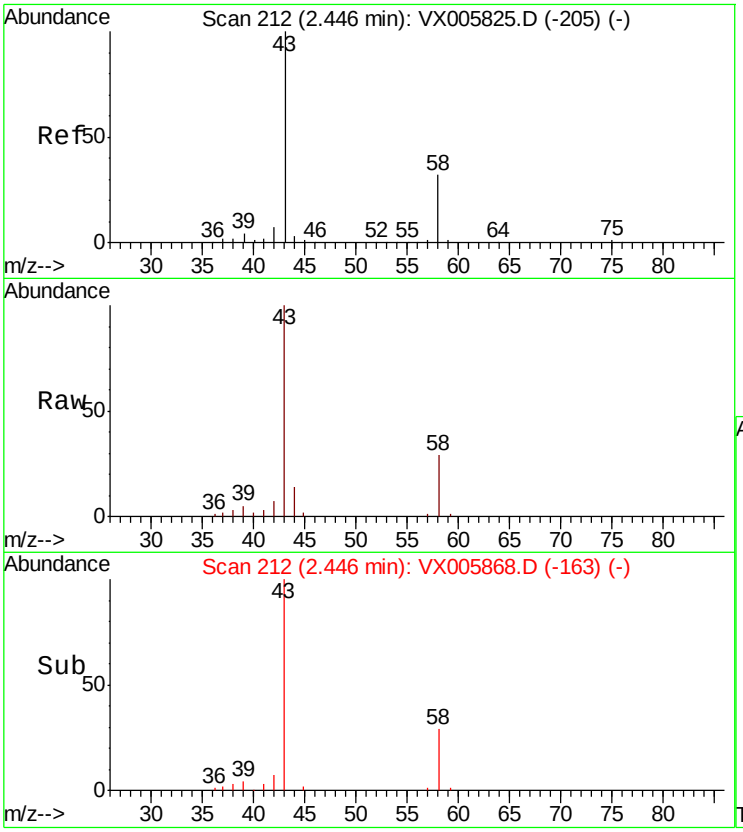


#13
Acrolein
Concen: 19.753 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 56 Resp: 108

Ion	Ratio	Lower	Upper
56	100		
55	118.5	57.3	85.9#



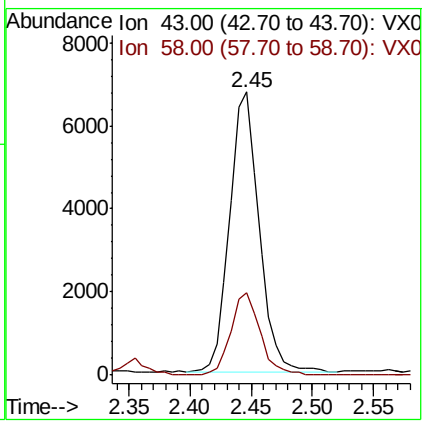


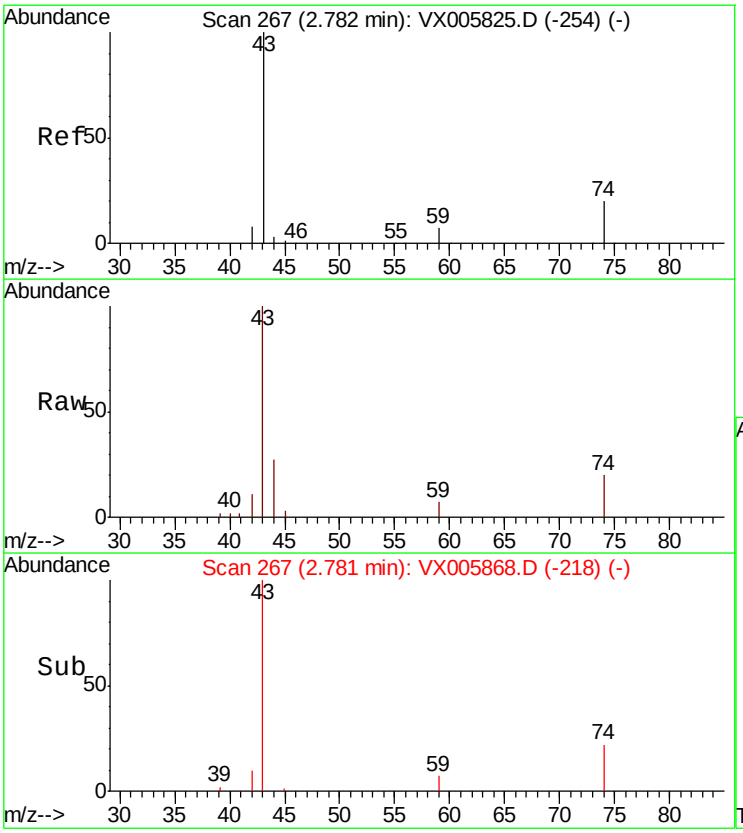
#16
Acetone
Concen: 16.880 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion: 43 Resp: 11254

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.6

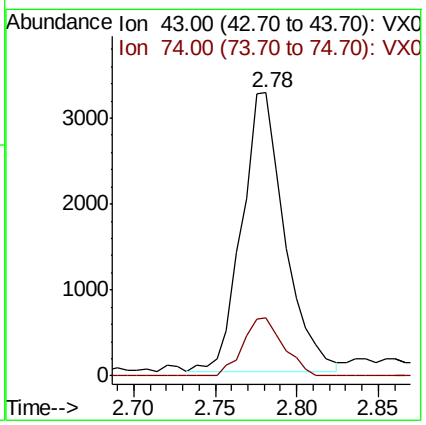


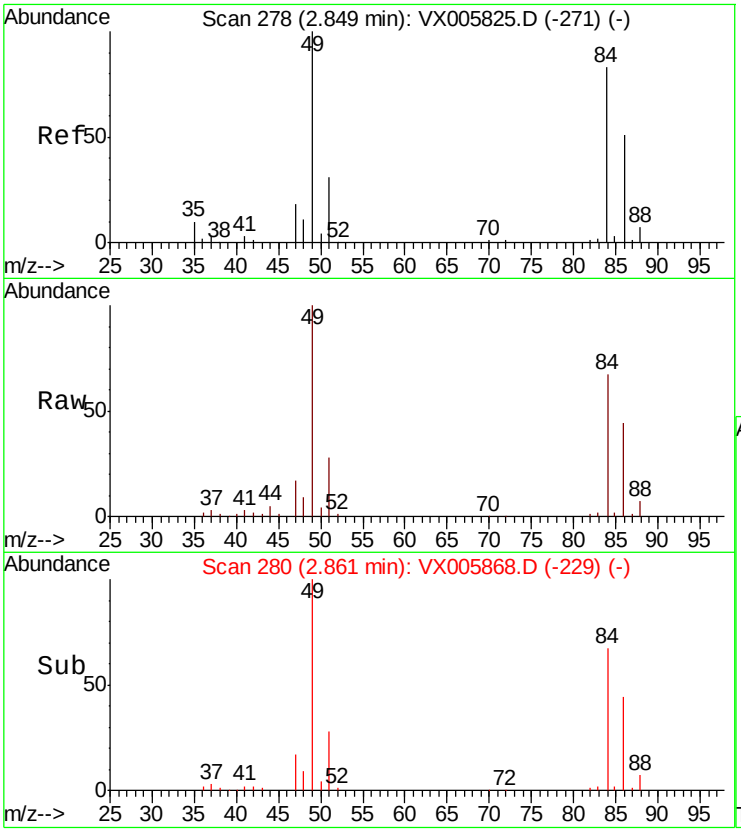


#18
Methyl Acetate
Concen: 1.911 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 5963

Ion	Ratio	Lower	Upper
43	100		
74	19.4	16.8	25.2



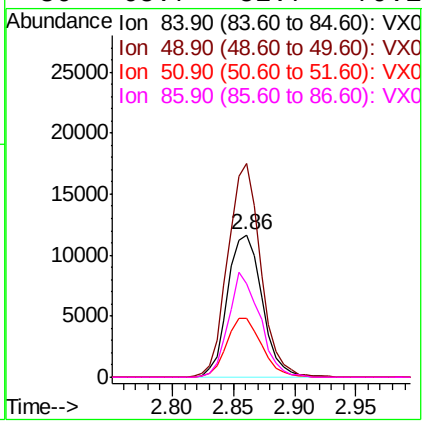


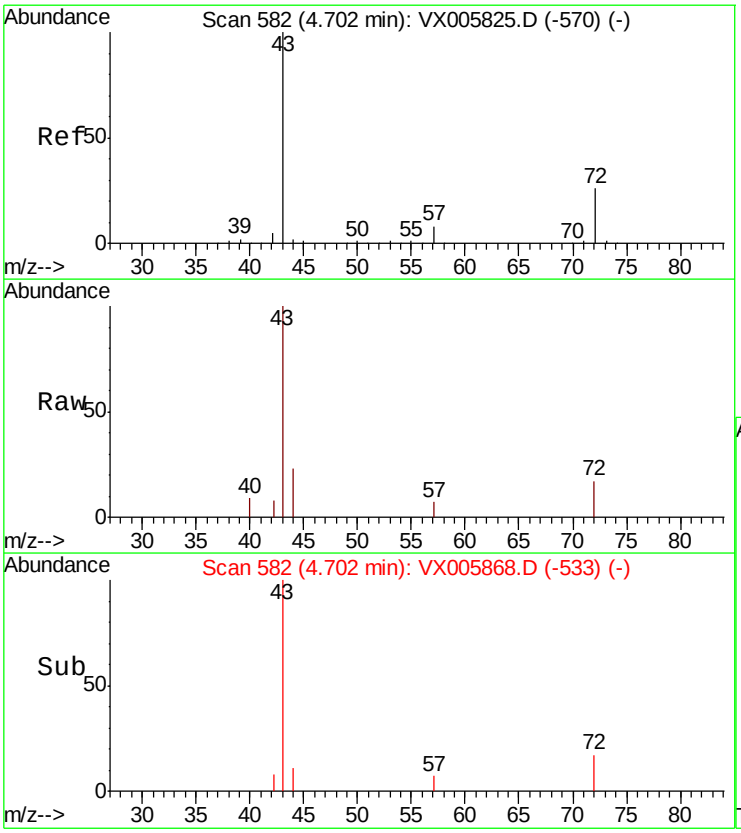
#20
Methylene Chloride
Concen: 20.895 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 84 Resp: 22883

Ion	Ratio	Lower	Upper
84	100		
49	149.8	109.5	164.3
51	41.2	33.3	49.9
86	65.7	52.7	79.1

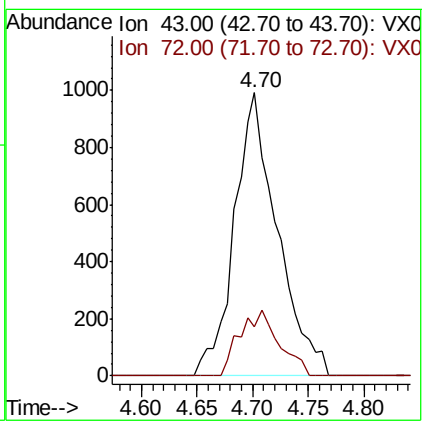


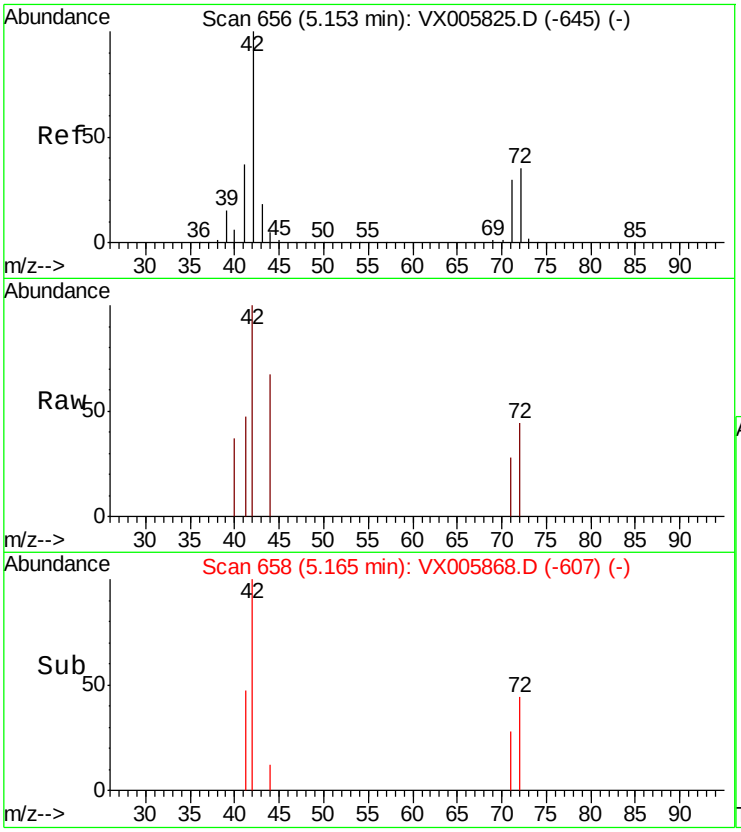


#25
2-Butanone
Concen: 2.539 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 2661

