Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

Quantitation Report (Not Reviewed)

Data File : VX001987.D
Acq On : 25 May 2018 19:43
Operator : JC/MD
Sample : J3064-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-29

Quant Time: May 26 00:46:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	474455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	431677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	236503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284975	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%			
35) Dibromofluoromethane	5.51	113	221548	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
50) Toluene-d8	8.72	98	807698	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
62) 4-Bromofluorobenzene	11.14	95	299821	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	392	Below Cal	#	41
5) Bromomethane	1.61	94	128	Below Cal	#	59
10) Methyl Iodide	2.52	142	1669	0.32 ug/l	#	91
11) Tert butyl alcohol	3.08	59	2675	2.46 ug/l		97
13) Acrolein	2.29	56	272	0.58 ug/l	#	57
16) Acetone	2.45	43	16075	7.51 ug/l		100
18) Methyl Acetate	2.78	43	1302	Below Cal	#	89
19) Methyl tert-butyl Ether	3.21	73	2892	0.21 ug/l		95
20) Methylene Chloride	2.86	84	1515	Below Cal	#	81
21) trans-1,2-Dichloroethene	3.15	96	298	Below Cal	#	25
25) 2-Butanone	4.73	43	1180	0.30 ug/l	#	84
28) Bromochloromethane	5.03	49	79	Below Cal	#	14
36) 1,1-Dichloropropene	5.67	75	21262	3.22 ug/l	#	52
38) Carbon Tetrachloride	5.67	117	28410	3.69 ug/l	#	15
41) Methacrylonitrile	5.09	41	483	Below Cal	#	47
74) N-amyl acetate	6.49	43	239	Below Cal	#	96
75) 1,1,2,2-Tetrachloroethane	11.28	83	786	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.14	75	155698	27.41 ug/l	#	32
79) 2-Chlorotoluene	11.43	91	473	Below Cal		87
81) trans-1,4-Dichloro-2-buten	11.14	75	155698	65.87 ug/l	#	10

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

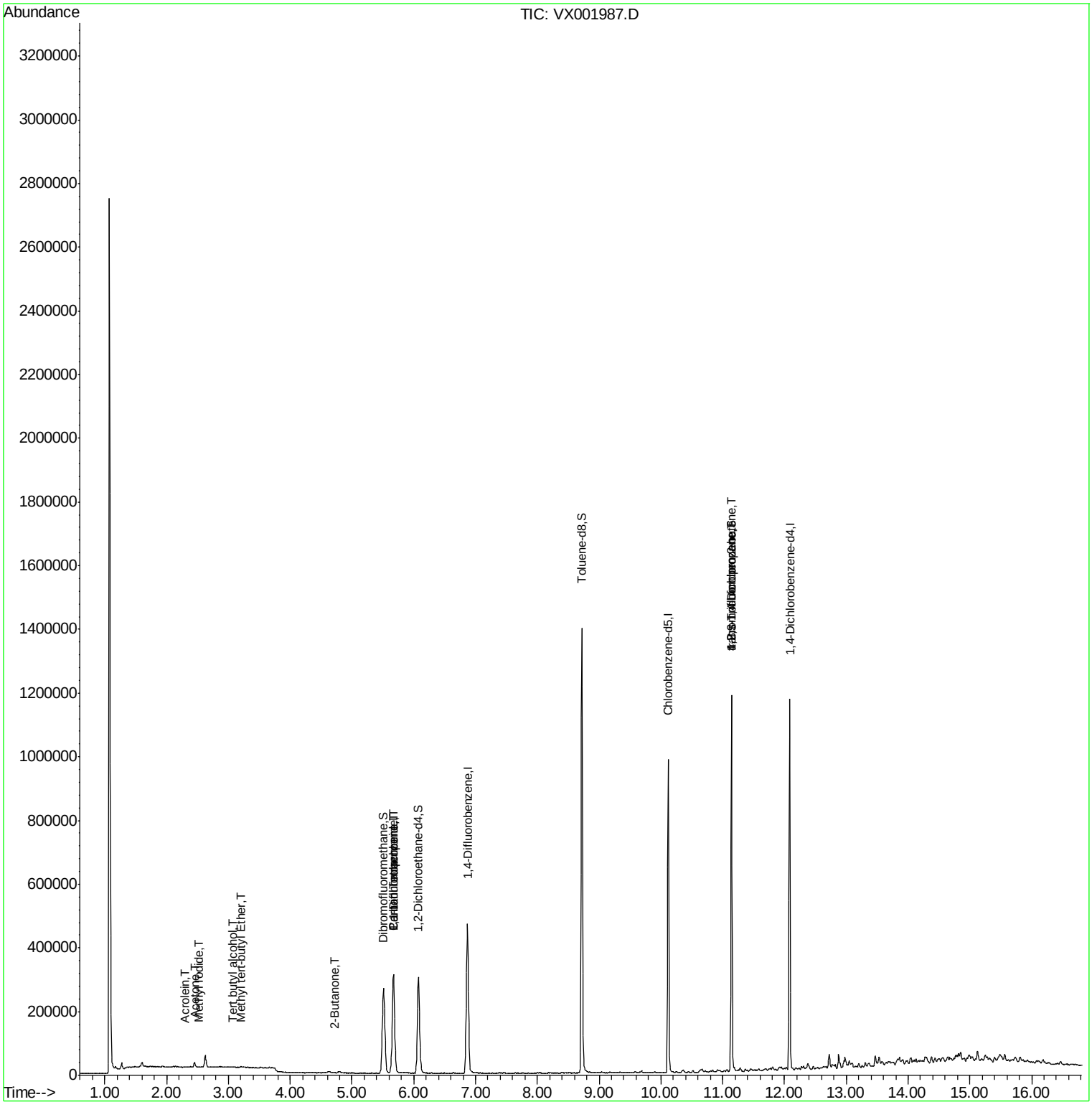
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\

