Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062718\
Data File : VX002966.D
Acq On : 28 Jun 2018 05:18
Operator : JC/MD
Sample : J3718-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : W-34

Quant Time: Jun 28 06:52:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	274097	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	385024	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	361741	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211657	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	187130	49.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.78%				
35) Dibromofluoromethane	5.51	113	149912	49.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.34%				
50) Toluene-d8	8.72	98	540055	48.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.00%				
62) 4-Bromofluorobenzene	11.14	95	199263	46.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	78	Below Cal		#	43
5) Bromomethane	1.65	94	1323	Below Cal			91
8) Diethyl Ether	2.19	74	2139	1.13	ug/l		81
10) Methyl Iodide	2.52	142	3220	7.14	ug/l	#	96
11) Tert butyl alcohol	3.07	59	17816	23.61	ug/l		100
13) Acrolein	2.29	56	324	4.99	ug/l	#	14
16) Acetone	2.45	43	9498	6.05	ug/l		93
17) Carbon Disulfide	2.57	76	4058	0.56	ug/l	#	94
19) Methyl tert-butyl Ether	3.21	73	173179	17.82	ug/l		99
22) Diisopropyl ether	3.87	45	14293	1.40	ug/l	#	91
23) Vinyl Acetate	3.88	43	8073	0.94	ug/l	#	75
25) 2-Butanone	4.71	43	2046	0.88	ug/l		100
29) Tetrahydrofuran	5.18	42	1560	1.04	ug/l	#	87
31) Cyclohexane	5.57	56	1590	0.33	ug/l	#	74
36) 1,1-Dichloropropene	5.67	75	18762	4.44	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	25418	5.49	ug/l	#	15
39) Methylcyclohexane	7.47	83	3070	0.62	ug/l	#	88
59) 2-Hexanone	9.31	43	1739	0.48	ug/l		82
65) Chlorobenzene	10.14	112	7376	0.80	ug/l		100
68) m/p-Xylenes	10.36	106	1817	0.31	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.29	83	999	0.23	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	104414	27.23	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	104414	77.07	ug/l	#	7
90) Hexachloroethane	12.71	117	436	0.23	ug/l	#	1

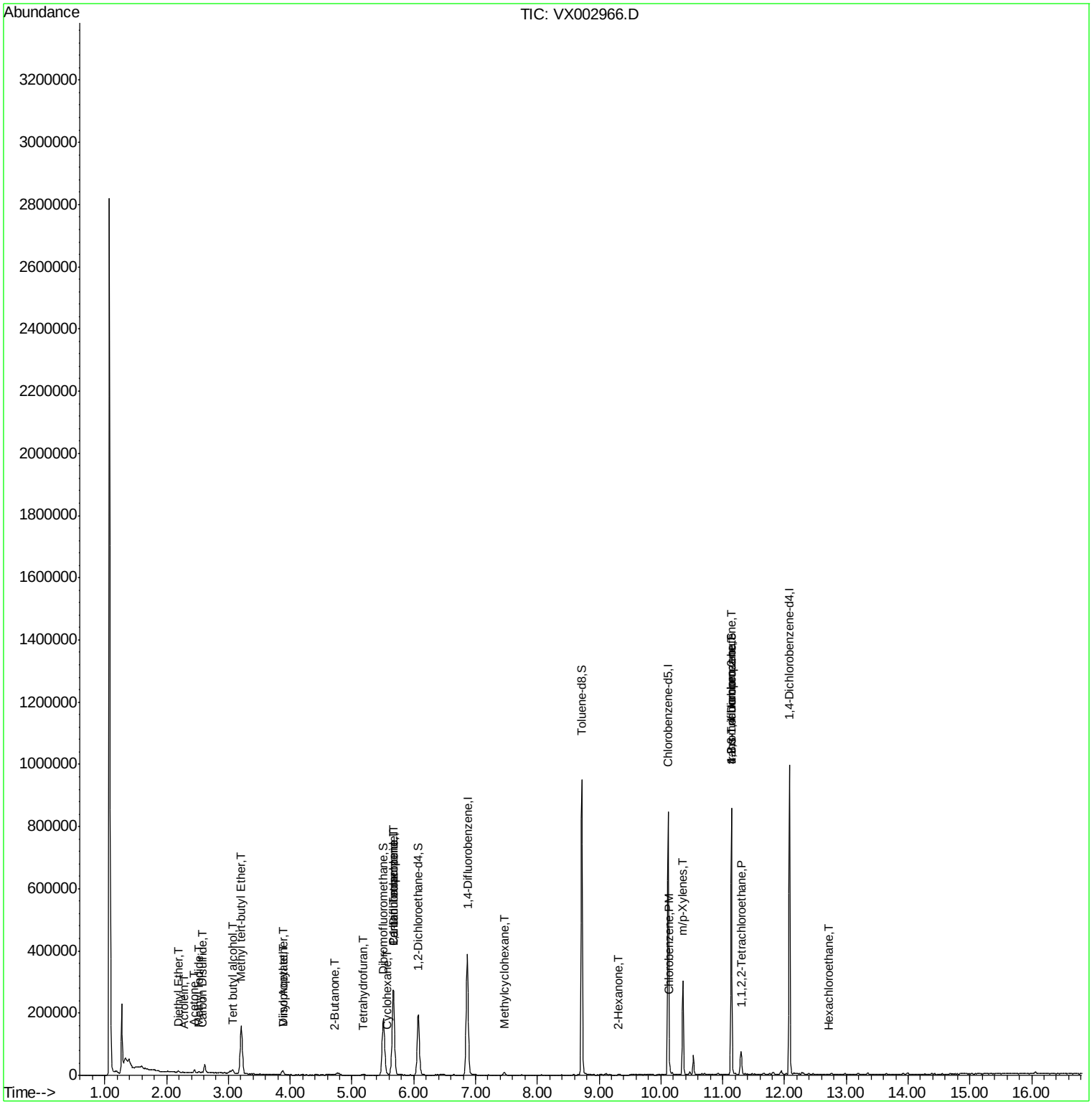
(#) = qualifier out of range (m) = manual integration (+) = signals summed

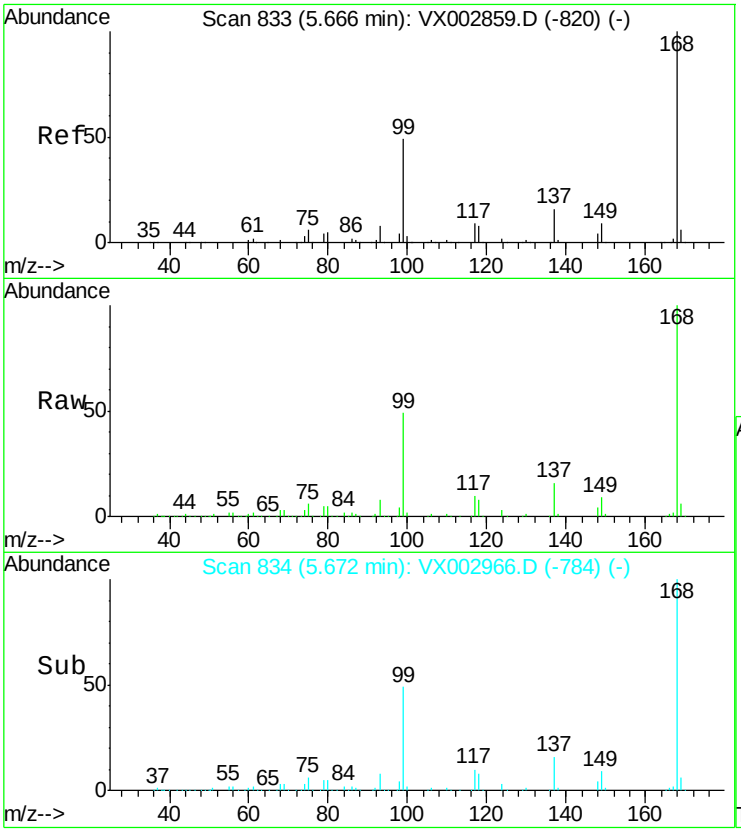
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002966.D
Acq On : 28 Jun 2018 05:18
Operator : JC/MD
Sample : J3718-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-34

Quant Time: Jun 28 06:52:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



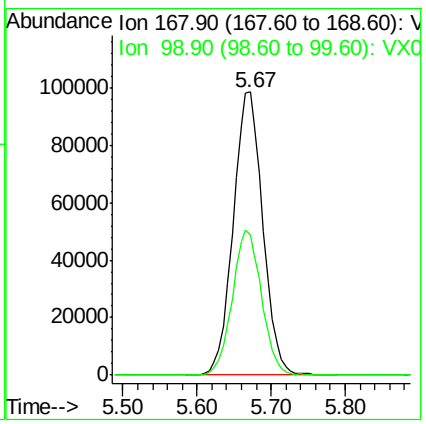


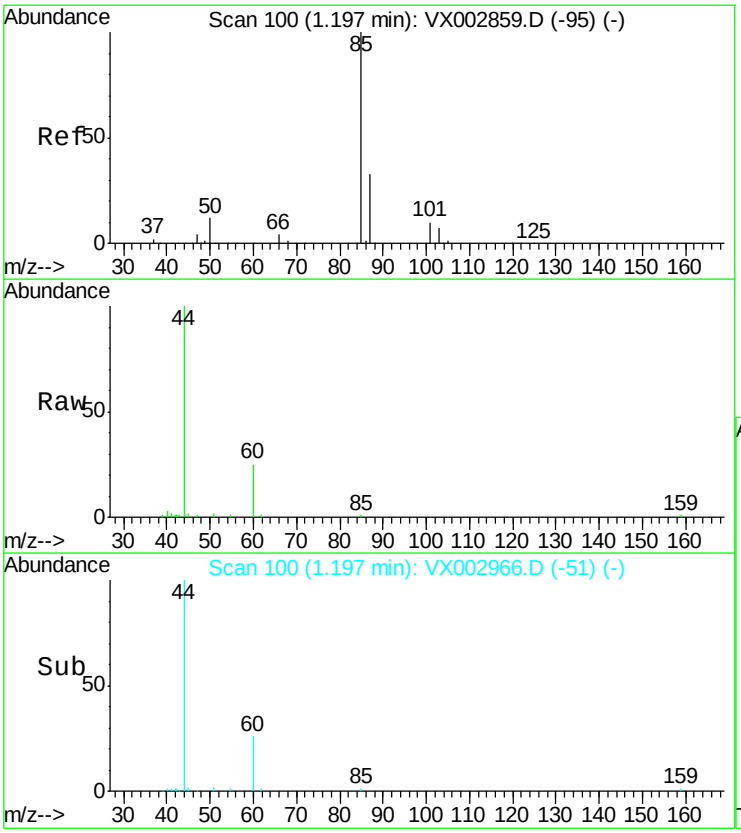
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion:168 Resp: 274097