Ion	Ratio	Lower	Upper
43	100		
72	17.4	19.2	28.8#



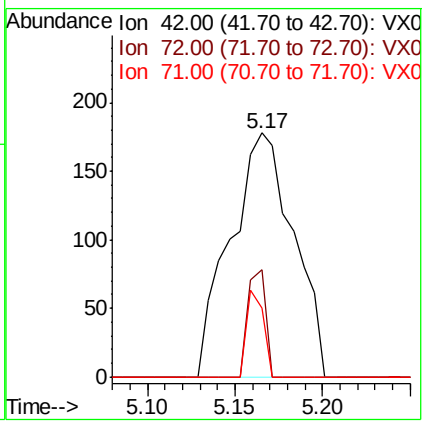


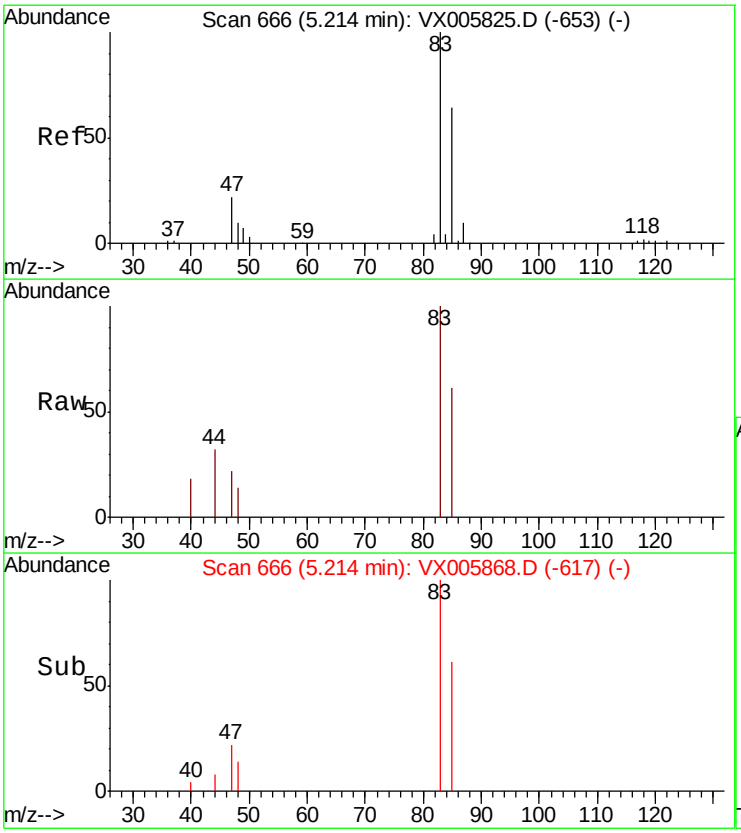
#29
Tetrahydrofuran
Concen: 0.664 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 42 Resp: 447

Ion	Ratio	Lower	Upper
42	100		
72	12.3	32.0	48.0#
71	9.2	29.8	44.8#

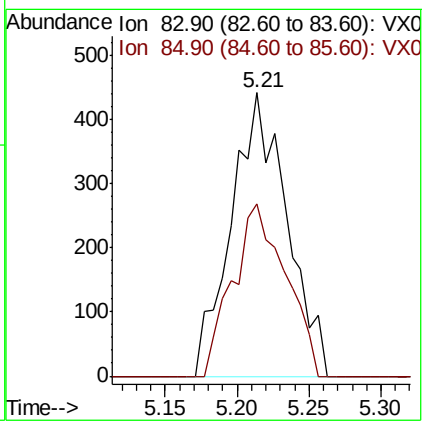


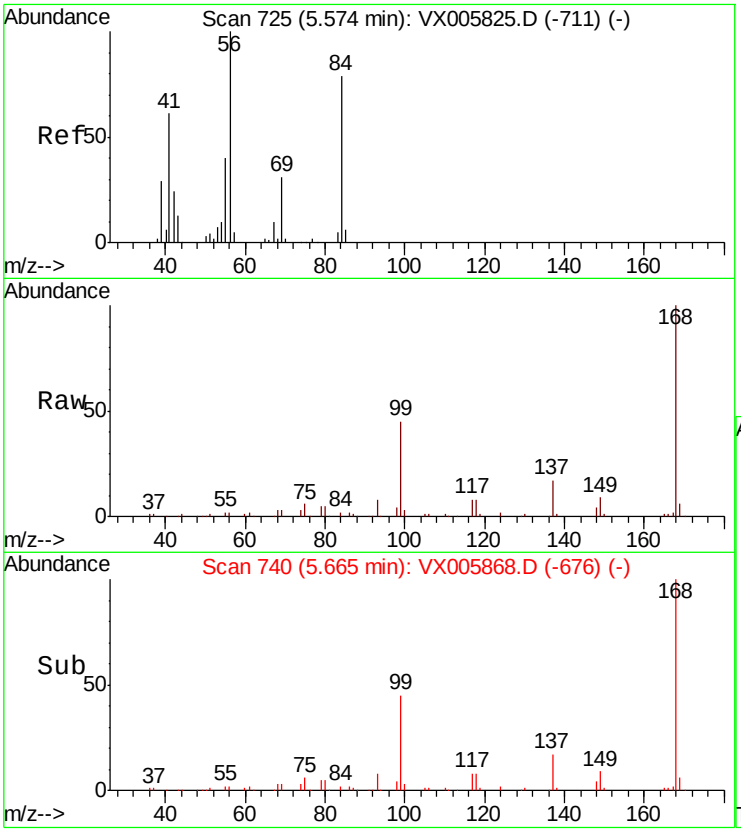


#30
Chloroform
Concen: 0.616 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 83 Resp: 1181

Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.6	76.0



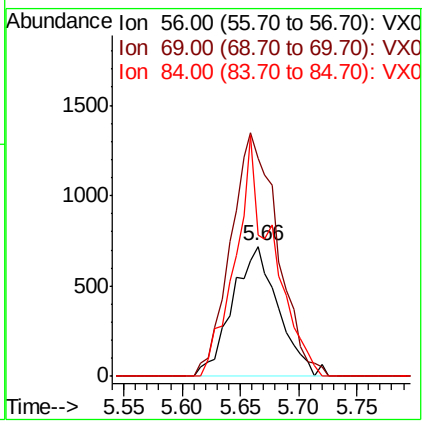


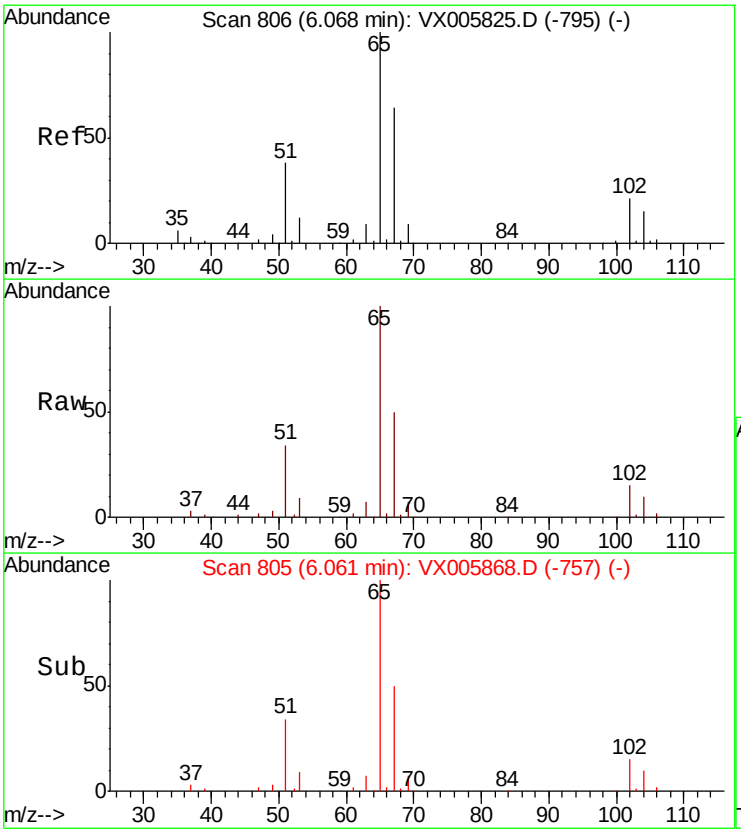
#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 56 Resp: 1976

Ion	Ratio	Lower	Upper
56	100		
69	167.5	22.6	34.0#
84	108.3	62.7	94.1#

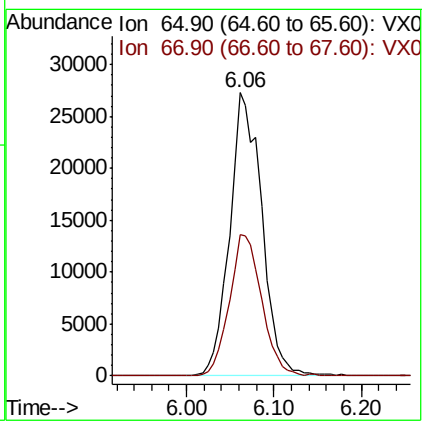


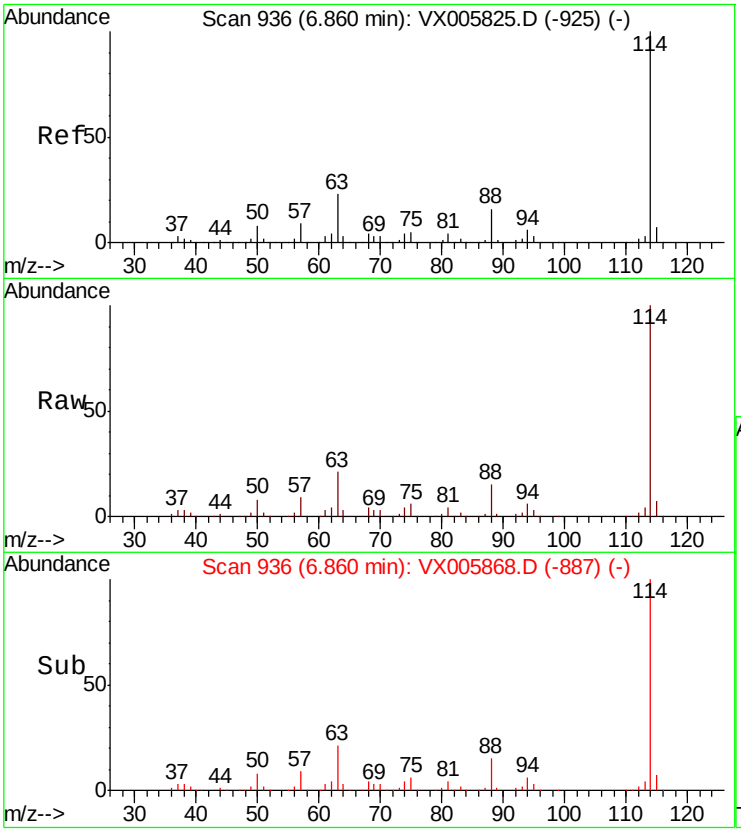


#33
1,2-Dichloroethane-d4
Concen: 56.096 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 65 Resp: 69460