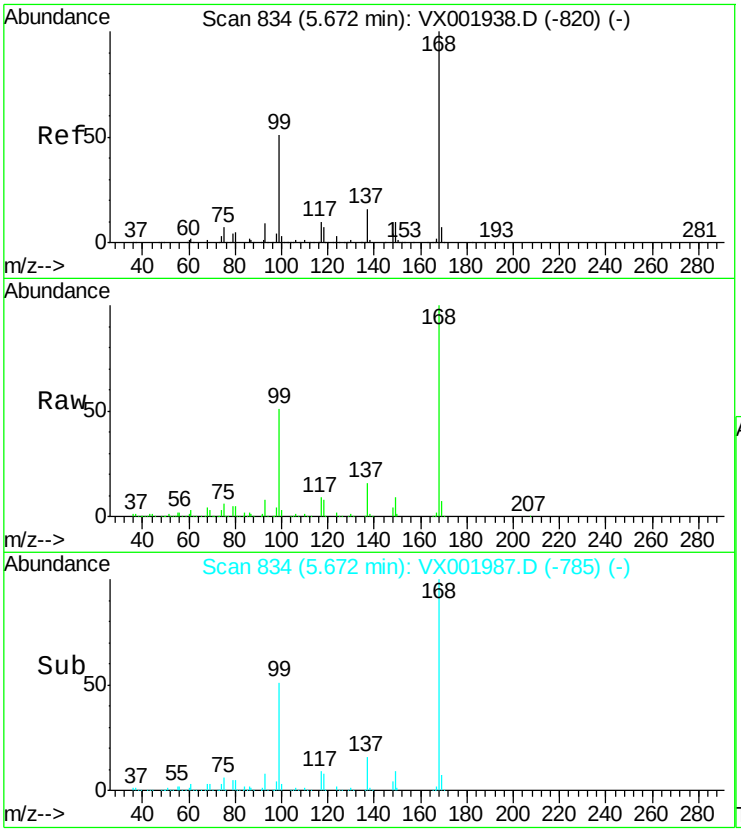
Quantitation Report (Not Reviewed)

Data File : VX001987.D
Acq On : 25 May 2018 19:43
Operator : JC/MD
Sample : J3064-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Quant Time: May 26 00:46:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



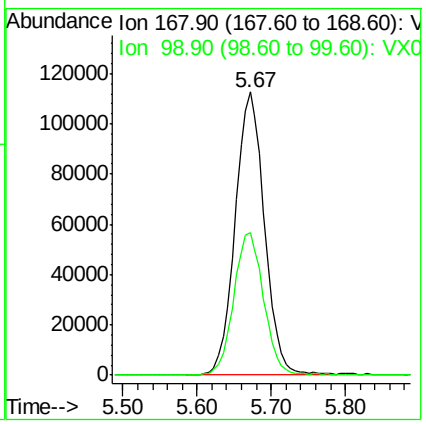


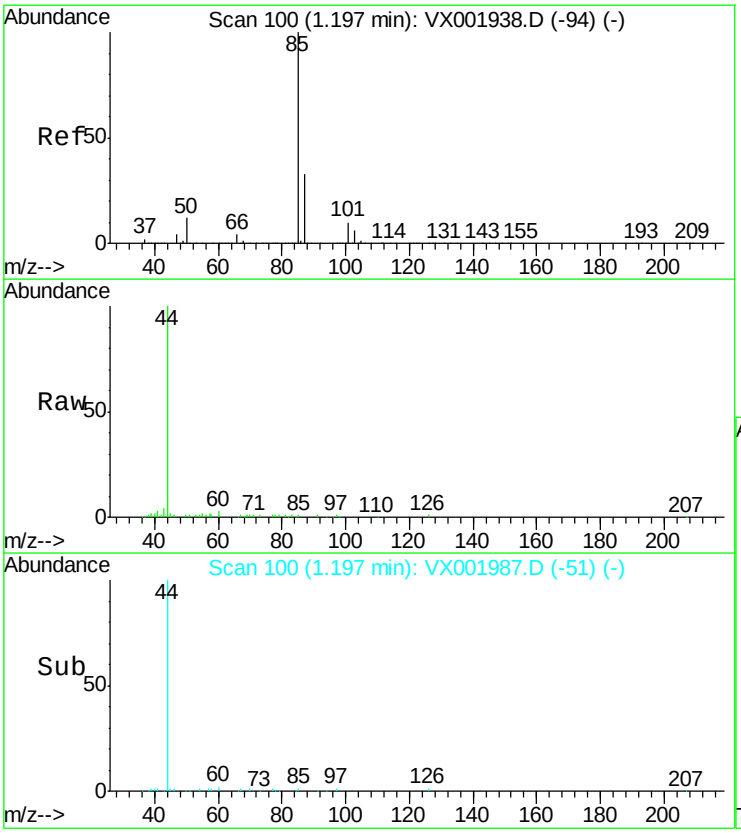
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:168 Resp: 310486