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.3	58.9

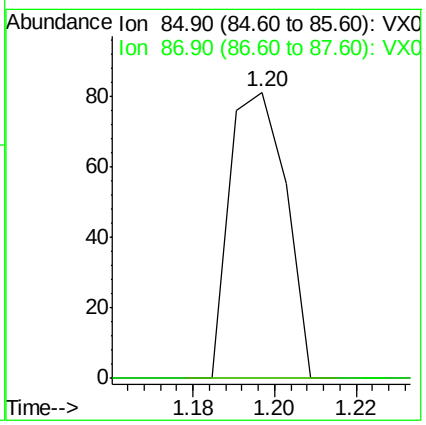


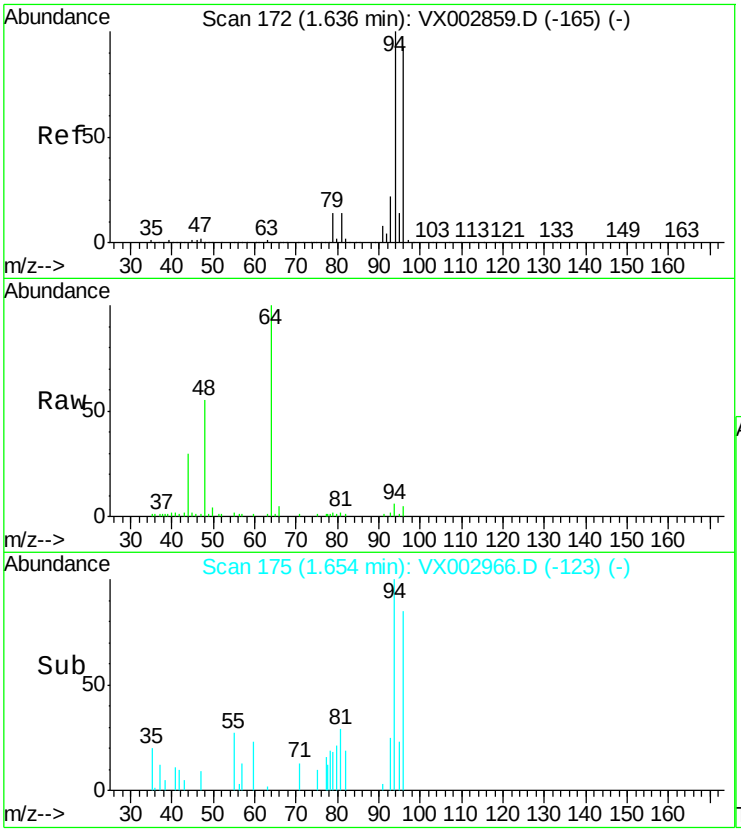


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 85 Resp: 78

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



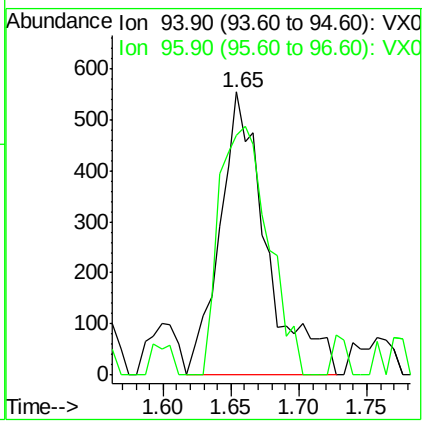


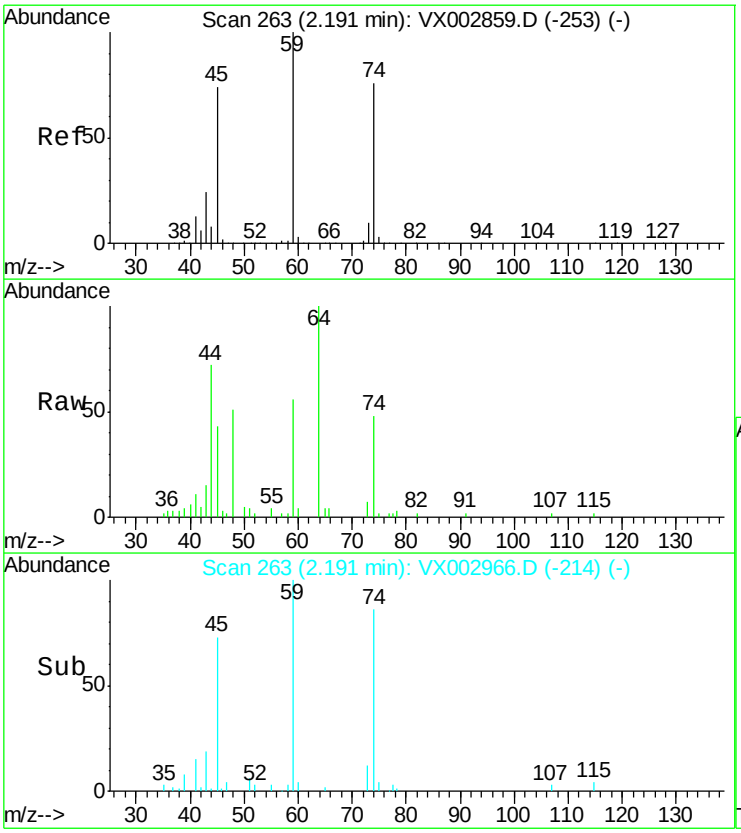
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 94 Resp: 1323

Ion	Ratio	Lower	Upper
94	100		
96	84.8	74.9	112.3

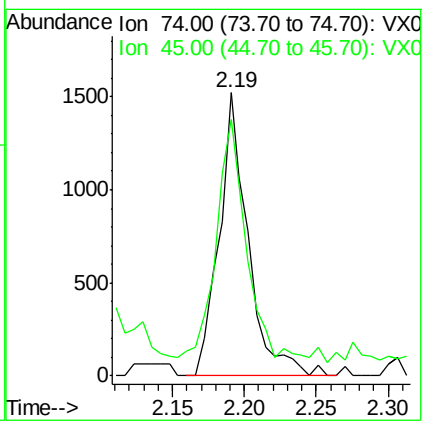


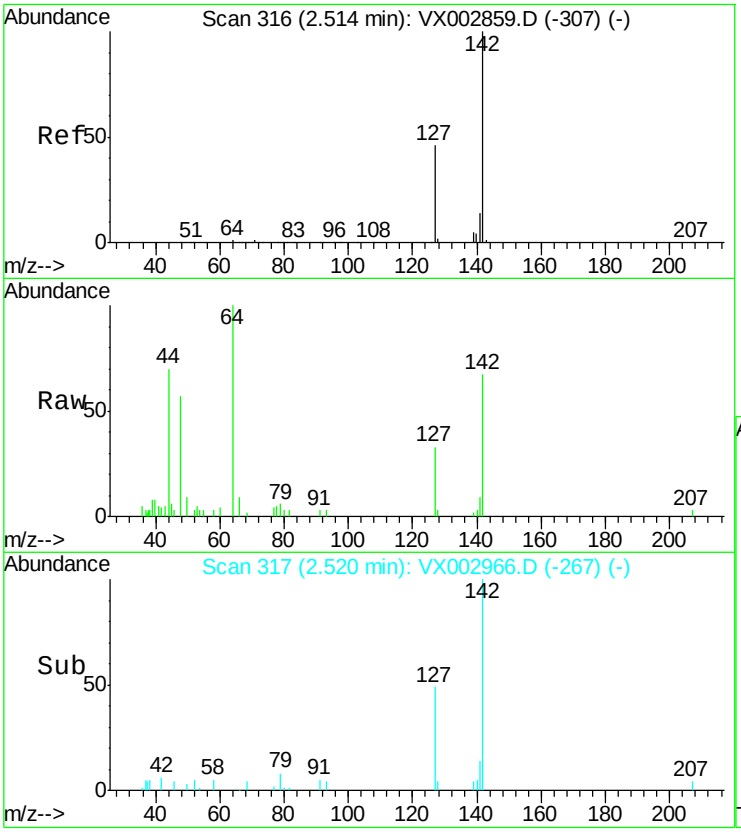


#8
Diethyl Ether
Concen: 1.13 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 74 Resp: 2139

Ion	Ratio	Lower	Upper
74	100		
45	86.2	53.1	159.4



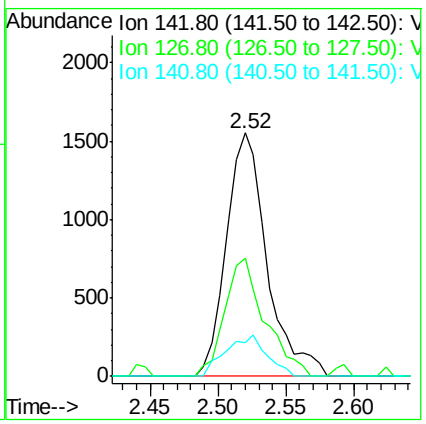


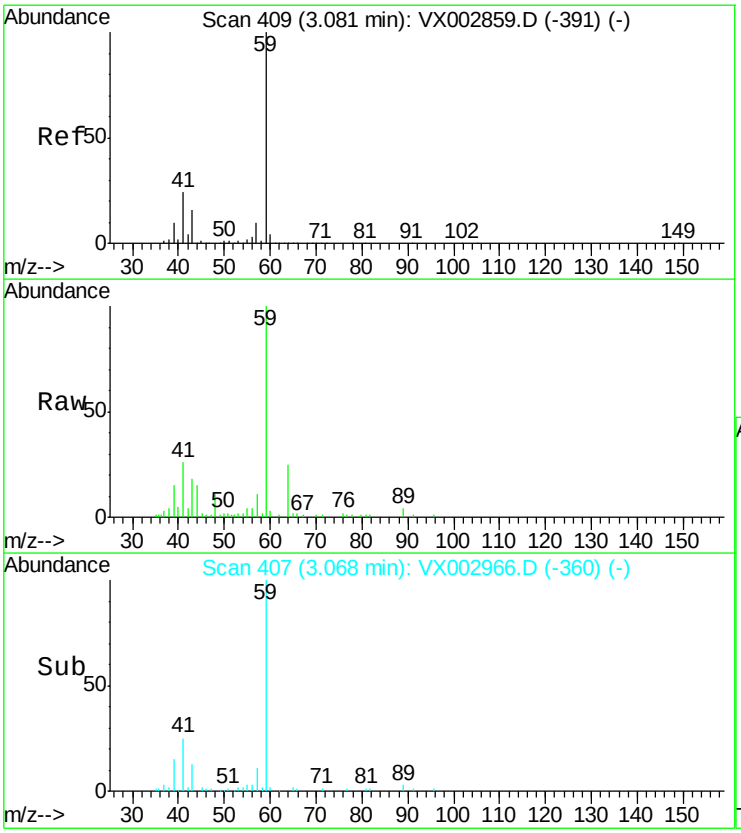
#10
Methyl Iodide
Concen: 7.14 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument : MSVOA_X
ClientSampleId : W-34

Tgt Ion:142 Resp: 3220

Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.6	55.0
141	17.2	11.3	16.9#

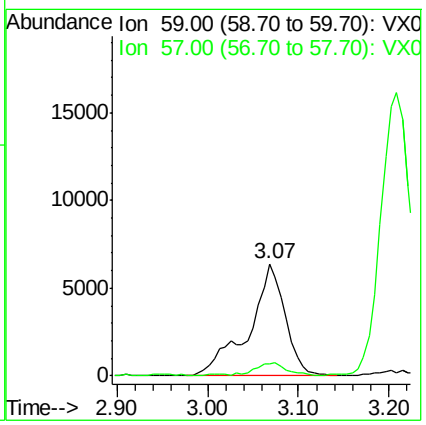


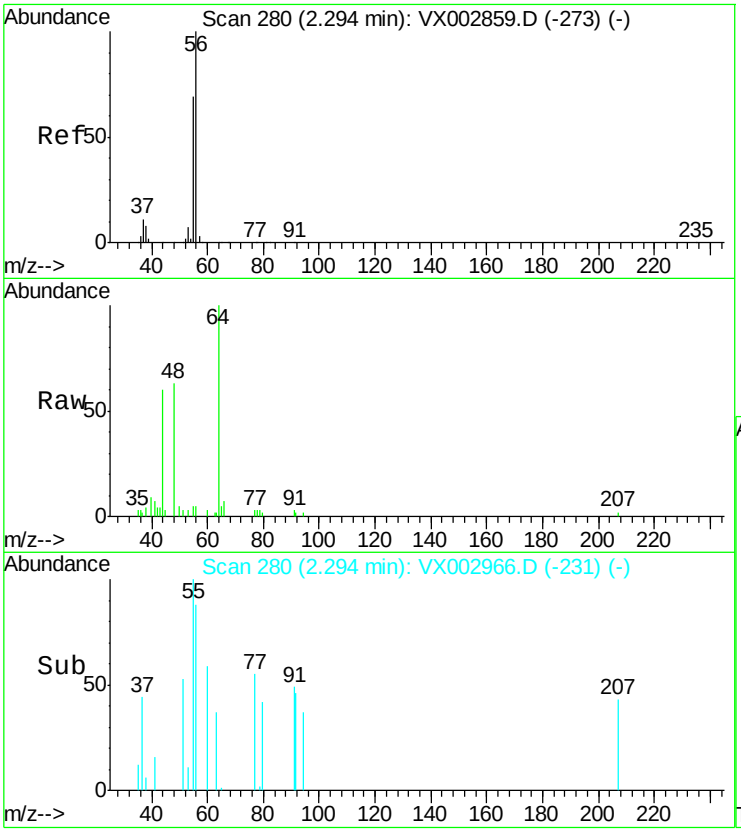


#11
Tert butyl alcohol
Concen: 23.61 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 59 Resp: 17816