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.0



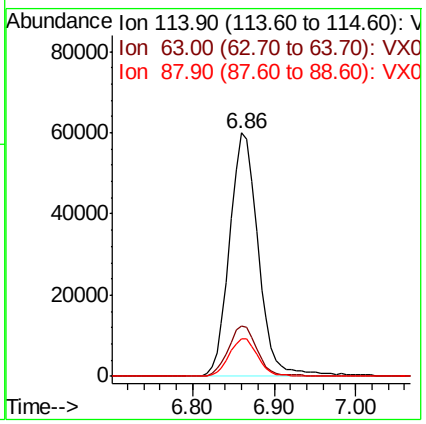


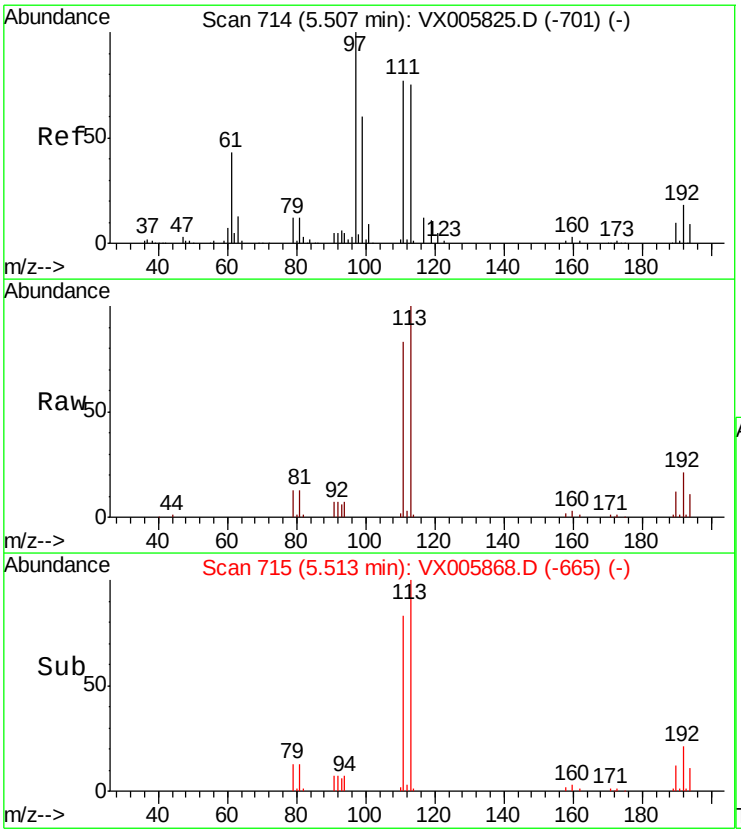
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion:114 Resp: 145548

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	15.4	0.0	31.2

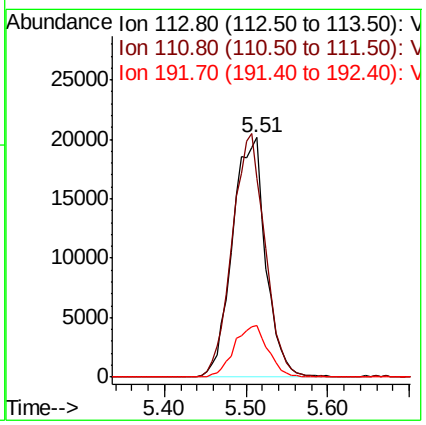


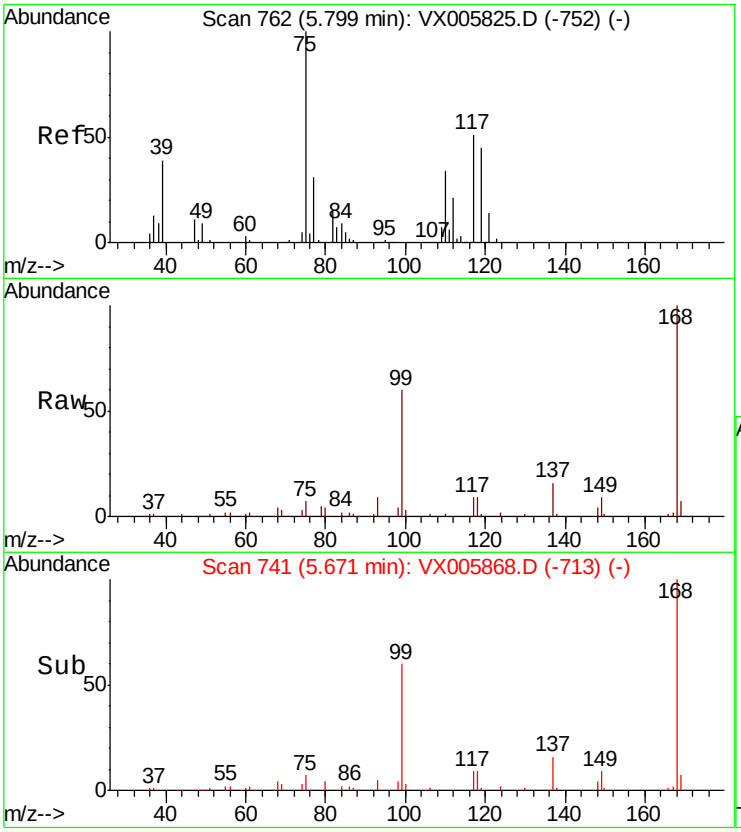


#35
Dibromofluoromethane
Concen: 57.419 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion:113 Resp: 56842

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.3	123.5
192	21.9	17.9	26.9



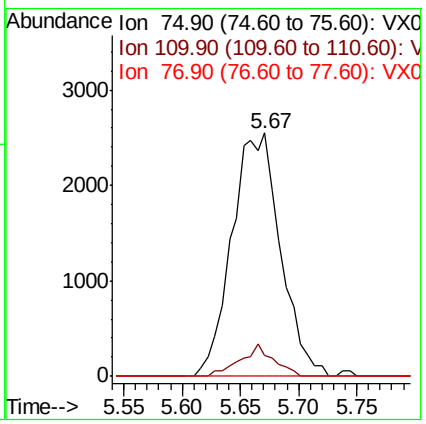


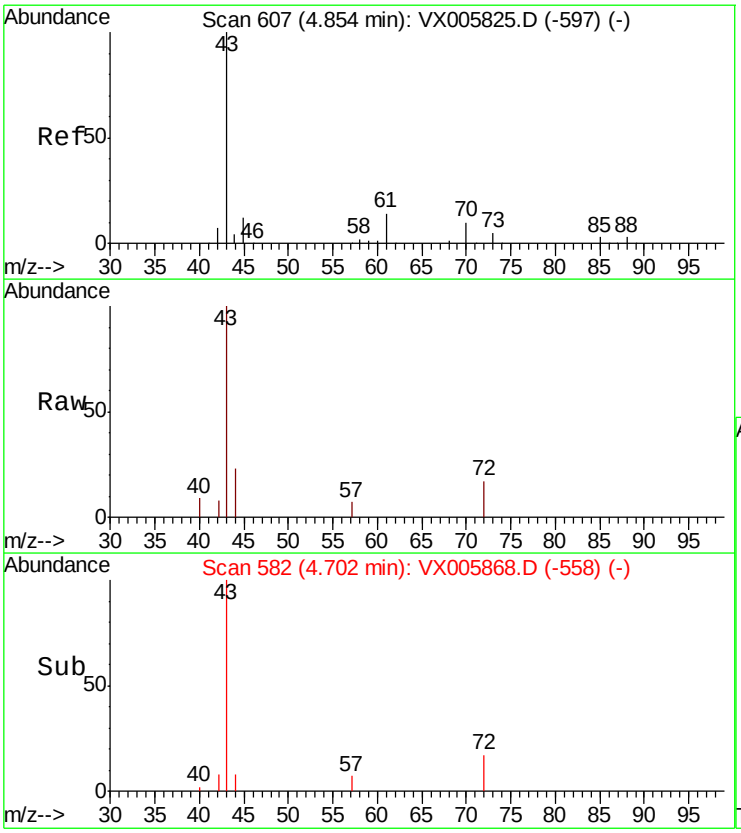
#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.13 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 75 Resp: 7371

Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.4	52.2#
77	0.0	25.8	38.6#

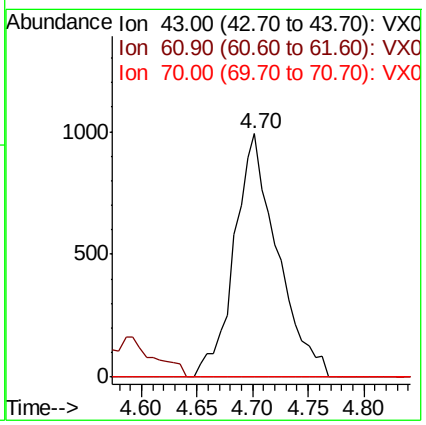


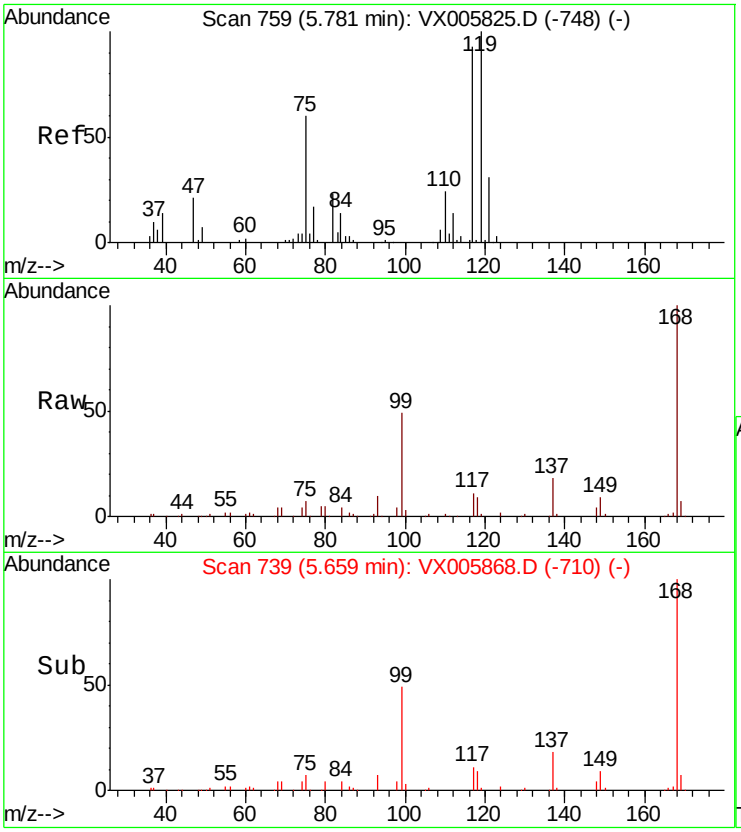


#37
Ethyl Acetate
Concen: 1.442 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 2661