Ion	Ratio	Lower	Upper
168	100		
99	50.6	41.0	61.4

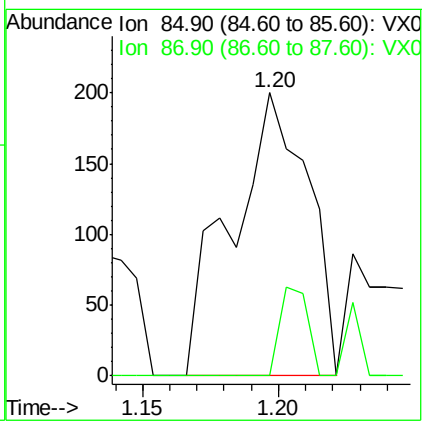


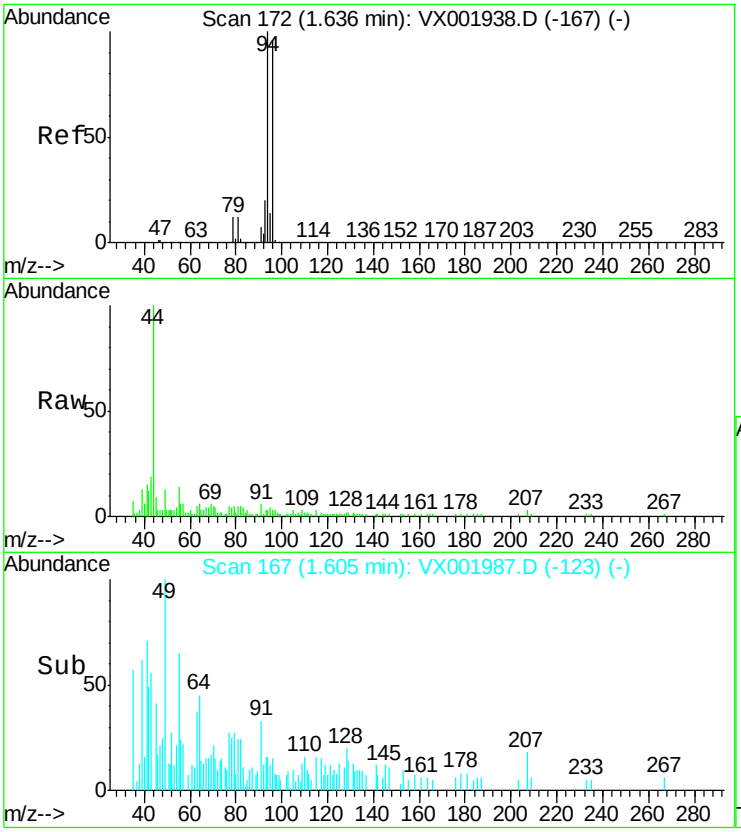


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 85 Resp: 392

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



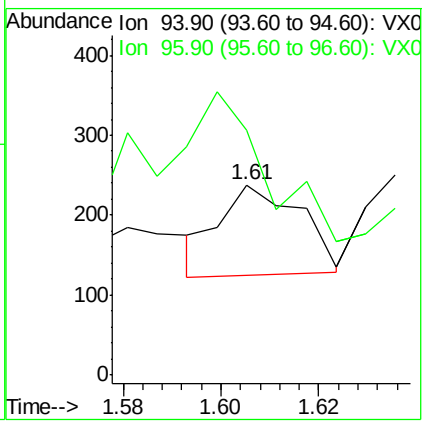


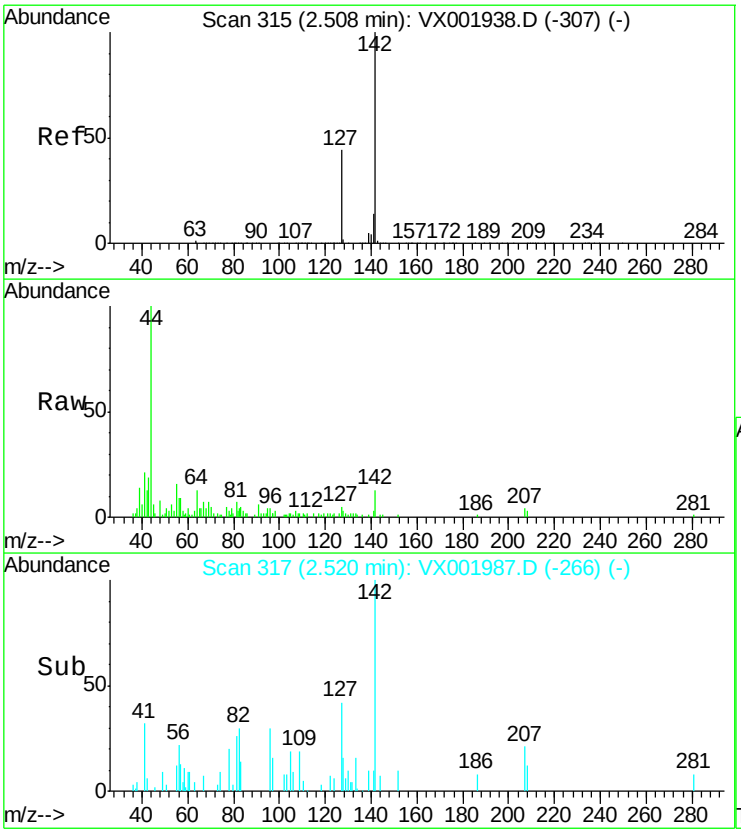
#5
Bromomethane
Concen: Below Cal
RT: 1.61 min Scan# 167
Delta R.T. -0.03 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 94 Resp: 128