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2



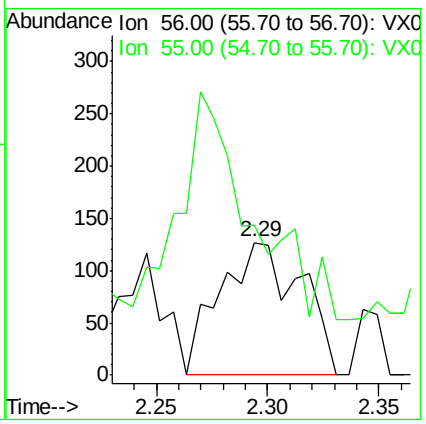


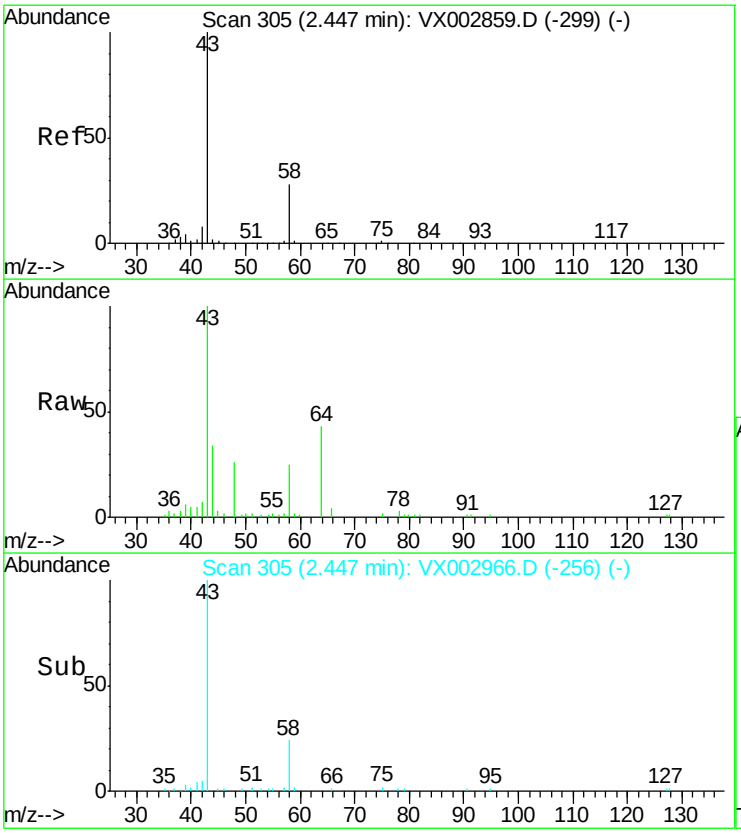
#13
Acrolein
Concen: 4.99 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 56 Resp: 324

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

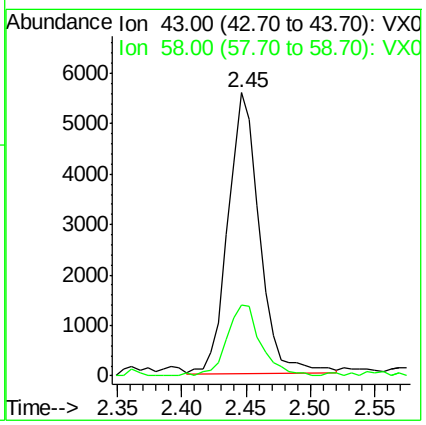


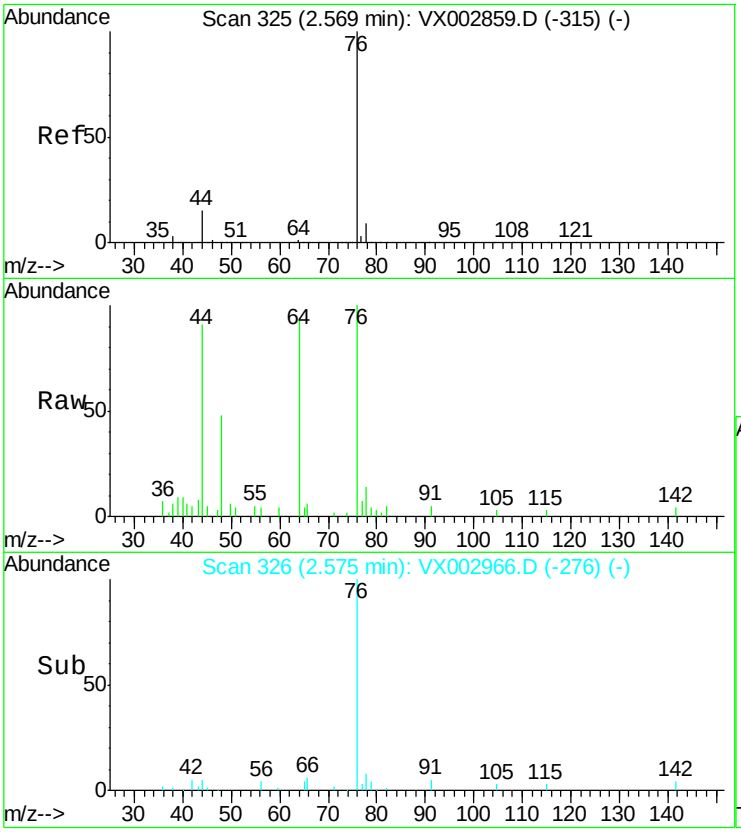


#16
Acetone
Concen: 6.05 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 43 Resp: 9498

Ion	Ratio	Lower	Upper
43	100		
58	24.1	22.1	33.1



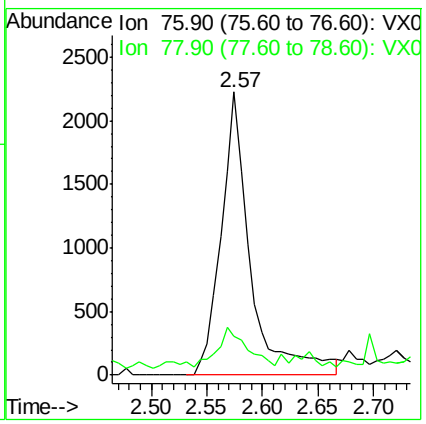


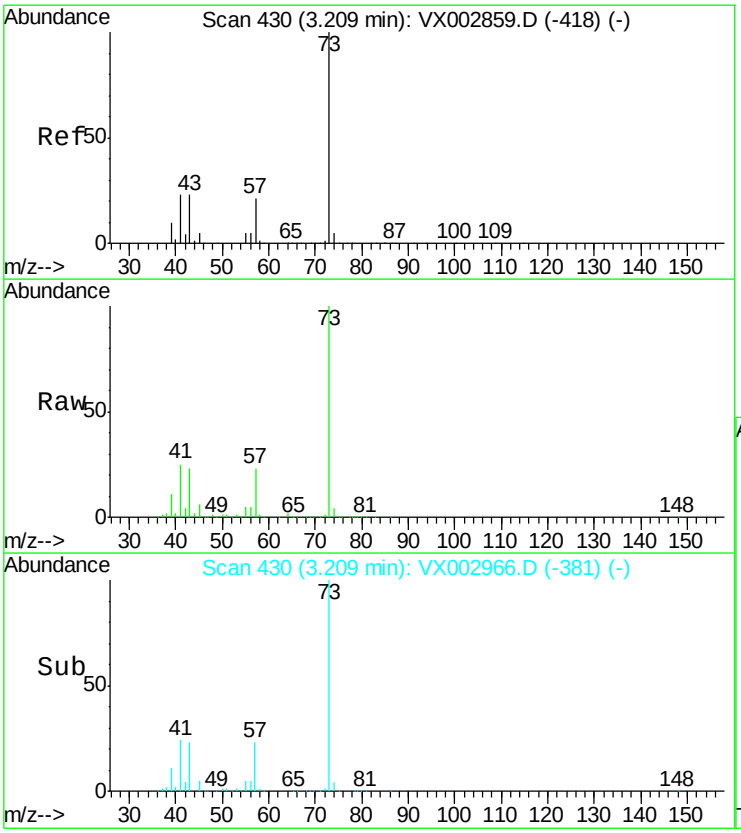
#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument : MSVOA_X
ClientSampleId : W-34

Tgt Ion: 76 Resp: 4058

Ion	Ratio	Lower	Upper
76	100		
78	10.7	6.9	10.3#

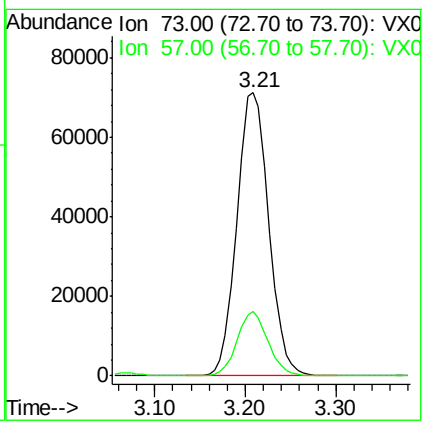


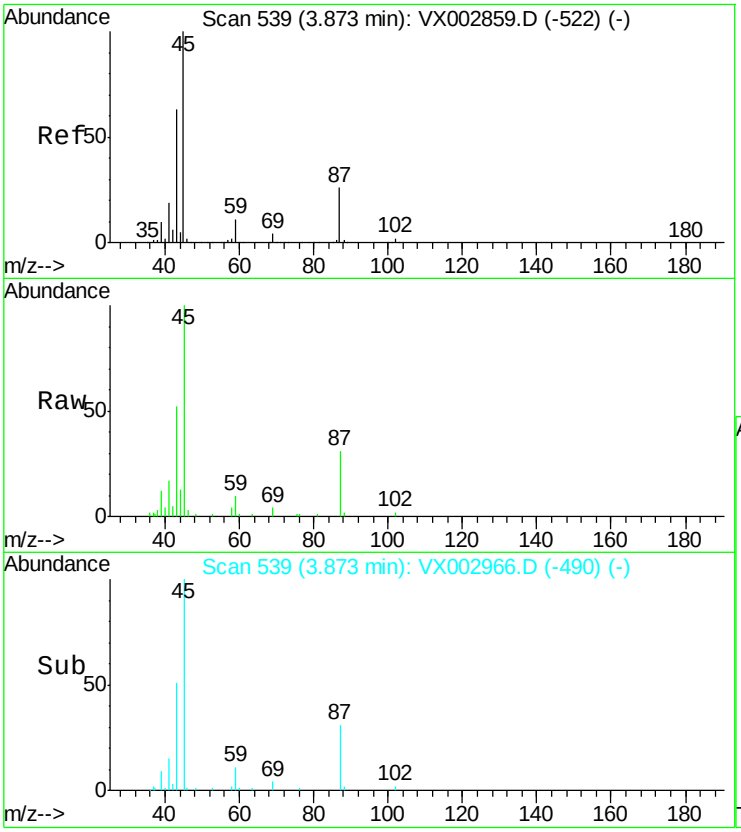


#19
Methyl tert-butyl Ether
Concen: 17.82 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 73 Resp: 173179