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	0.0	7.8	11.8#



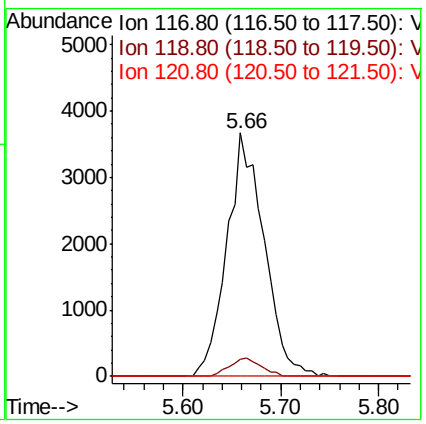


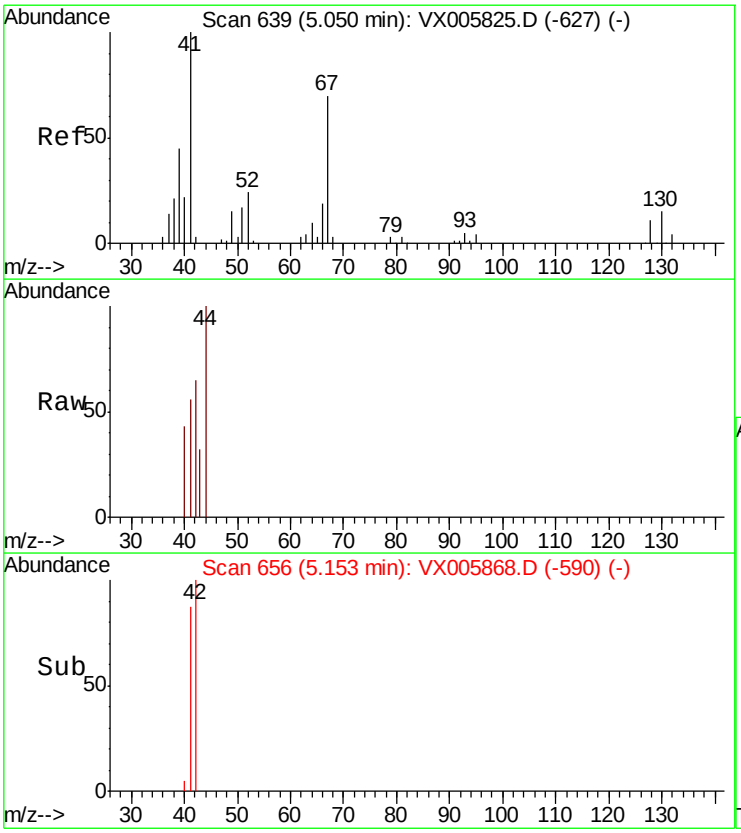
#38
Carbon Tetrachloride
Concen: 6.897 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion:117 Resp: 9688

Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.1	117.1#
121	0.0	24.6	36.8#

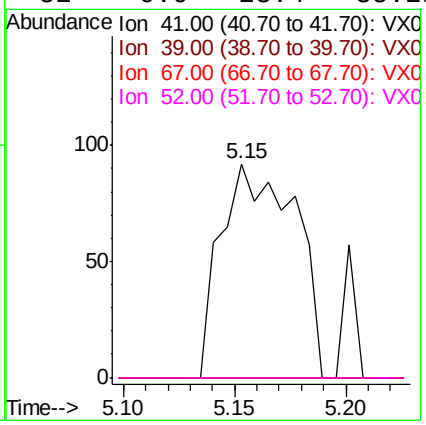


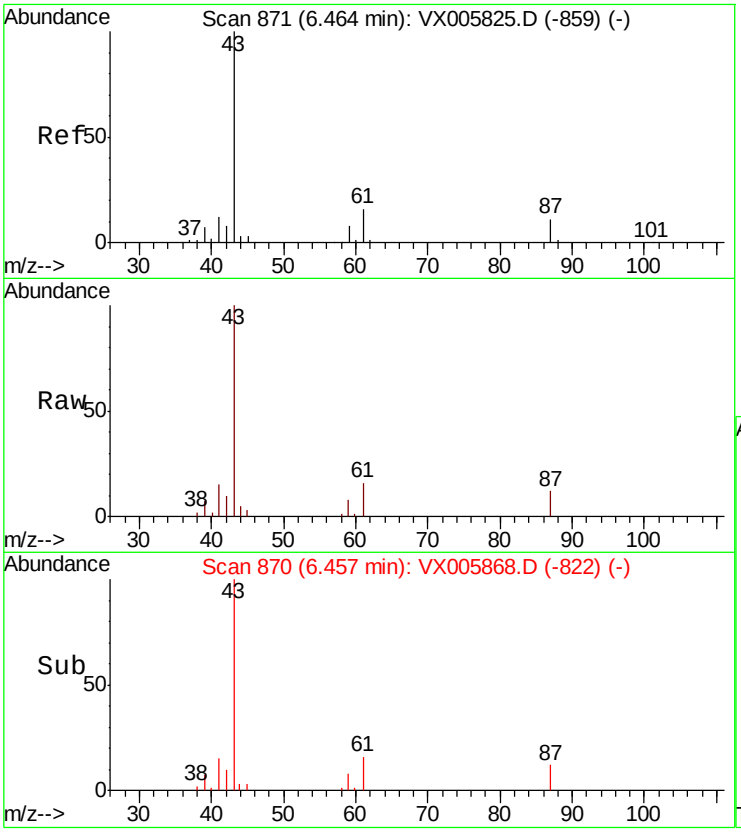


#41
Methacrylonitrile
Concen: 0.214 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.10 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 41 Resp: 213

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



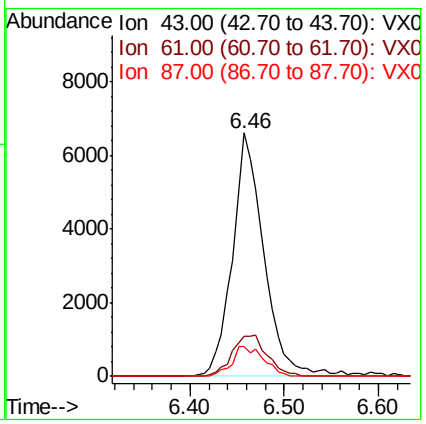


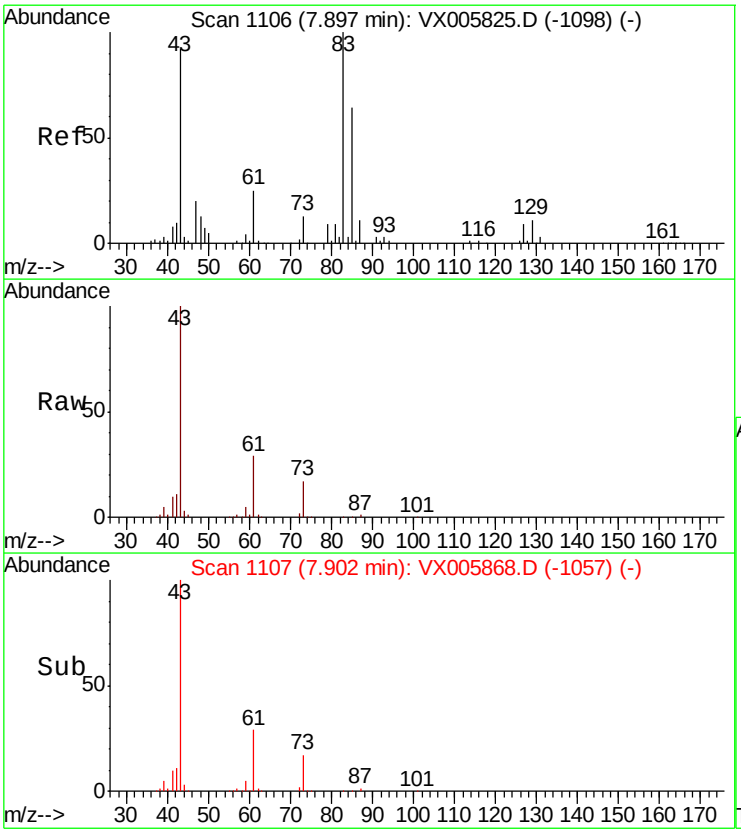
#43
Isopropyl Acetate
Concen: 5.747 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion: 43 Resp: 15364

Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.6	22.0
87	12.4	9.6	14.4

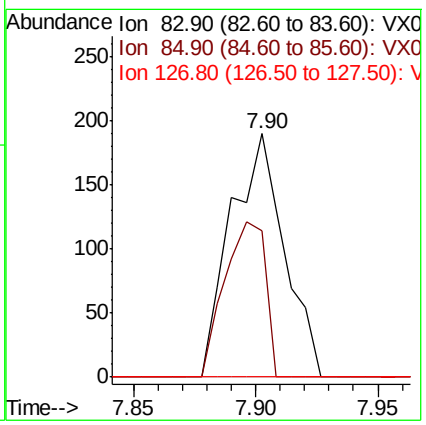


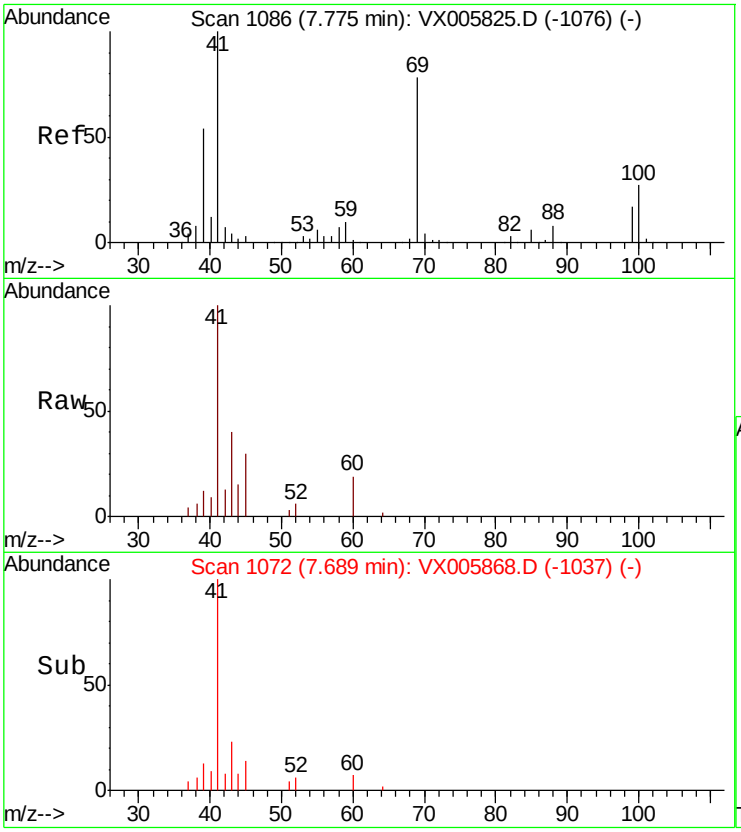


#47
Bromodichloromethane
Concen: 0.245 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 83 Resp: 289

Ion	Ratio	Lower	Upper
83	100		
85	60.0	50.2	75.4
127	0.0	6.9	10.3#



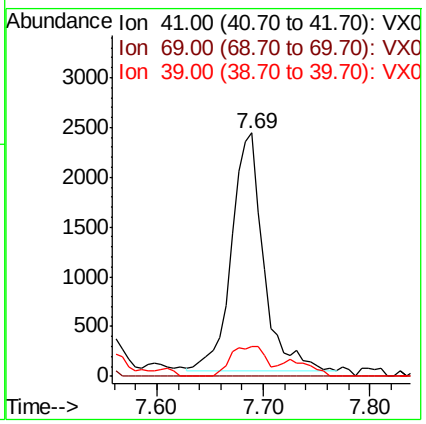


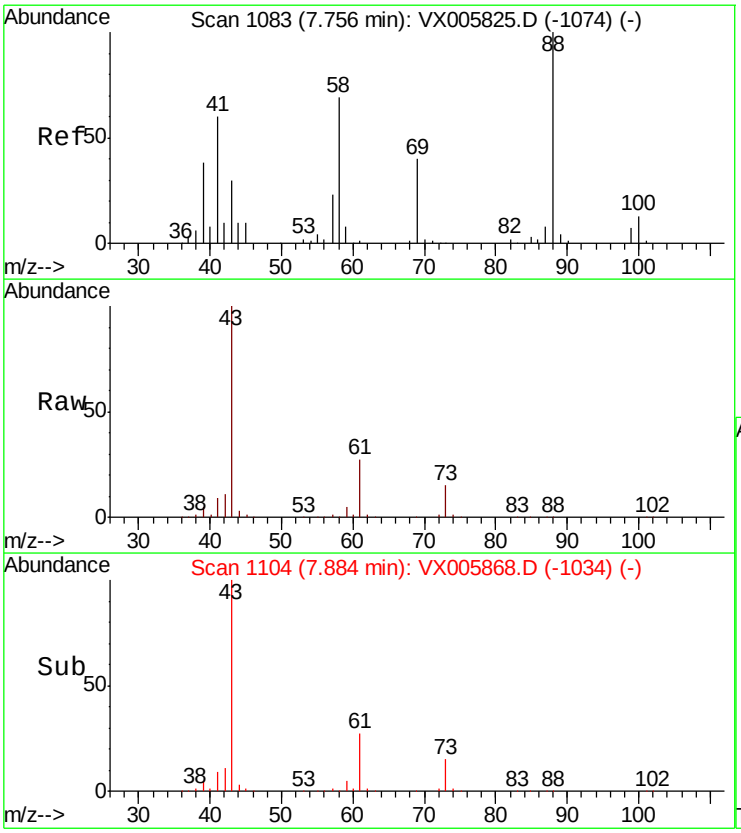
#48
Methyl methacrylate
Concen: 4.143 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 41 Resp: 4974