Ion	Ratio	Lower	Upper
94	100		
96	135.0	75.9	113.9#

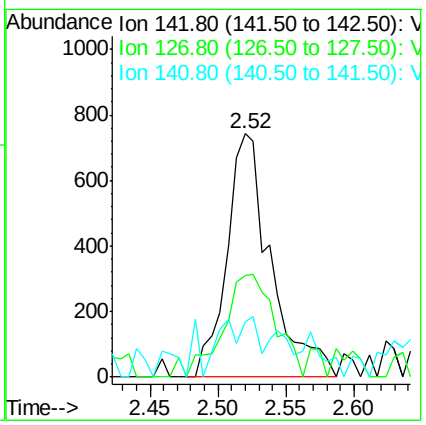


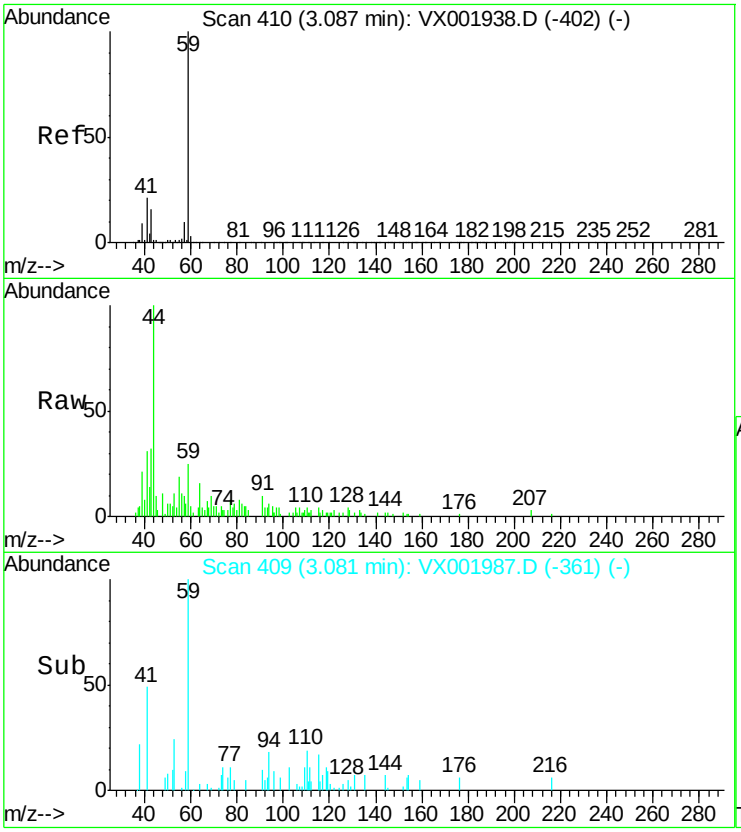


#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion:142 Resp: 1669

Ion	Ratio	Lower	Upper
142	100		
127	50.7	35.5	53.3
141	11.1	11.3	16.9#



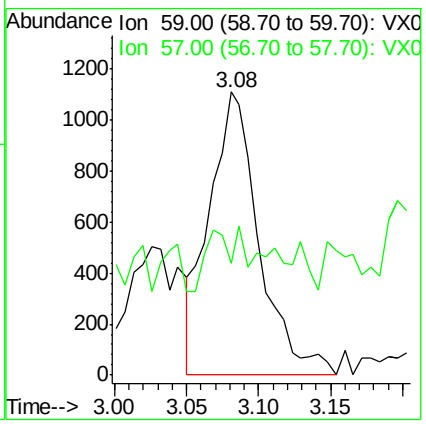


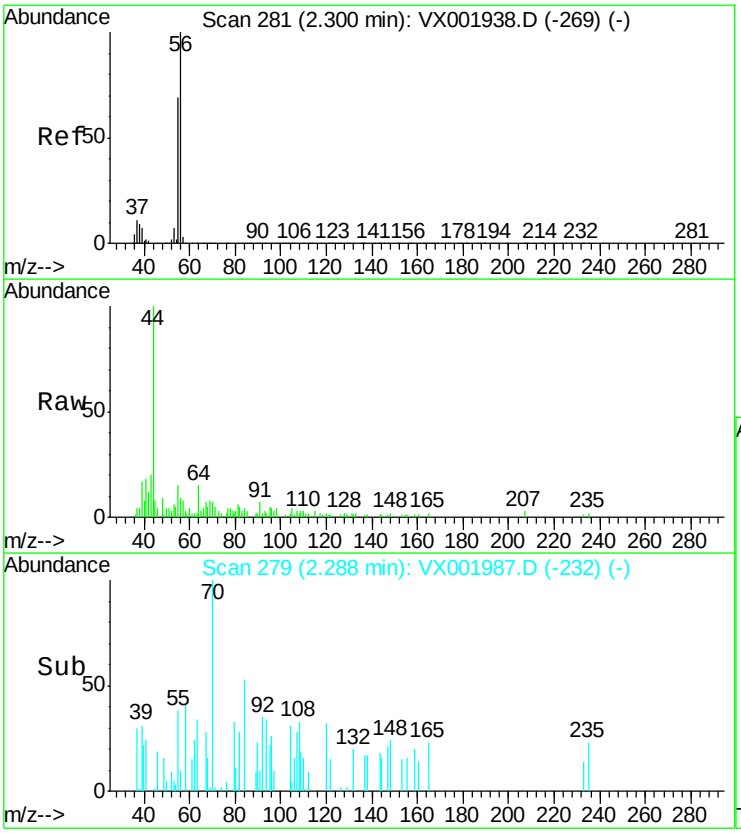