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.7	26.5



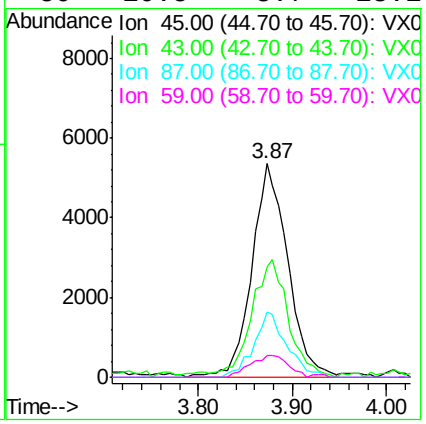


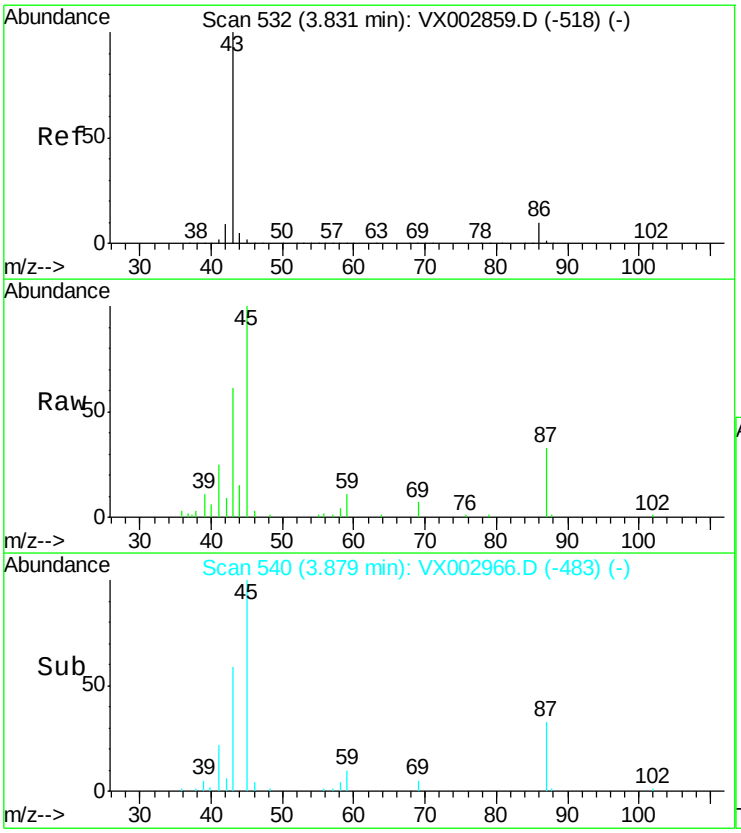
#22
Diisopropyl ether
Concen: 1.40 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument : MSVOA_X
ClientSampleId : W-34

Tgt Ion: 45 Resp: 14293

Ion	Ratio	Lower	Upper
45	100		
43	51.6	46.8	70.2
87	30.6	20.2	30.4#
59	10.5	8.7	13.1

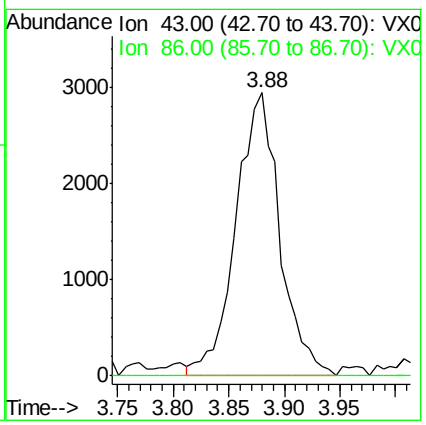


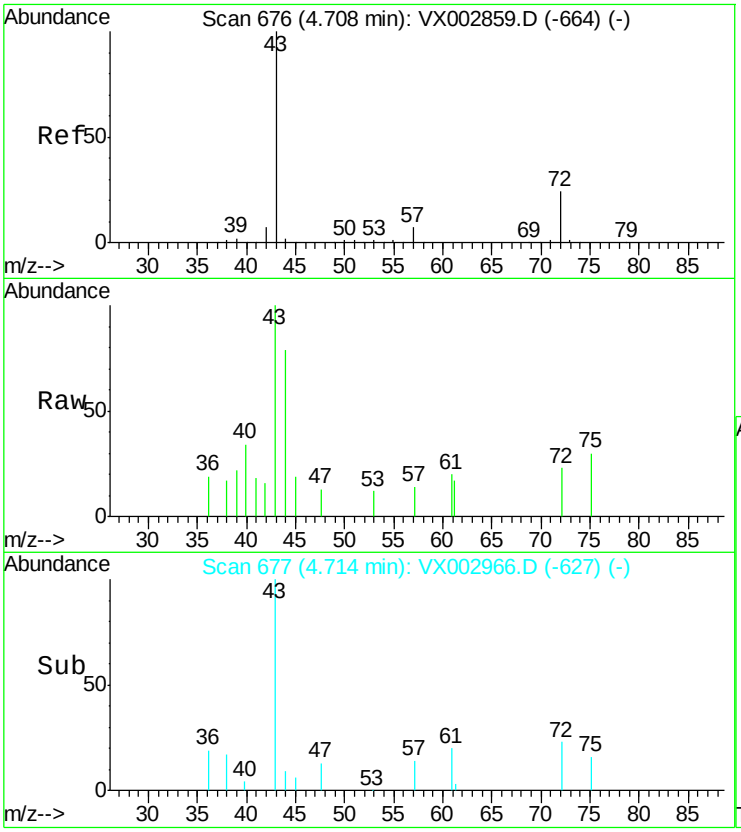


#23
Vinyl Acetate
Concen: 0.94 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.05 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 43 Resp: 8073

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.4	11.0#



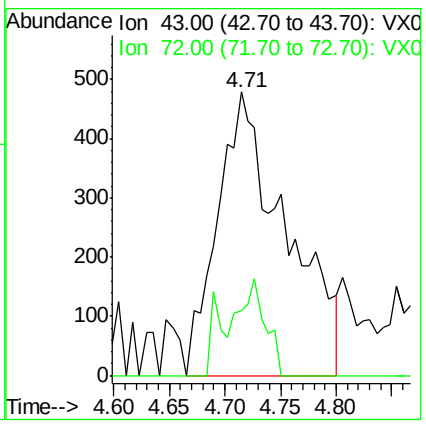


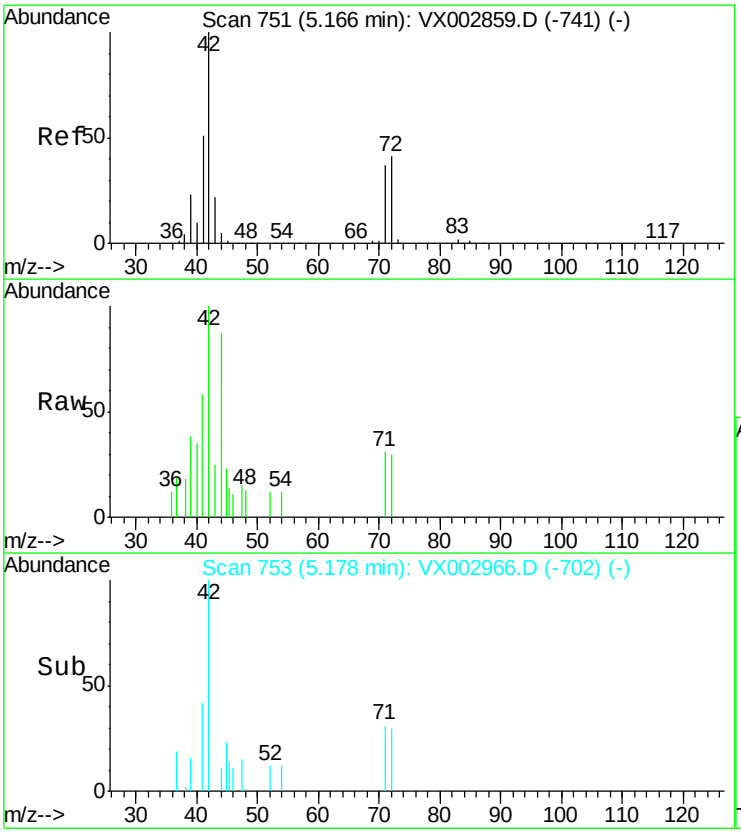
#25
2-Butanone
Concen: 0.88 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 43 Resp: 2046

Ion	Ratio	Lower	Upper
43	100		
72	23.0	18.5	27.7

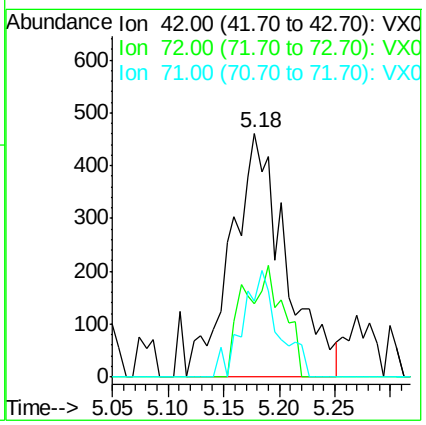


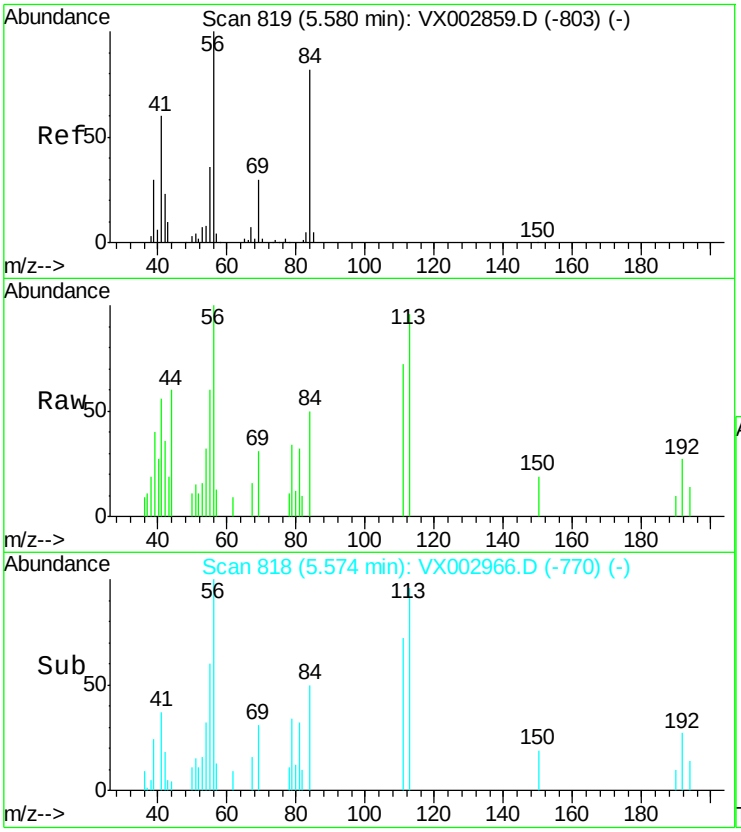


#29
Tetrahydrofuran
Concen: 1.04 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 42 Resp: 1560