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	14.5	42.2	63.2#

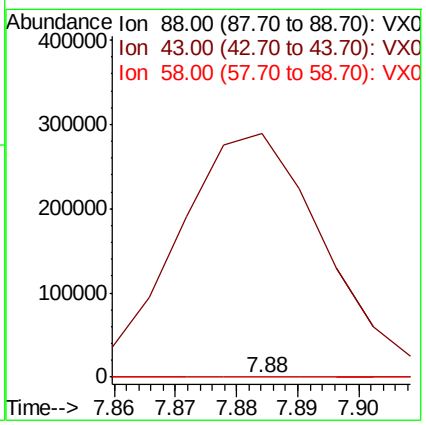


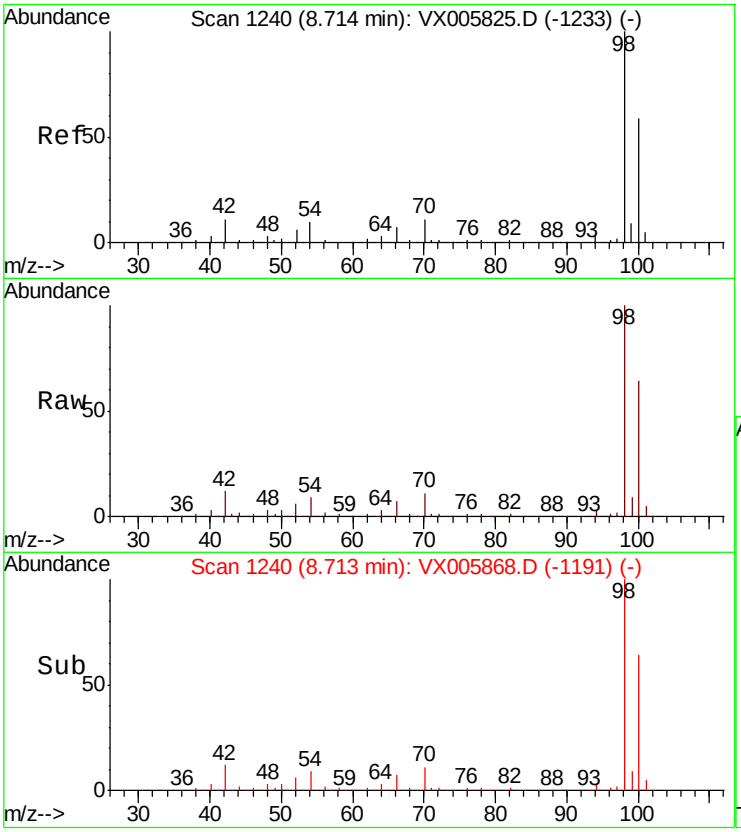


#49
1,4-Dioxane
Concen: 0.734 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.13 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	2651368.4	27.4	41.0#
58	12068.4	59.4	89.2#



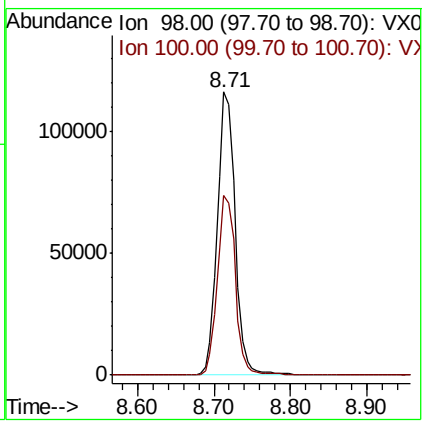


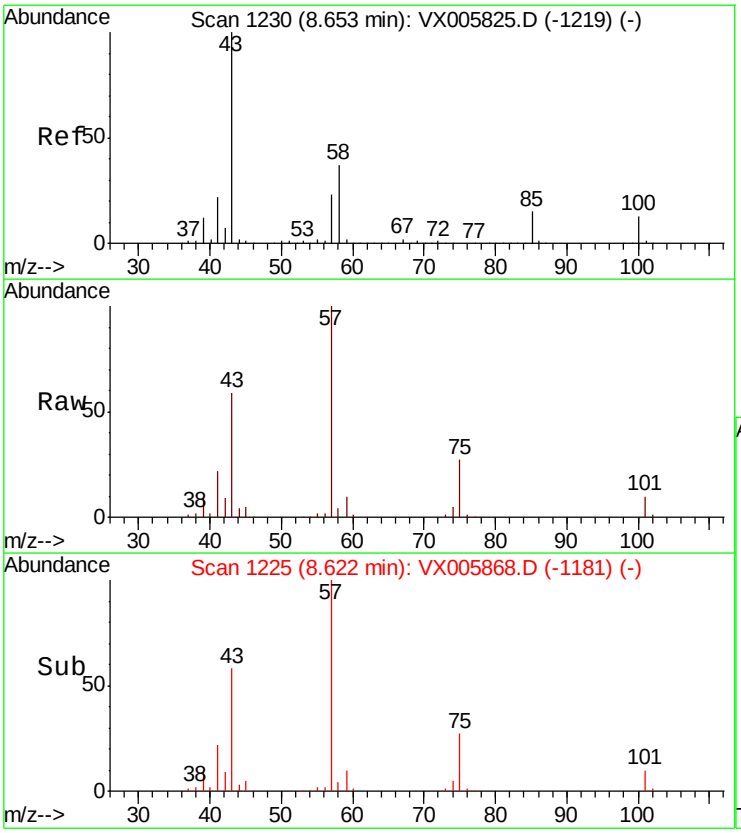
#50
Toluene-d8
Concen: 57.079 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 98 Resp: 187857

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.3	76.9

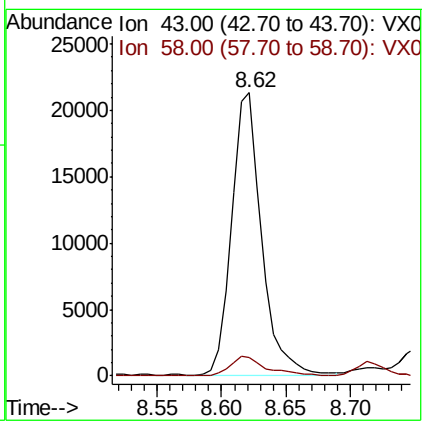


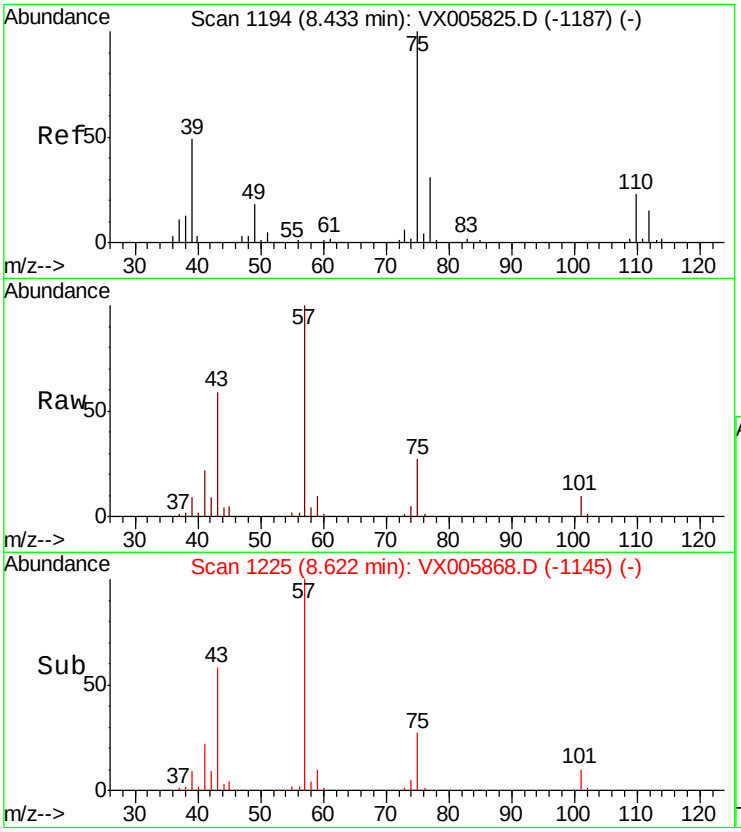


#51
4-Methyl-2-Pentanone
Concen: 20.379 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 34339

Ion	Ratio	Lower	Upper
43	100		
58	8.3	29.7	44.5#



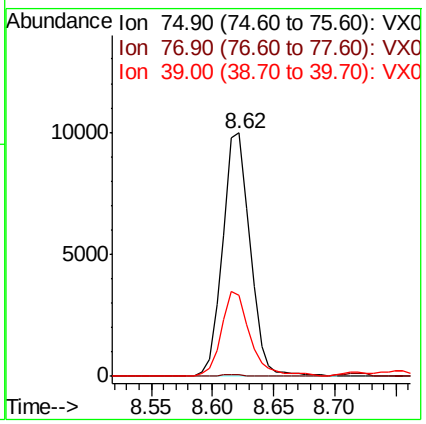


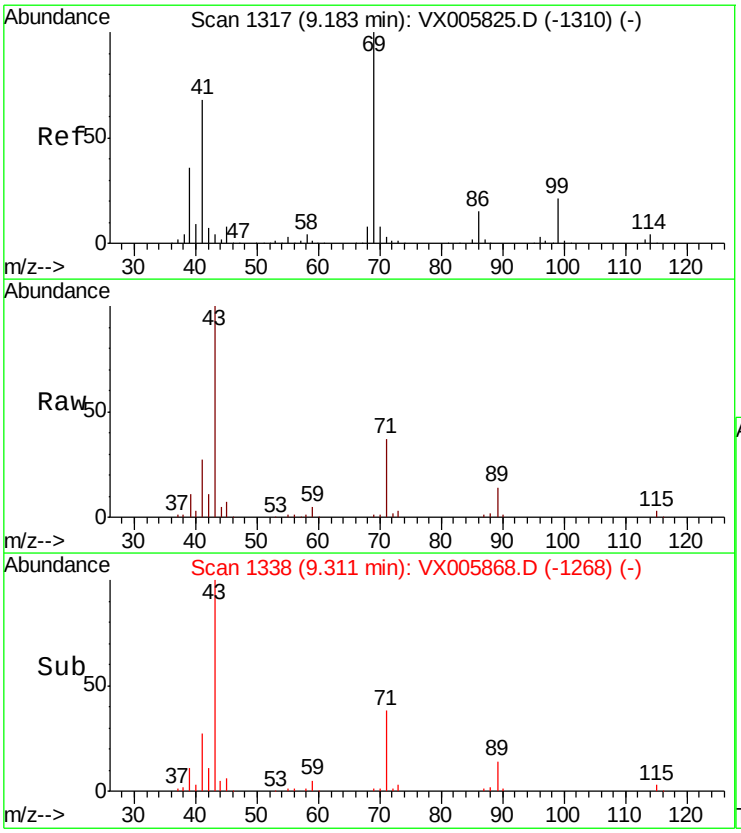
#54
cis-1,3-Dichloropropene
Concen: 10.932 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.19 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion: 75 Resp: 15481