#11
Tert butyl alcohol
Concen: 2.46 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 59 Resp: 2675

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.9	13.3

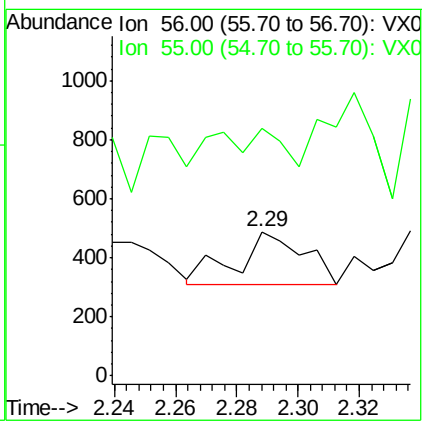


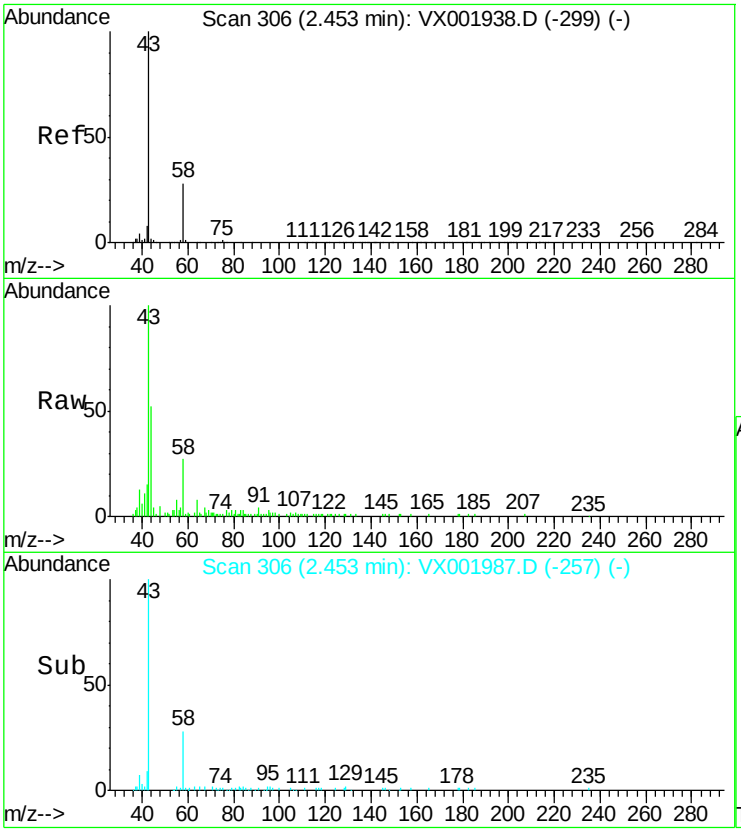


#13
Acrolein
Concen: 0.58 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 56 Resp: 272