Ion	Ratio	Lower	Upper
42	100		
72	33.5	32.0	48.0
71	28.7	30.1	45.1#



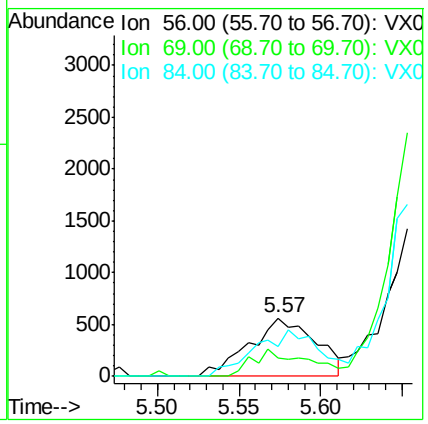


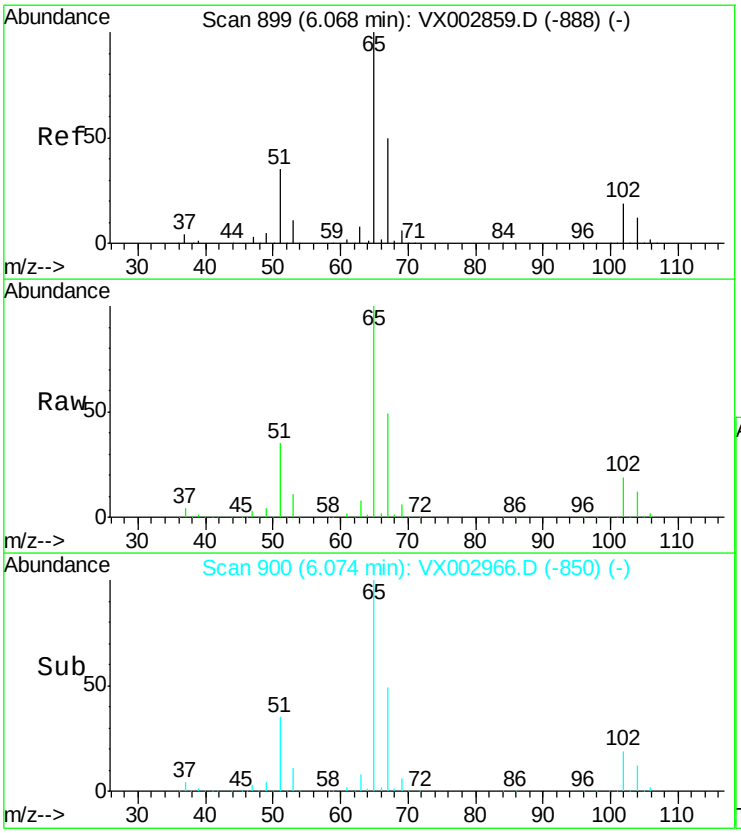
#31
Cyclohexane
Concen: 0.33 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument : MSVOA_X
ClientSampleId : W-34

Tgt Ion: 56 Resp: 1590

Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.7	35.5
84	50.1	64.1	96.1#

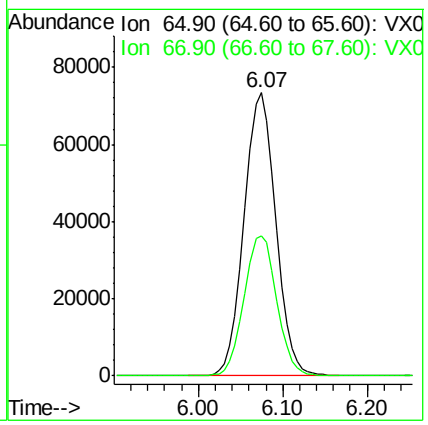


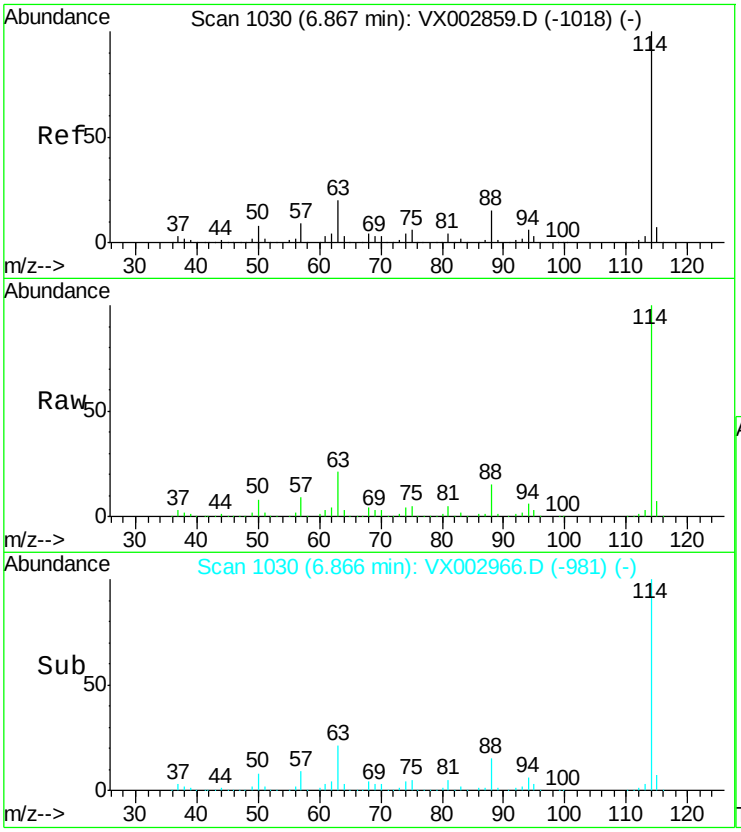


#33
1,2-Dichloroethane-d4
Concen: 49.39 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 65 Resp: 187130

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6



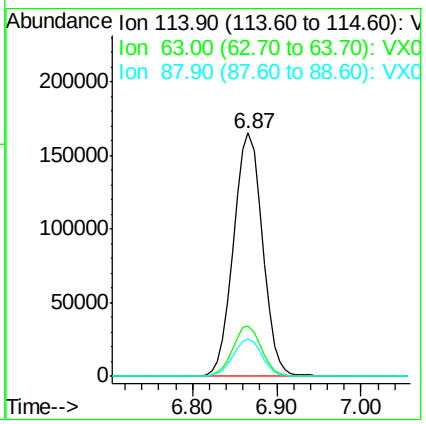


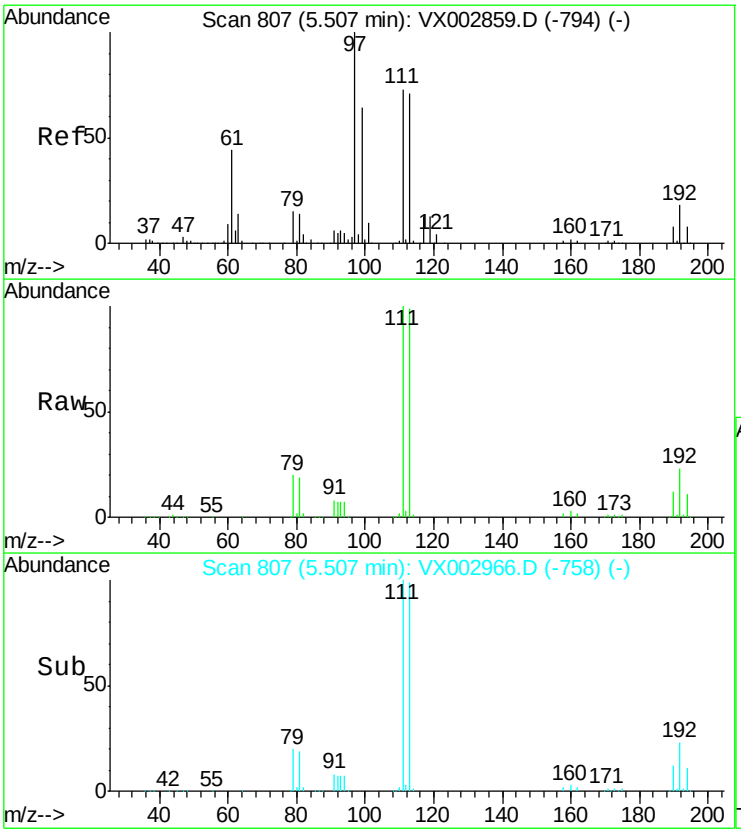
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion:114 Resp: 385024

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	15.4	0.0	30.0

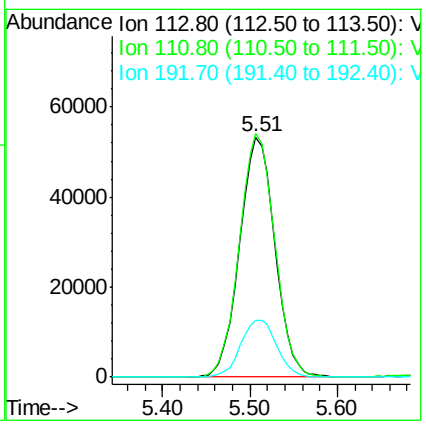


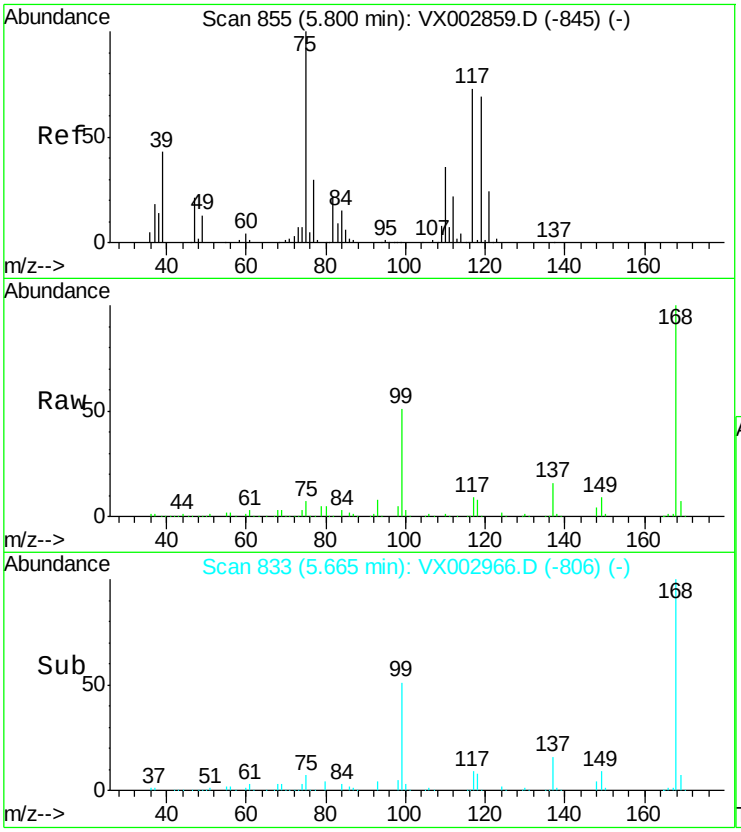


#35
Dibromofluoromethane
Concen: 49.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:113 Resp: 149912