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	33.0	38.2	57.2#

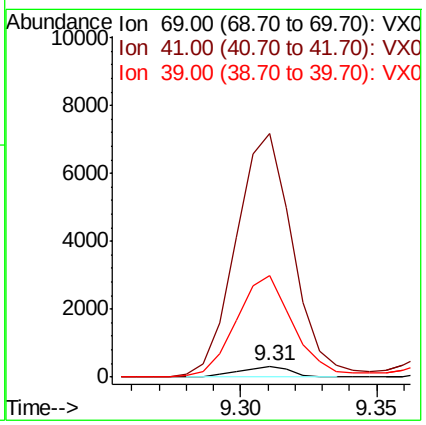


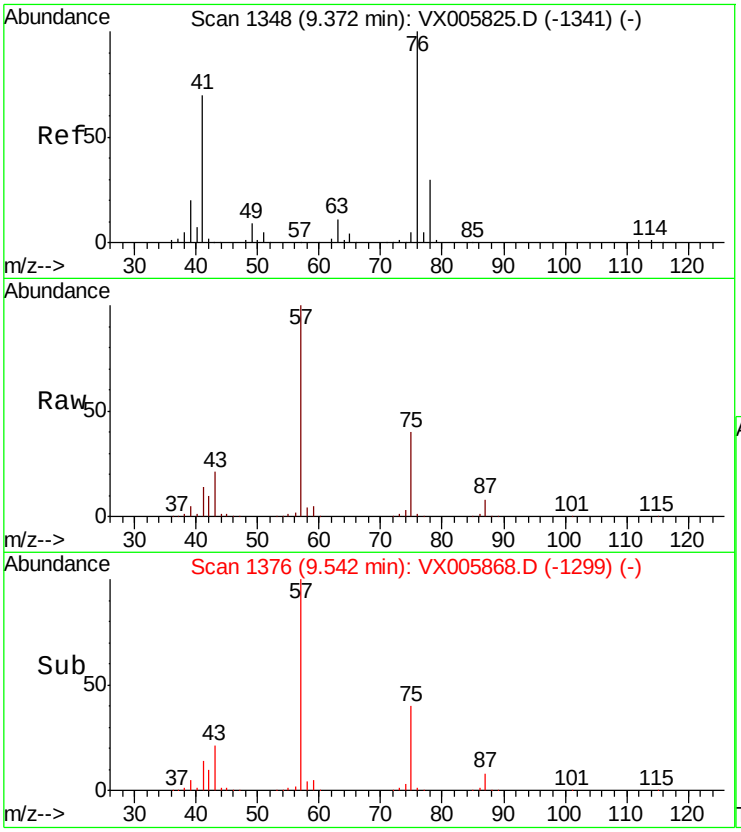


#56
Ethyl methacrylate
Concen: 0.272 ug/l
RT: 9.31 min Scan# 1338
Delta R.T. 0.13 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 69 Resp: 414

Ion	Ratio	Lower	Upper
69	100		
41	2533.3	57.0	85.6#
39	1082.1	28.3	42.5#



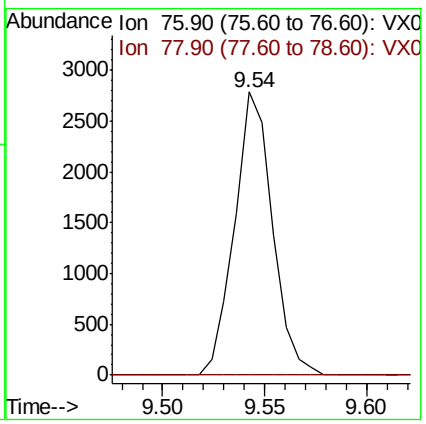


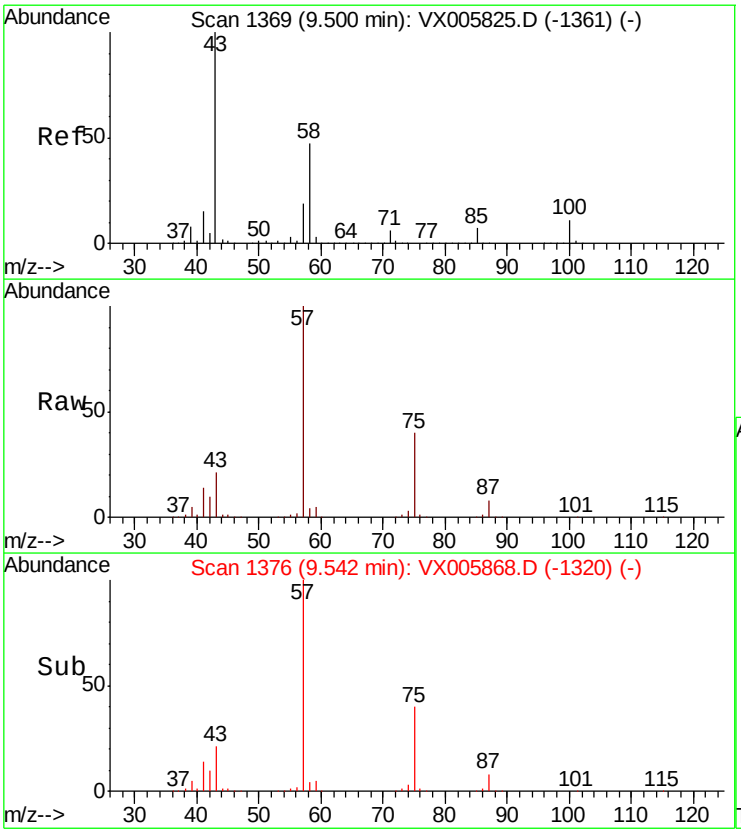
#57
1,3-Dichloropropane
Concen: 2.100 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion: 76 Resp: 3595

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.3	37.9#

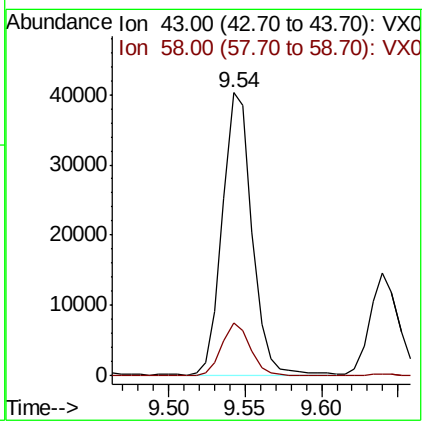


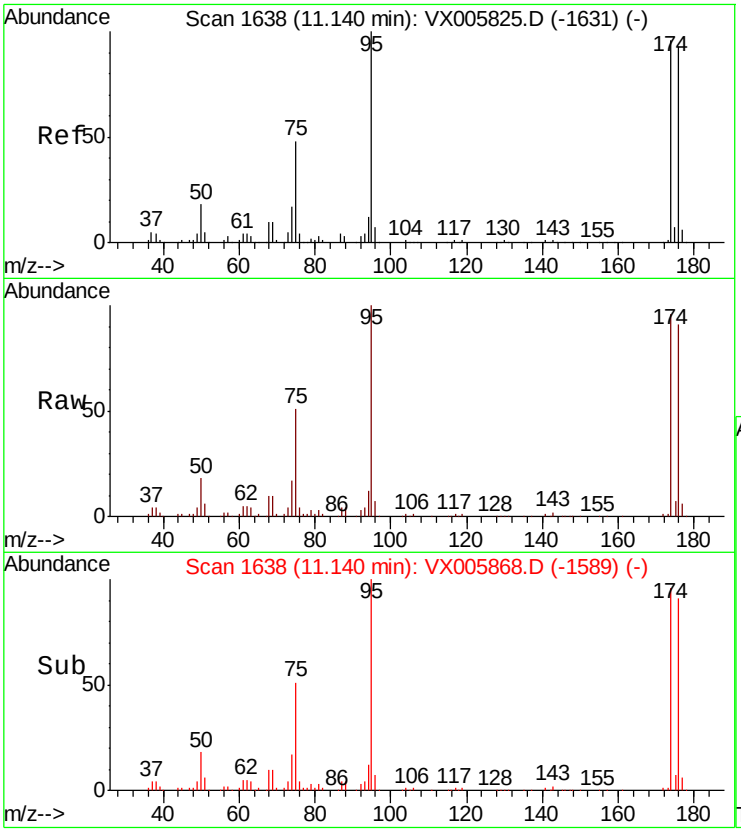


#59
2-Hexanone
Concen: 36.482 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 43 Resp: 54186

Ion	Ratio	Lower	Upper
43	100		
58	18.4	25.9	77.8#



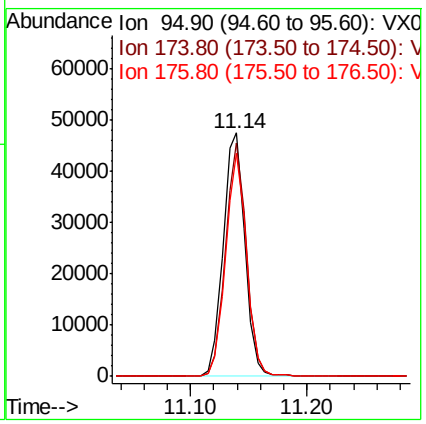


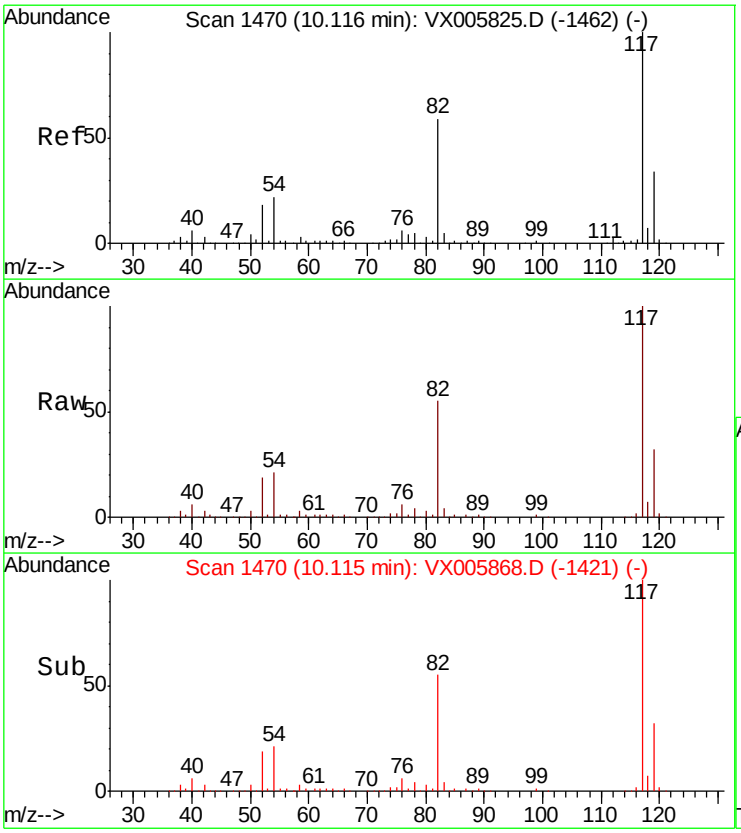
#62
4-Bromofluorobenzene
Concen: 51.955 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion: 95 Resp: 61478