Ion	Ratio	Lower	Upper
56	100		
55	35.7	56.8	85.2#



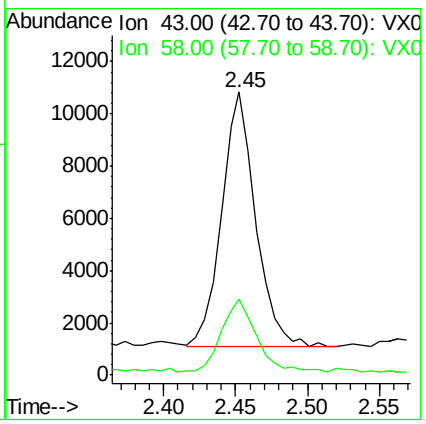


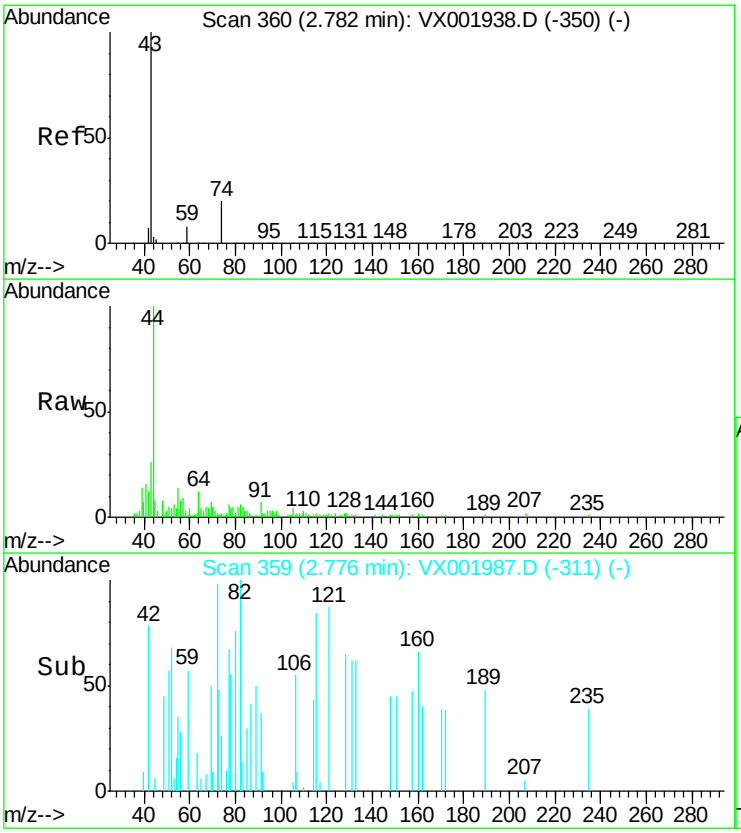
#16
Acetone
Concen: 7.51 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 43 Resp: 16075