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.3	19.1	28.7



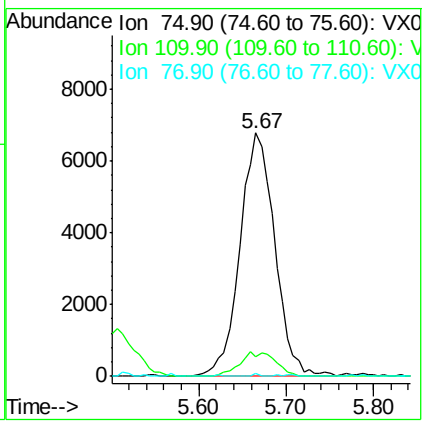


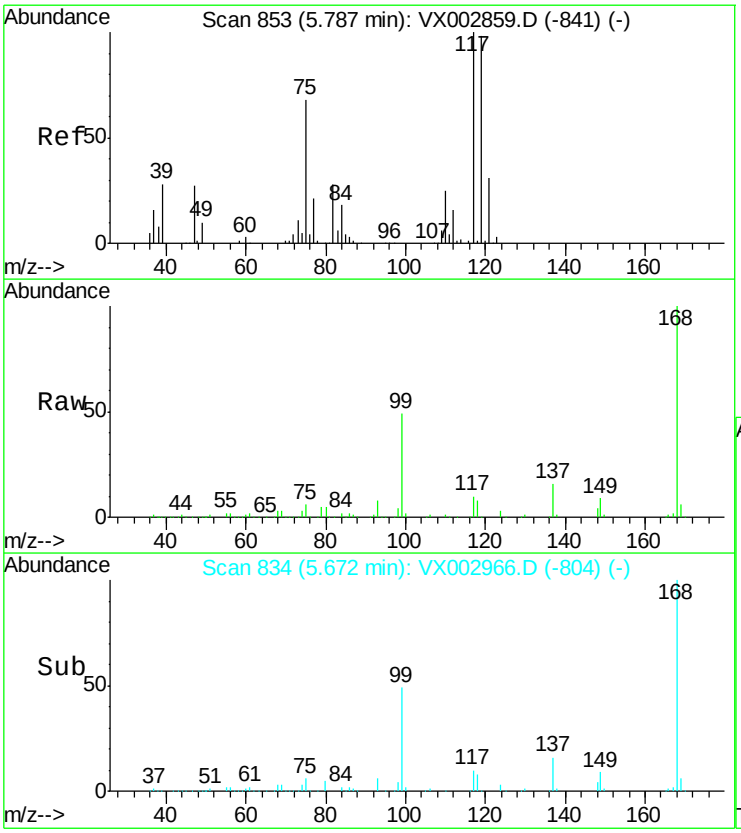
#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 75 Resp: 18762

Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.4#
77	0.1	24.3	36.5#

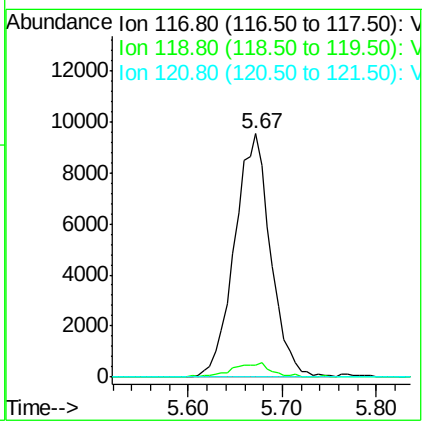


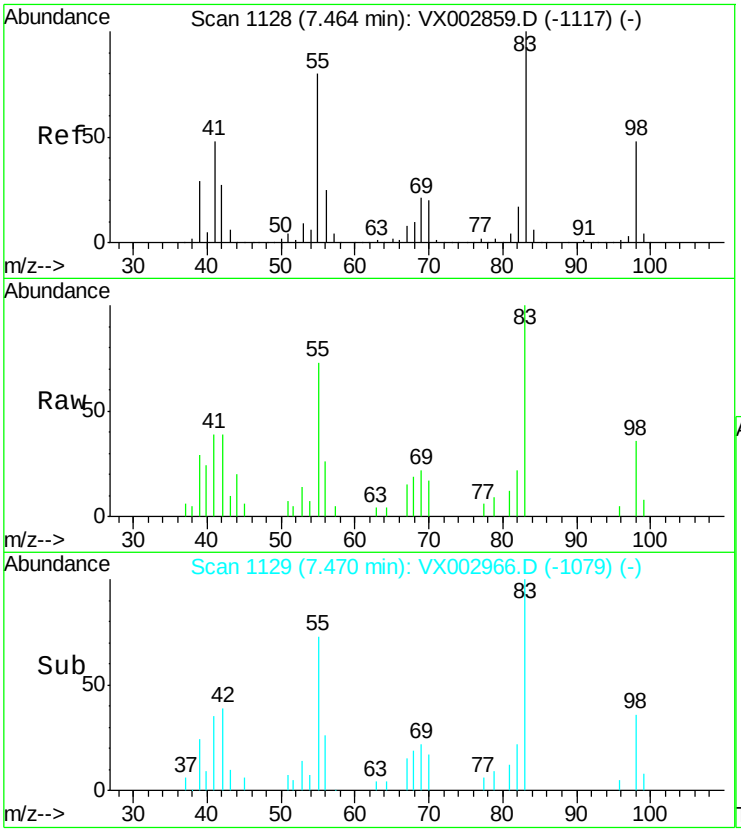


#38
Carbon Tetrachloride
Concen: 5.49 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:117 Resp: 25418

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#



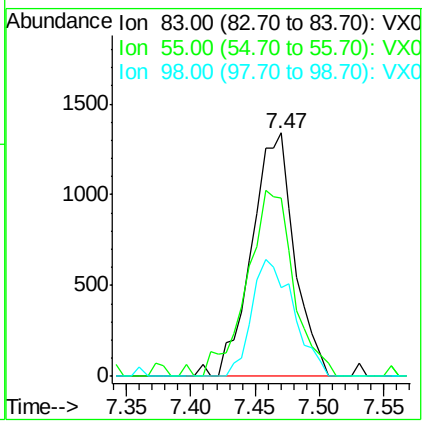


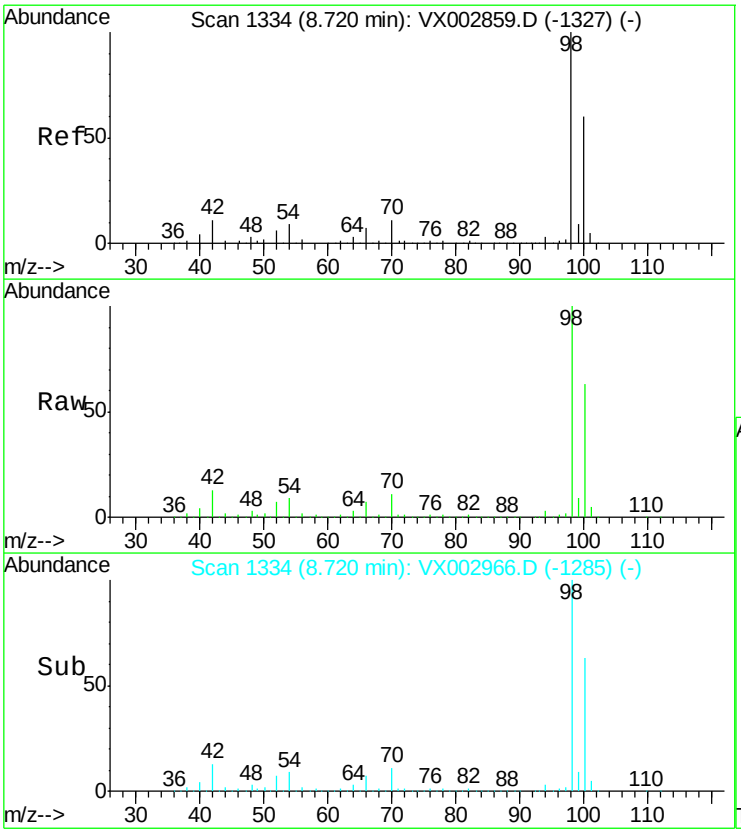
#39
Methylcyclohexane
Concen: 0.62 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 83 Resp: 3070

Ion	Ratio	Lower	Upper
83	100		
55	73.2	65.4	98.0
98	36.2	37.4	56.0#

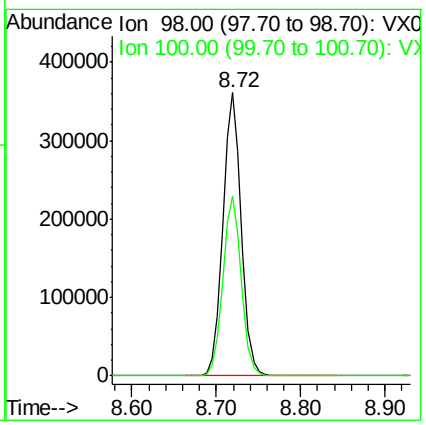


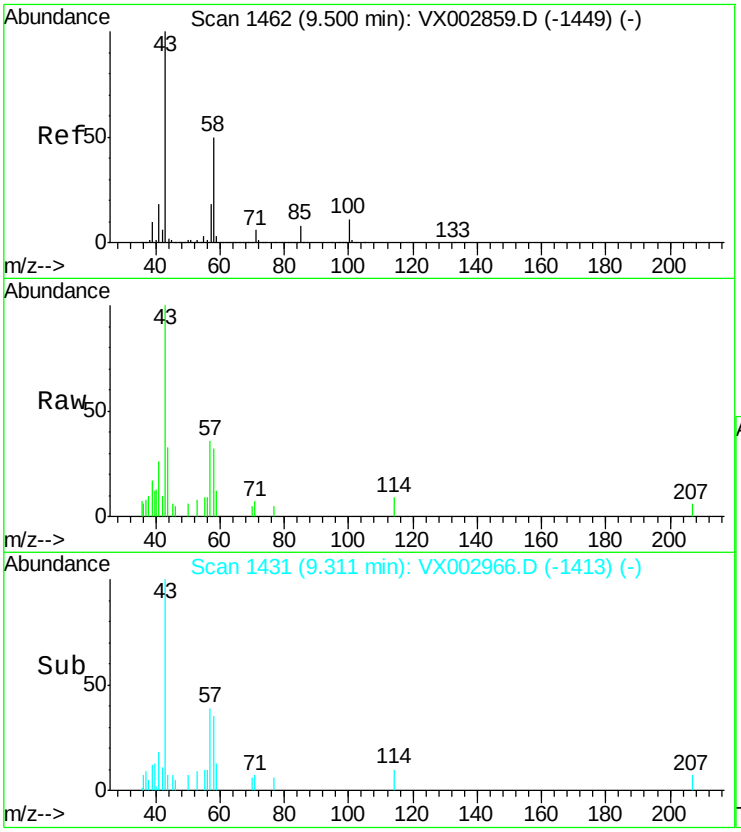


#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 98 Resp: 540055

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



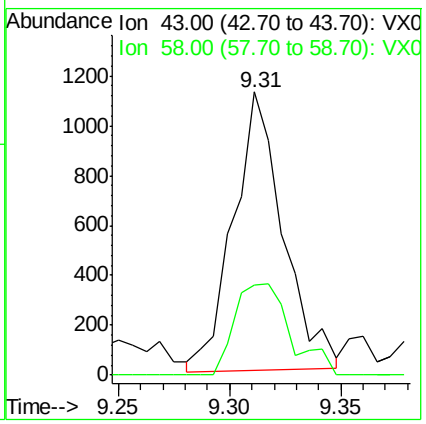


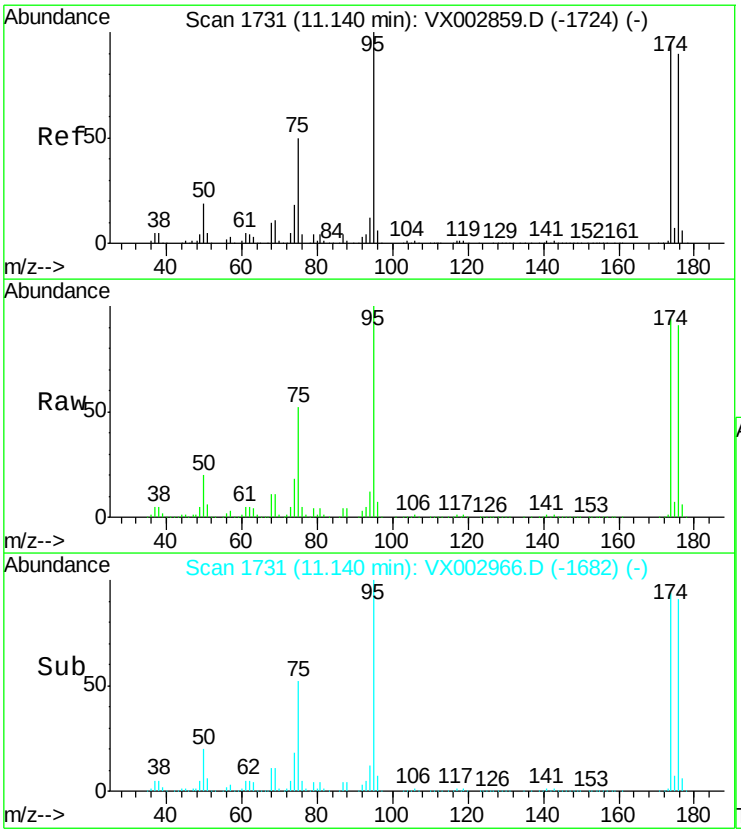
#59
2-Hexanone
Concen: 0.48 ug/l
RT: 9.31 min Scan# 1431
Delta R.T. -0.19 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument : MSVOA_X
ClientSampleId : W-34