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	184.4
176	88.8	0.0	177.4

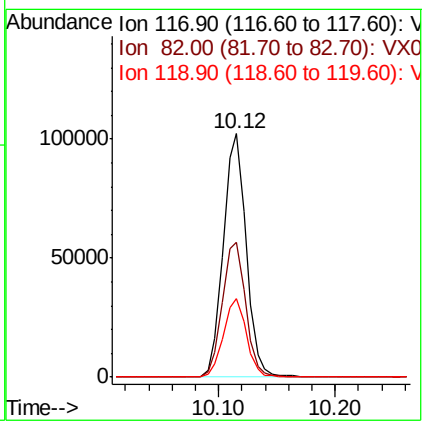


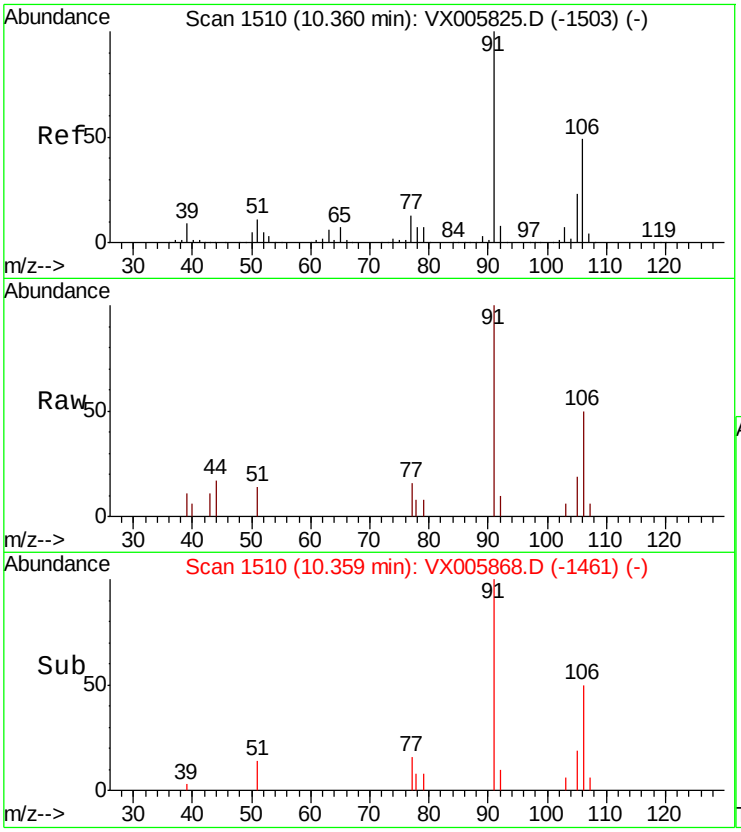


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion:117 Resp: 139739

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.1	66.1
119	32.0	26.2	39.2



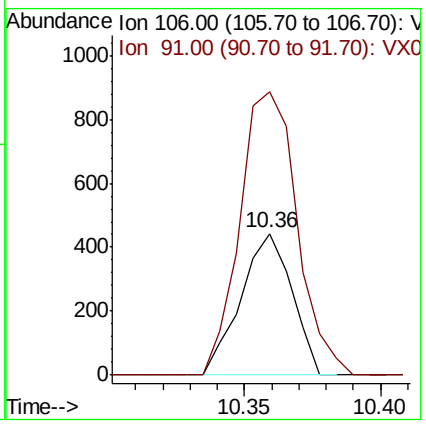


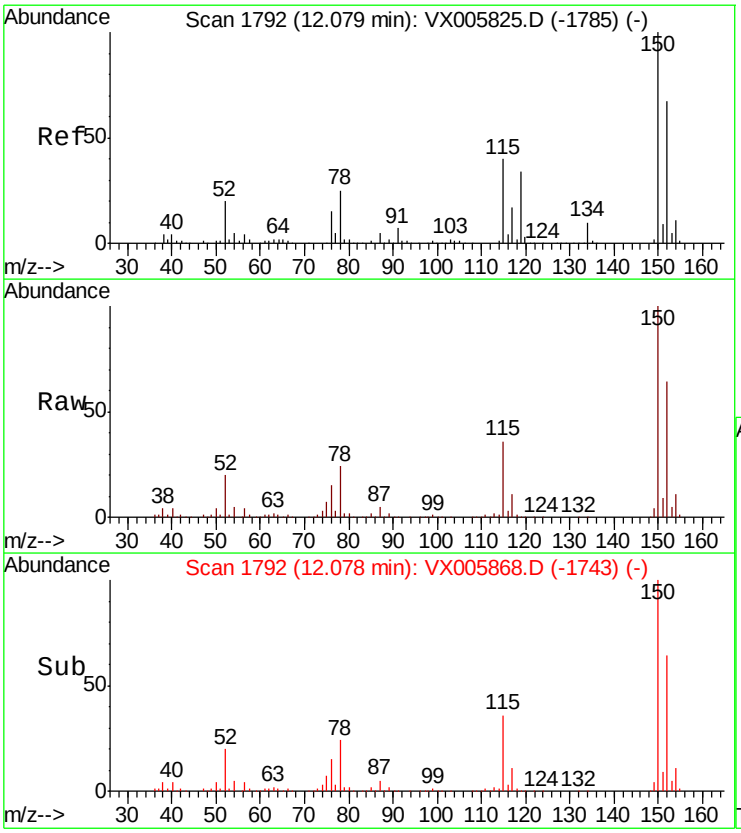
#68
m/p-Xylenes
Concen: 0.336 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion:106 Resp: 575

Ion	Ratio	Lower	Upper
106	100		
91	224.9	164.2	246.4

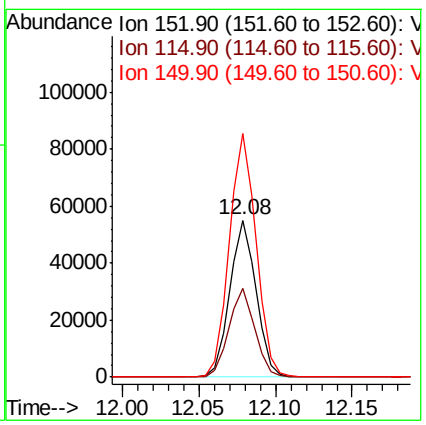


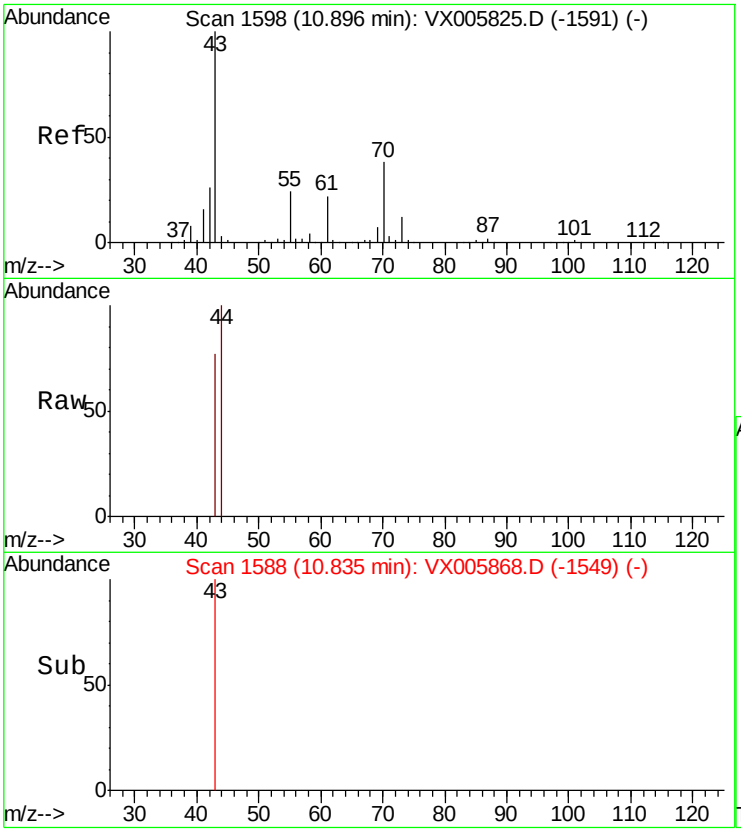


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion:152 Resp: 65382

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	158.2	0.0	346.4



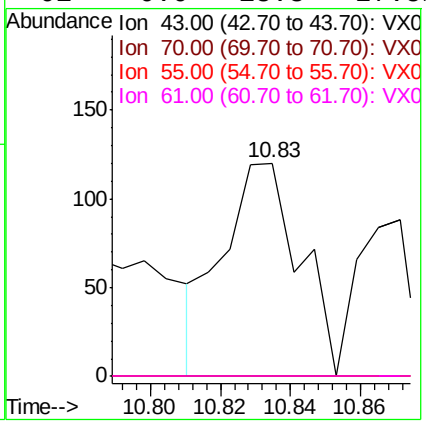


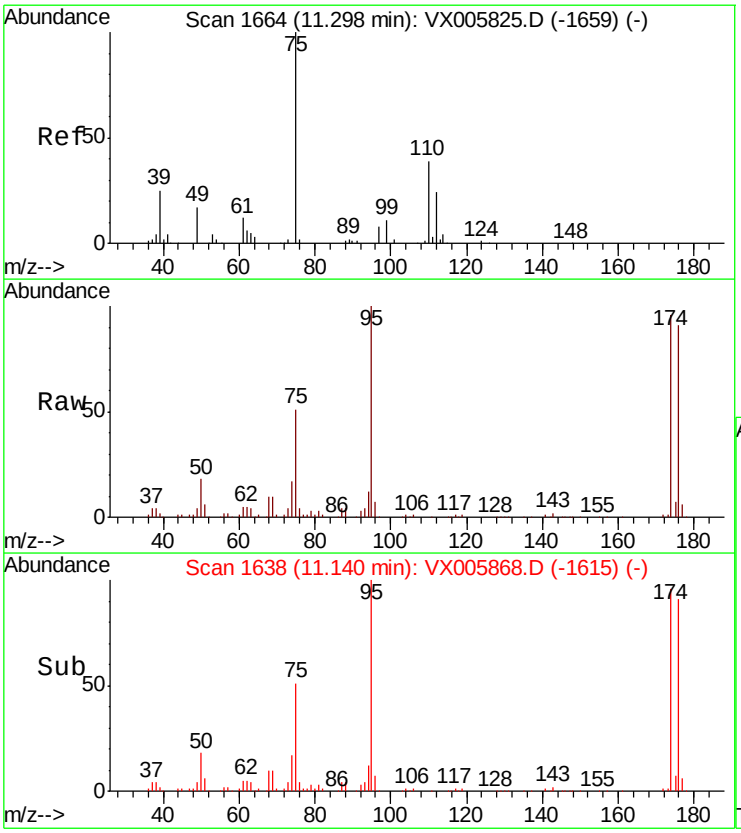
#74
N-amyl acetate
Concen: 1.335 ug/l
RT: 10.83 min Scan# 1588
Delta R.T. -0.06 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument : MSVOA_X
ClientSampleId : TP-8A-S

Tgt Ion: 43 Resp: 183

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#

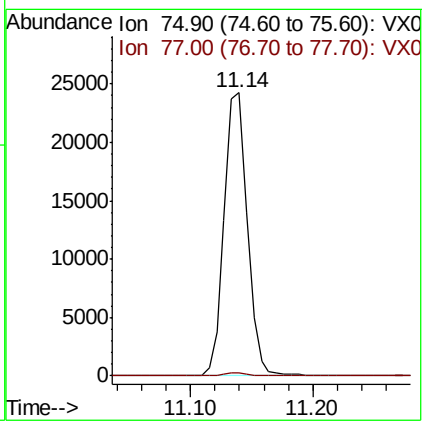


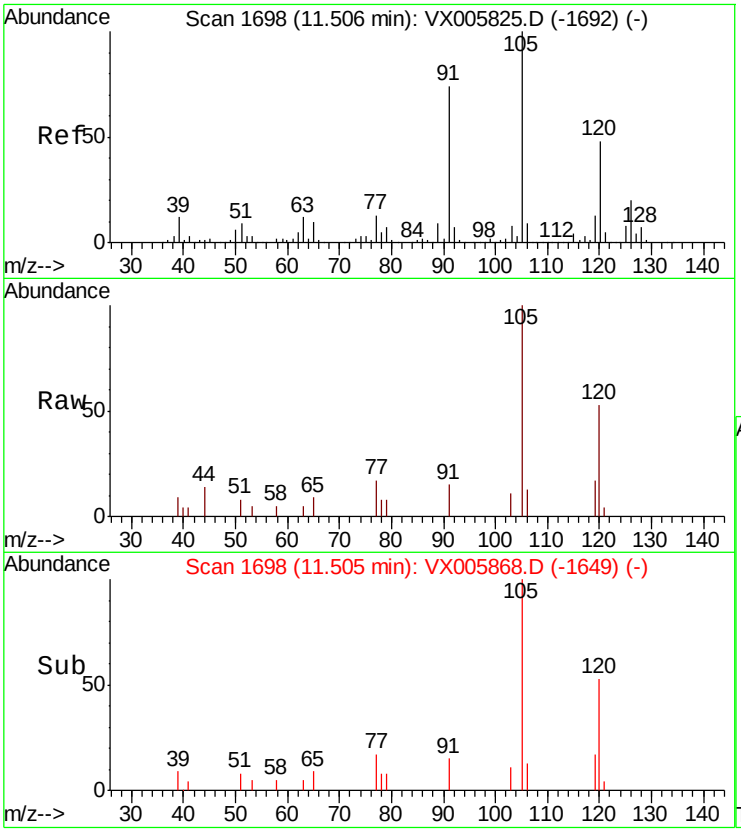


#76
1,2,3-Trichloropropane
Concen: 23.941 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 75 Resp: 31873