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5

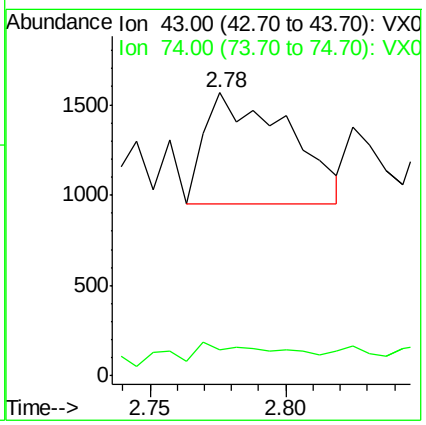


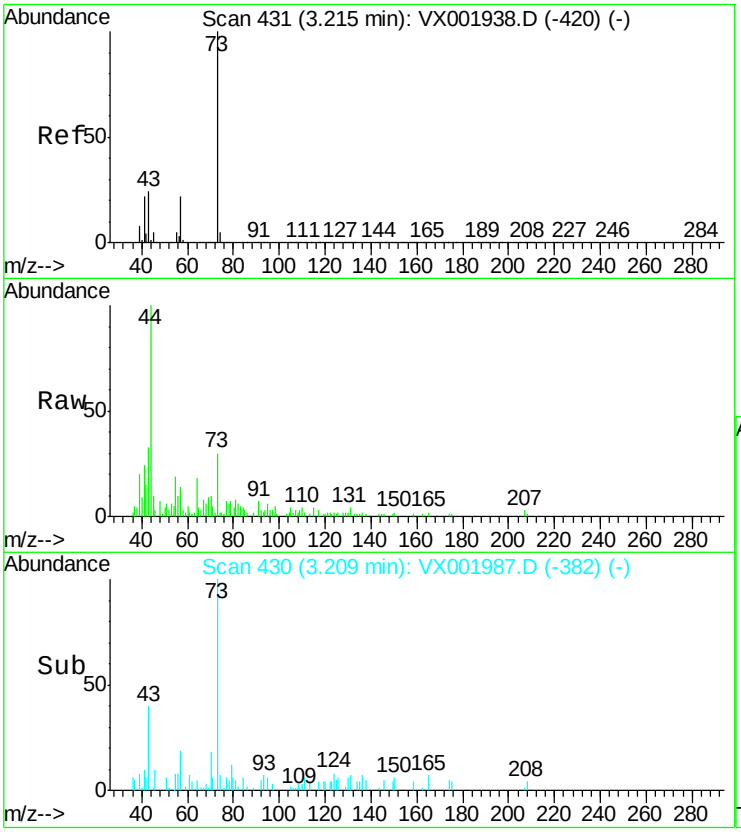


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 43 Resp: 1302

Ion	Ratio	Lower	Upper
43	100		
74	26.0	16.8	25.2#



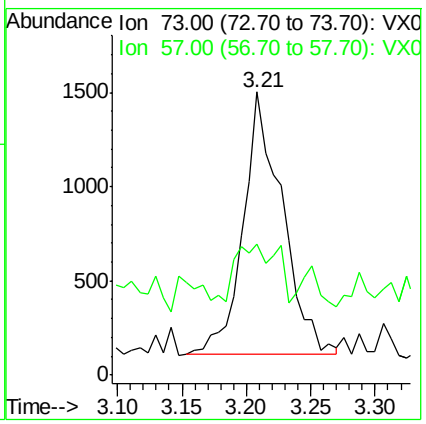


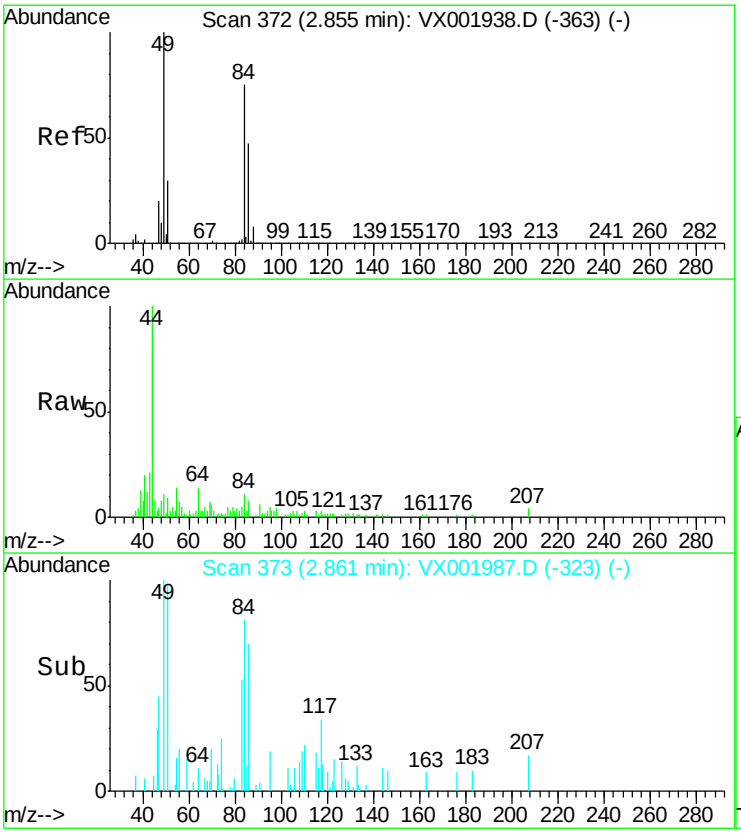
#19
Methyl tert-butyl Ether
Concen: 0.21 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 73 Resp: 2892