Tgt Ion: 43 Resp: 1739

Ion	Ratio	Lower	Upper
43	100		
58	36.9	24.6	73.6

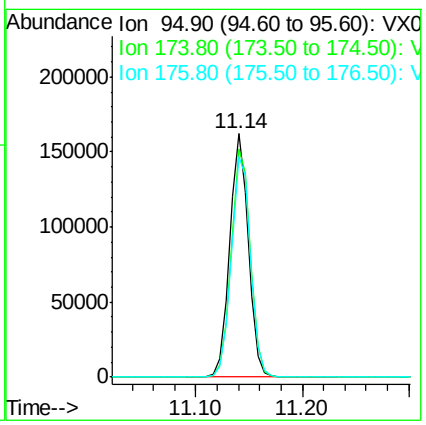


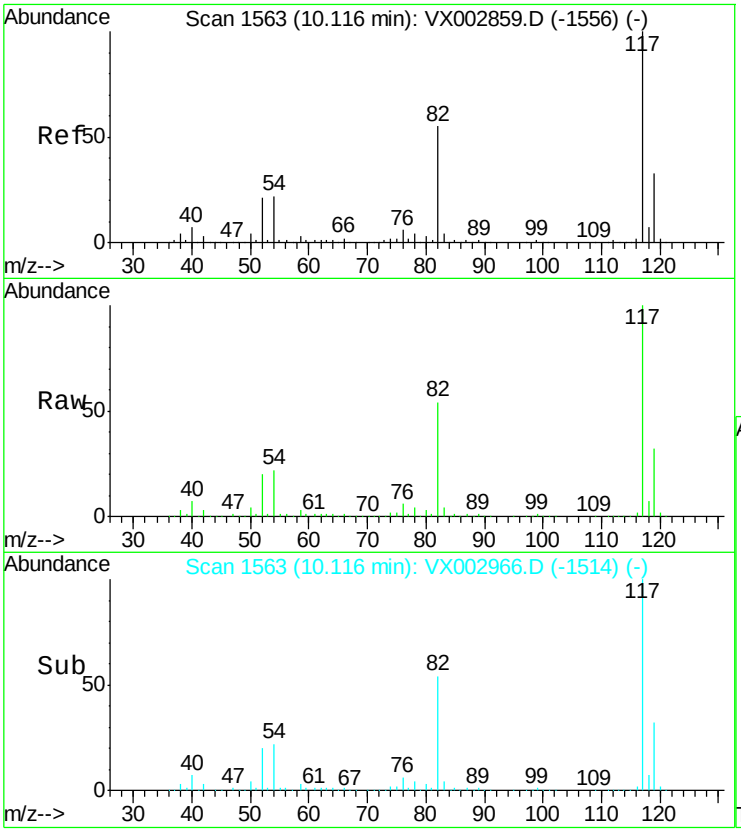


#62
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 95 Resp: 199263

Ion	Ratio	Lower	Upper
95	100		
174	96.4	0.0	187.4
176	93.4	0.0	181.0



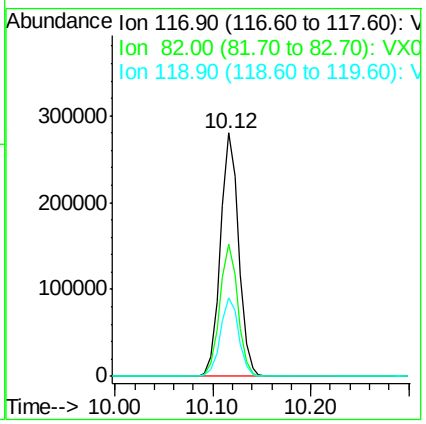


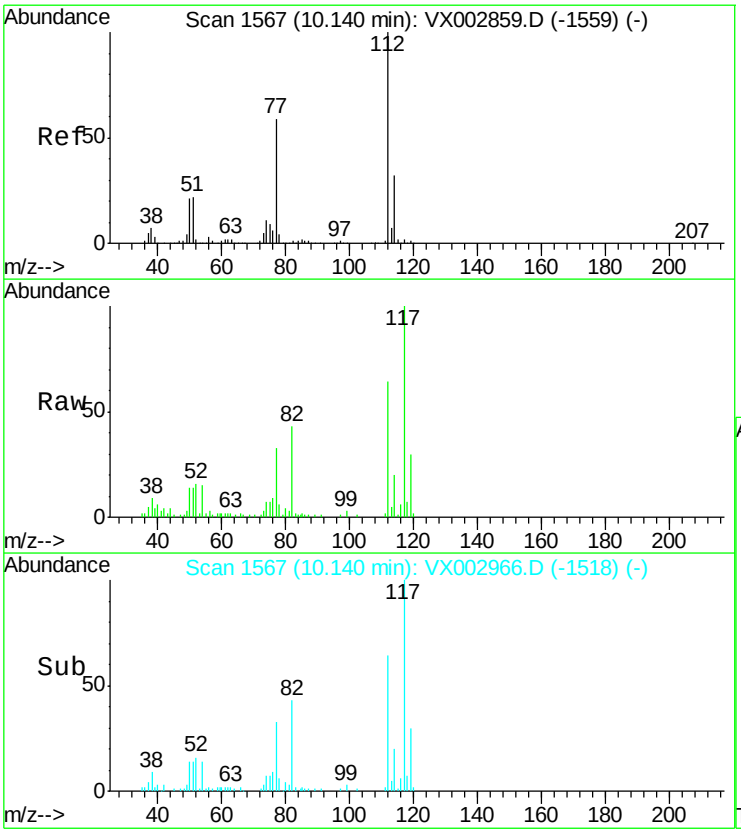
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion:117 Resp: 361741

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	32.0	25.8	38.6

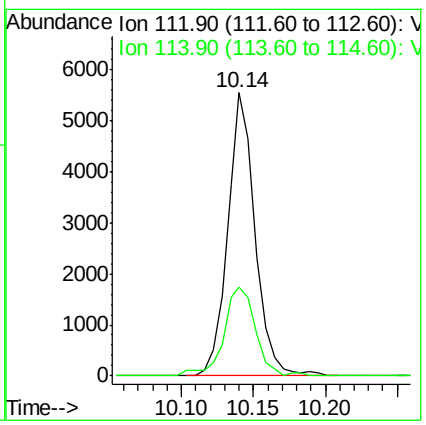


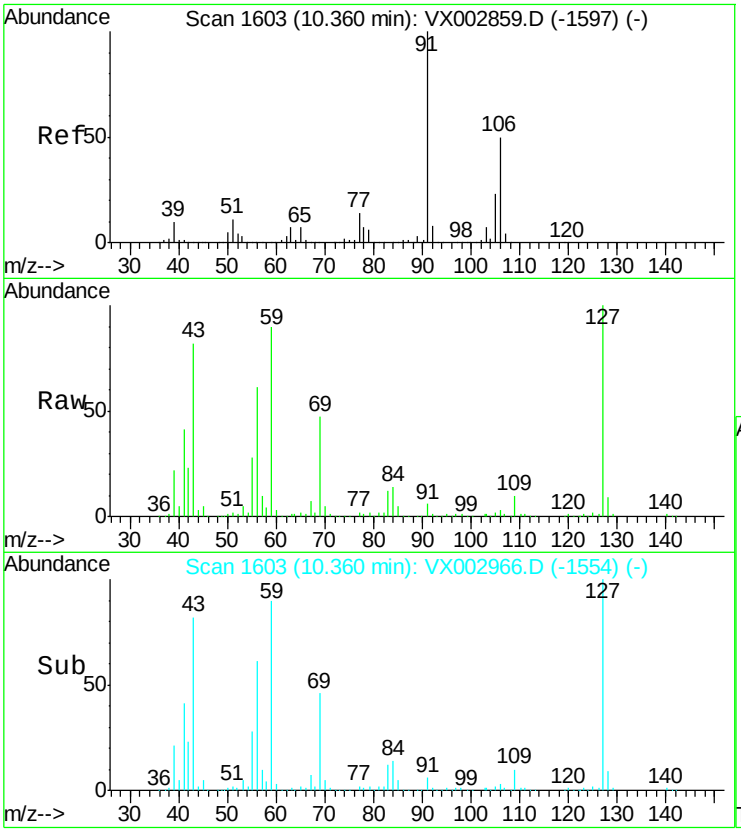


#65
Chlorobenzene
Concen: 0.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:112 Resp: 7376

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.3	37.9



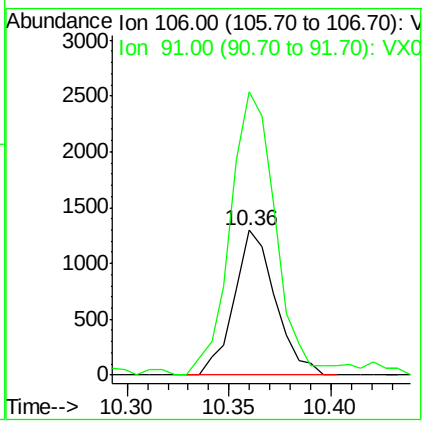


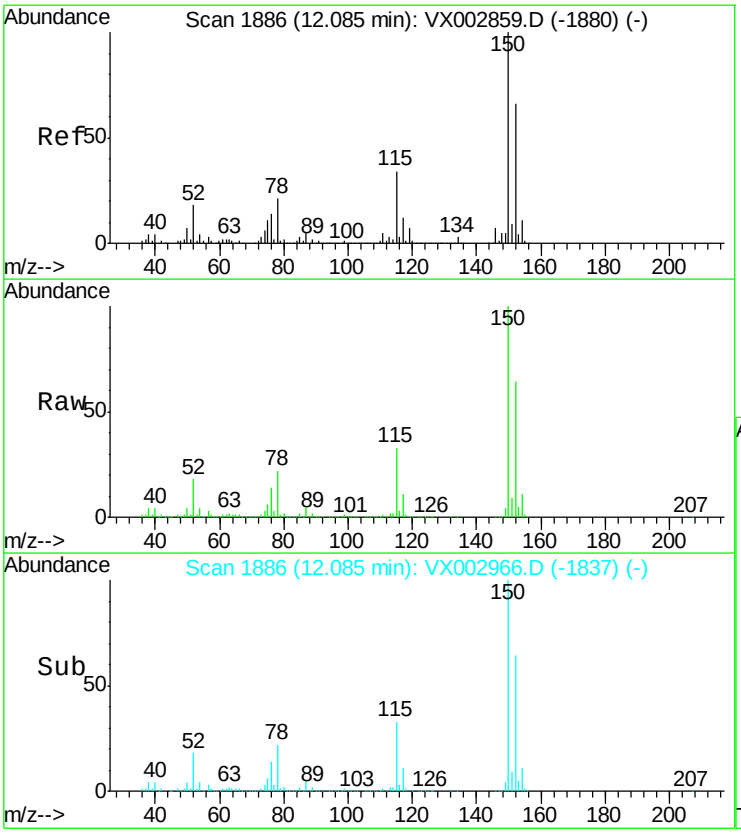
#68
m/p-Xylenes
Concen: 0.31 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion:106 Resp: 1817