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#



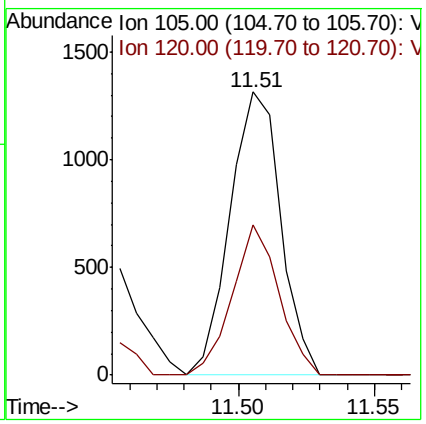


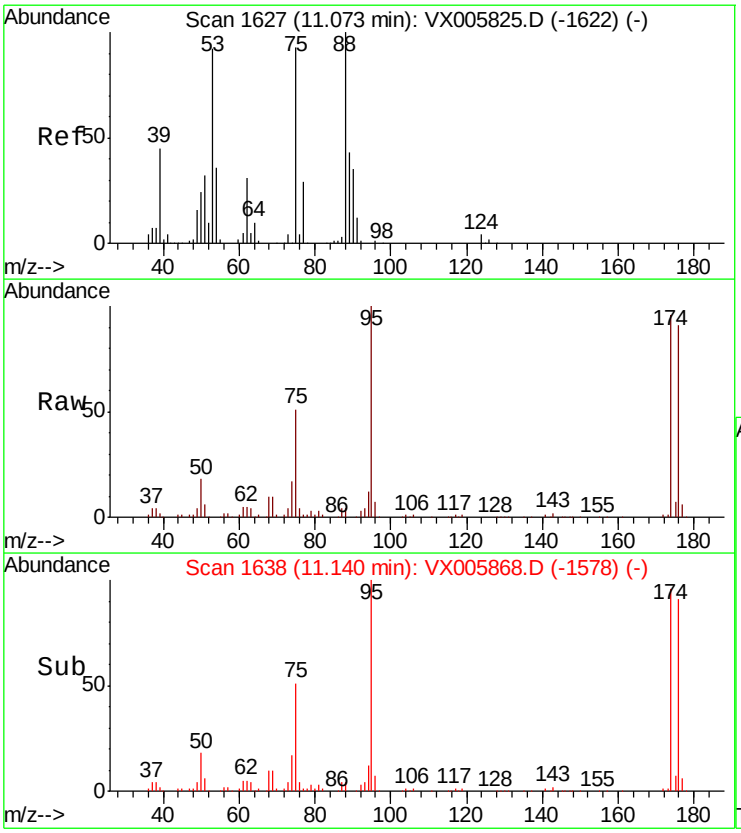
#80
1,3,5-Trimethylbenzene
Concen: 0.529 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion:105 Resp: 1699

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.2

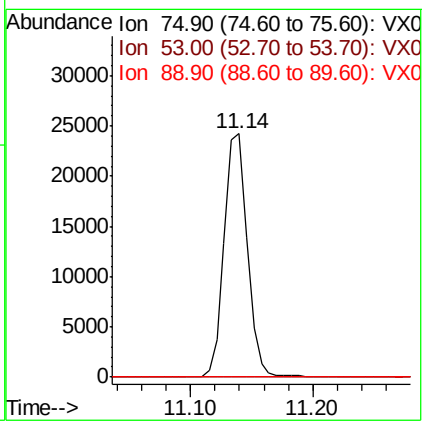


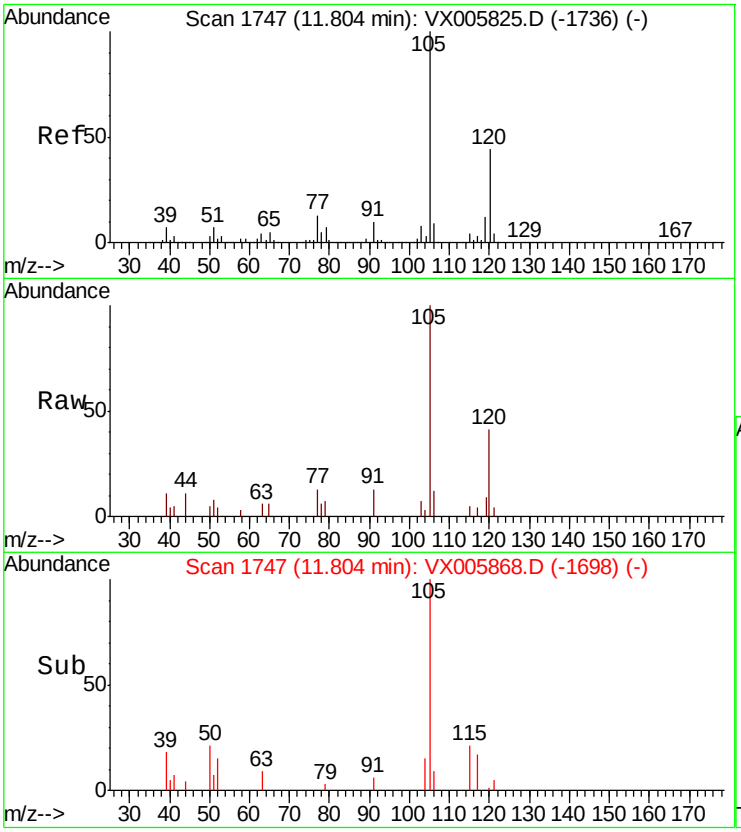


#81
trans-1,4-Dichloro-2-butene
Concen: 76.304 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion: 75 Resp: 31873

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



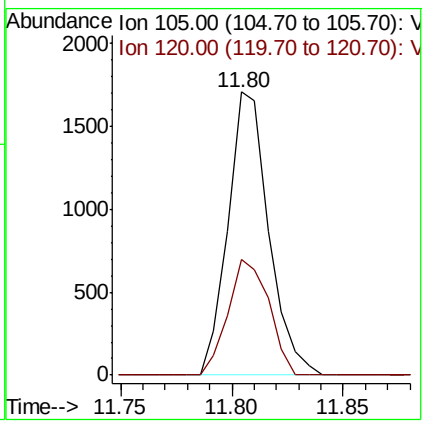


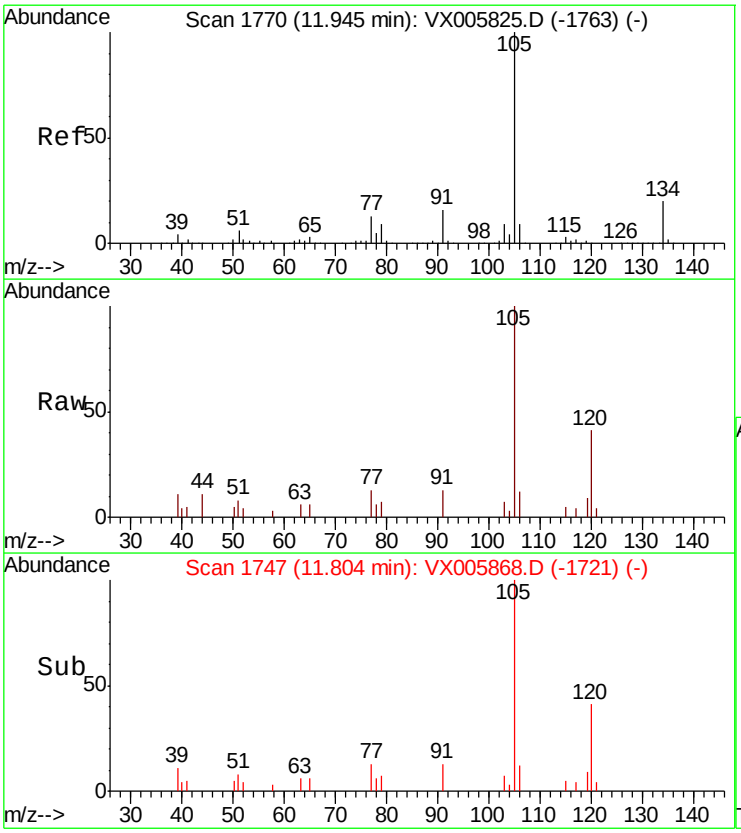
#84
1,2,4-Trimethylbenzene
Concen: 0.494 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion:105 Resp: 2174

Ion	Ratio	Lower	Upper
105	100		
120	40.9	22.4	67.0

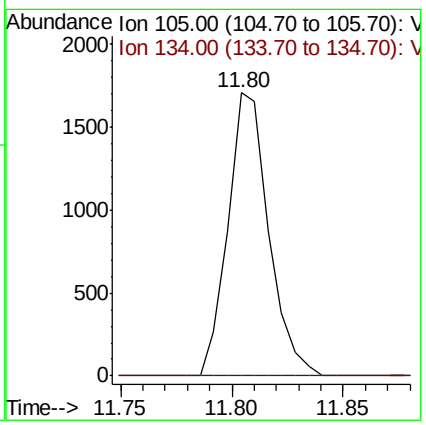


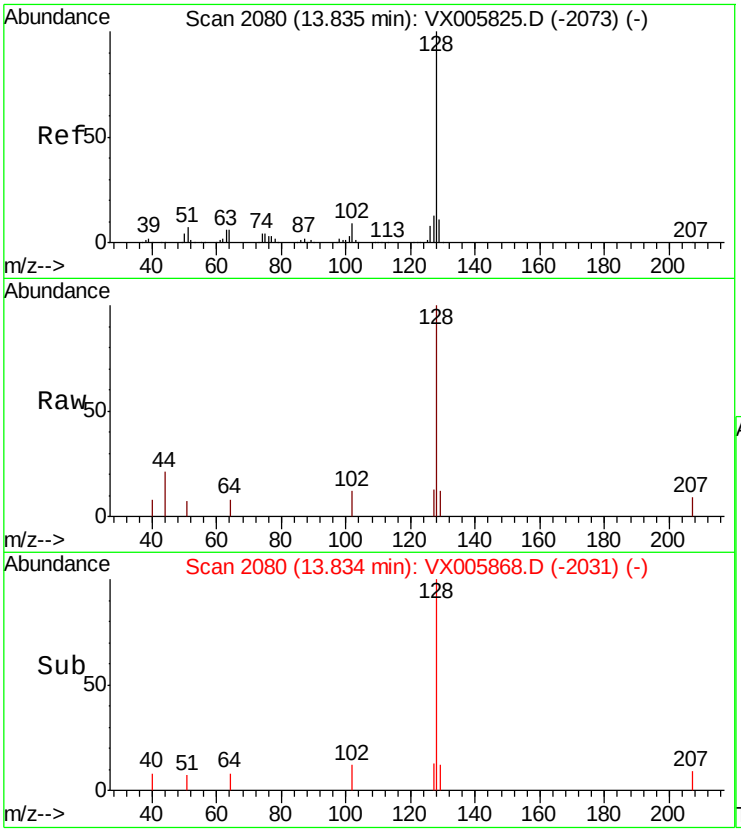


#85
sec-Butylbenzene
Concen: 0.547 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.14 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Tgt Ion:105 Resp: 2174

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#





#95
Naphthalene
Concen: 1.368 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005868.D
Acq: 09 Nov 2018 18:11

Instrument :
MSVOA_X
ClientSampleId :
TP-8A-S

Tgt Ion:128 Resp: 919

Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.4	15.6#
129	6.9	8.7	13.1#