Ion	Ratio	Lower	Upper
106	100		
91	214.5	163.4	245.2

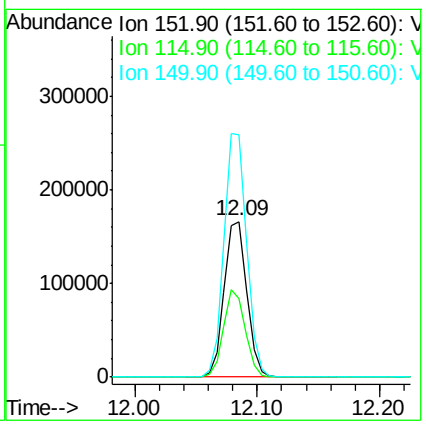


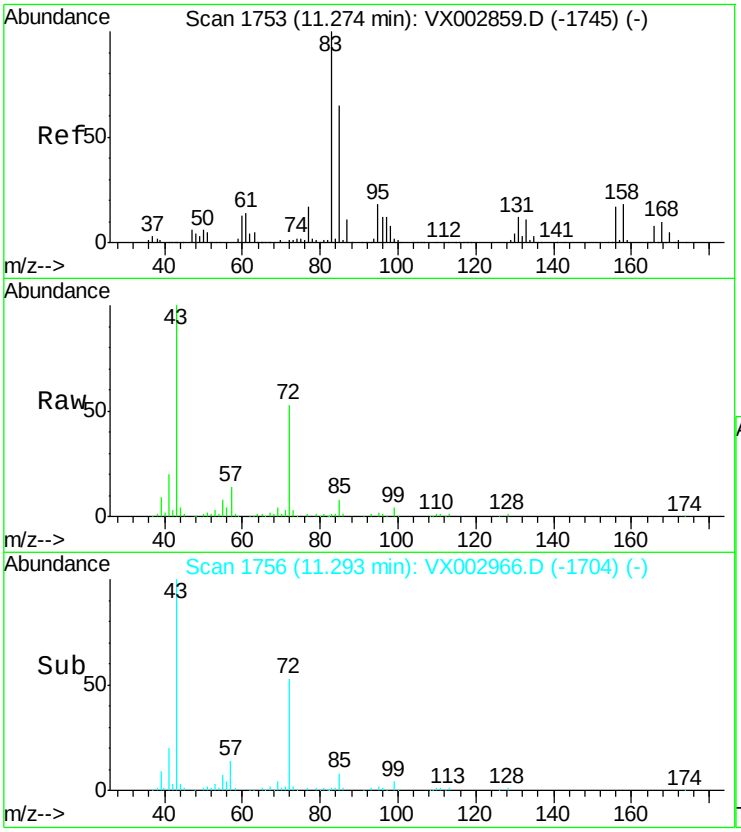


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:152 Resp: 211657

Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.1	120.2
150	156.9	0.0	347.2



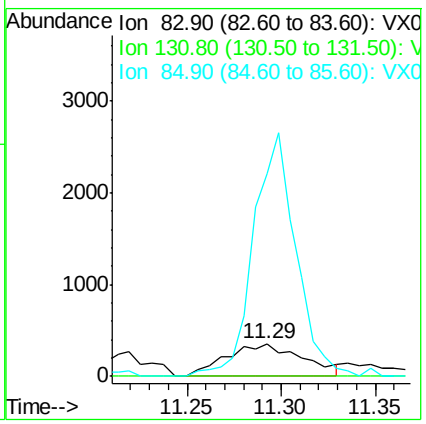


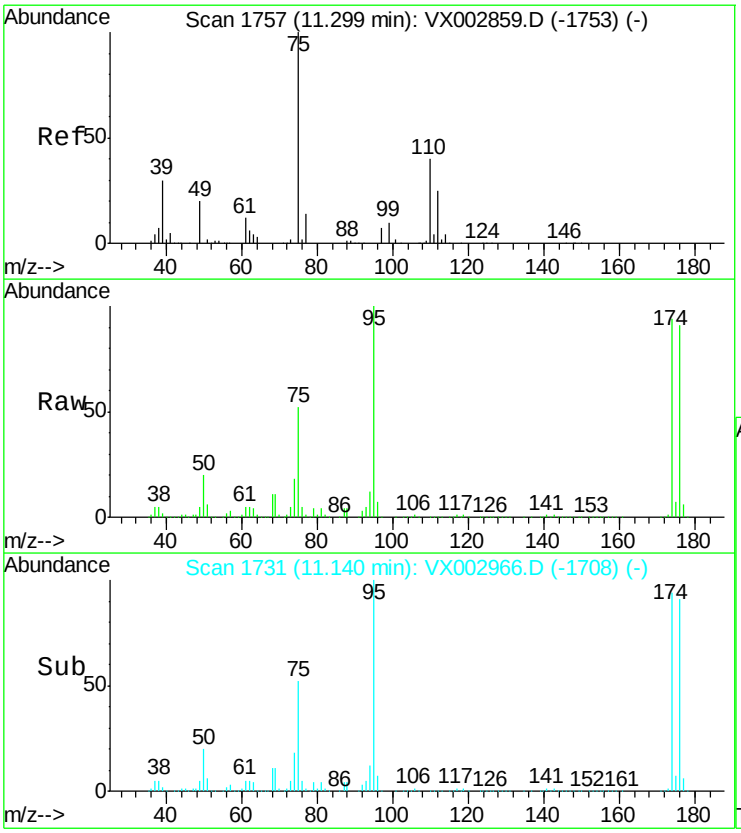
#75
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/l
RT: 11.29 min Scan# 1756
Delta R.T. 0.02 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 83 Resp: 999

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	415.6	32.4	97.2#

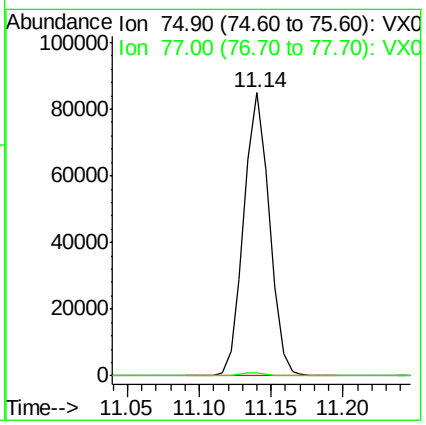


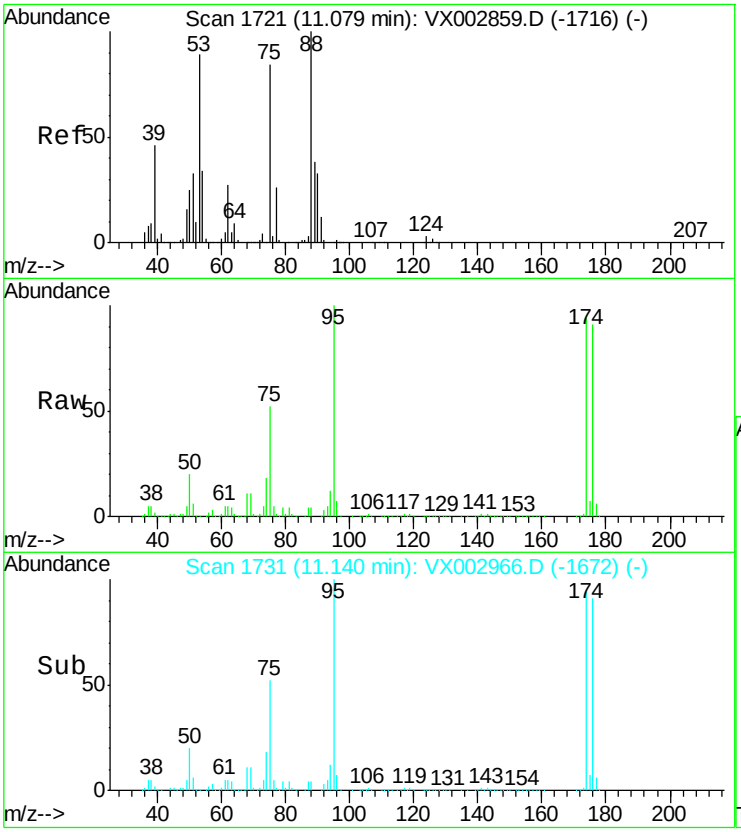


#76
1,2,3-Trichloropropane
Concen: 27.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion: 75 Resp: 104414

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



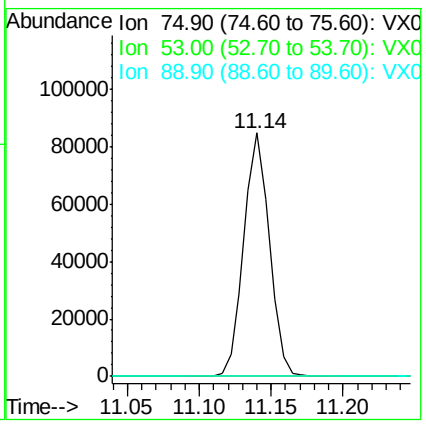


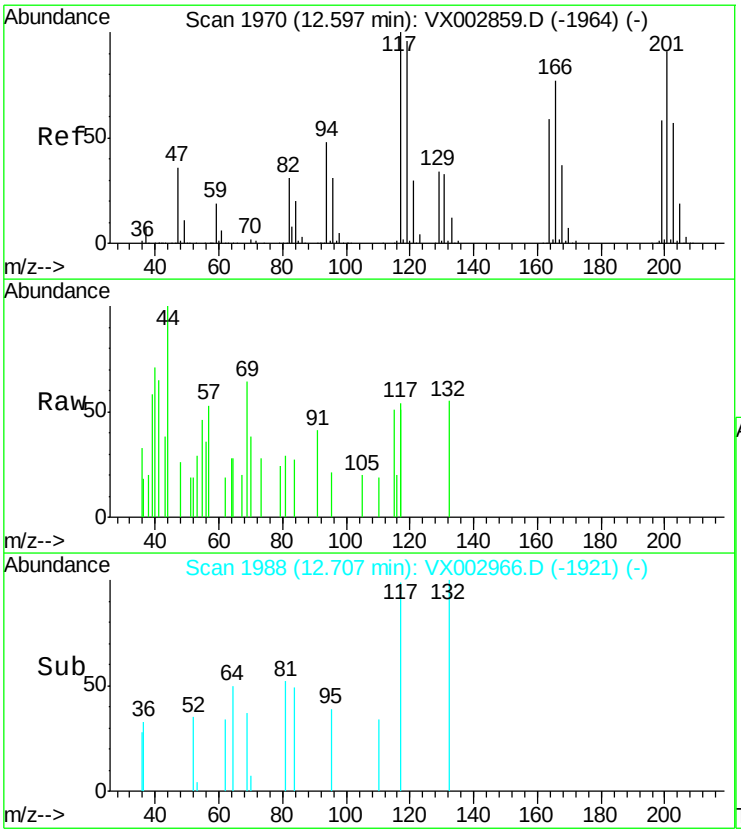
#81
trans-1,4-Dichloro-2-butene
Concen: 77.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :
W-34

Tgt Ion: 75 Resp: 104414

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#





#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.71 min Scan# 1988
Delta R.T. 0.11 min
Lab File: VX002966.D
Acq: 28 Jun 2018 05:18

Tgt Ion:117 Resp: 436

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#