Ion	Ratio	Lower	Upper
73	100		
57	24.3	17.4	26.0

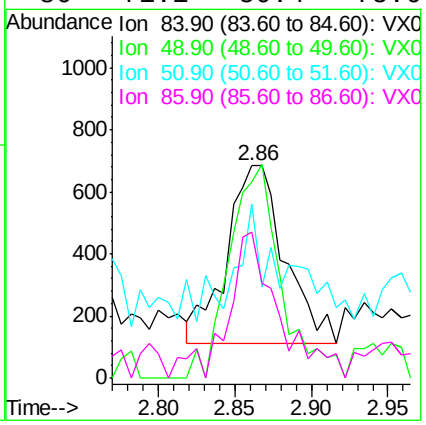


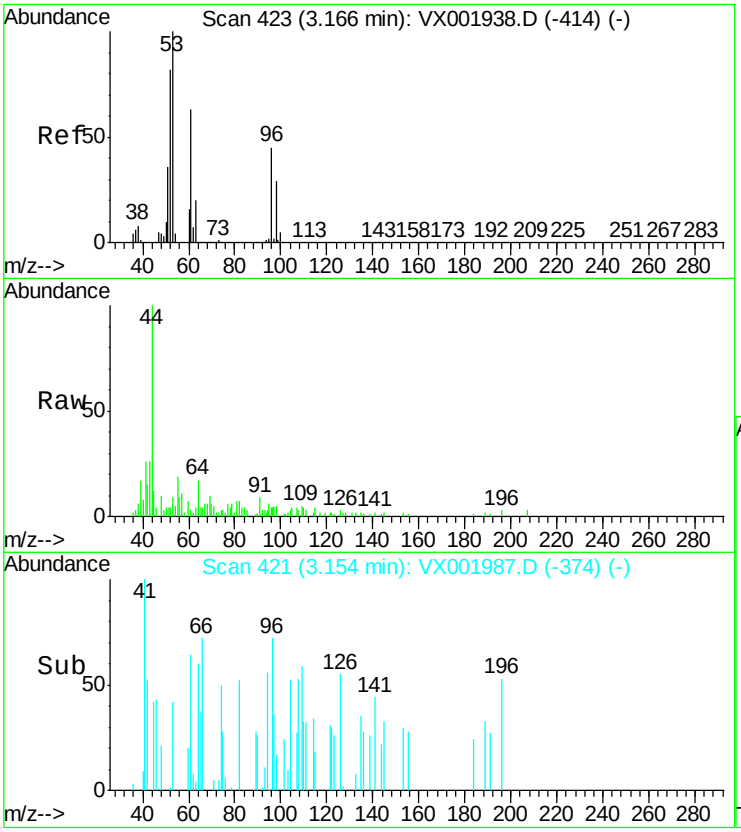


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 84 Resp: 1515

Ion	Ratio	Lower	Upper
84	100		
49	110.1	107.2	160.8
51	57.7	32.4	48.6#
86	71.1	50.4	75.6



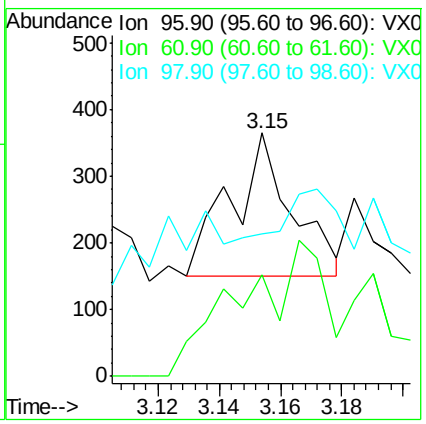


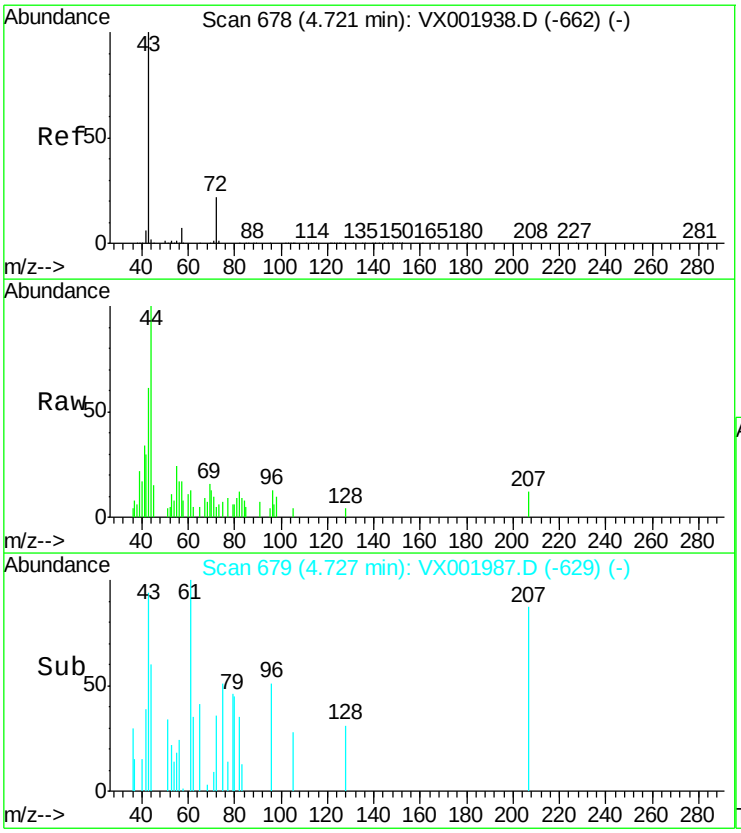
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 96 Resp: 298

Ion	Ratio	Lower	Upper
96	100		
61	46.0	113.3	169.9#
98	11.6	51.7	77.5#

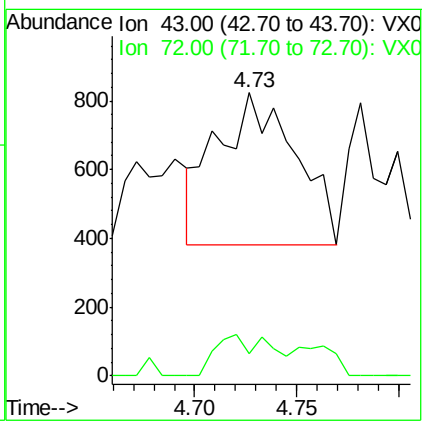


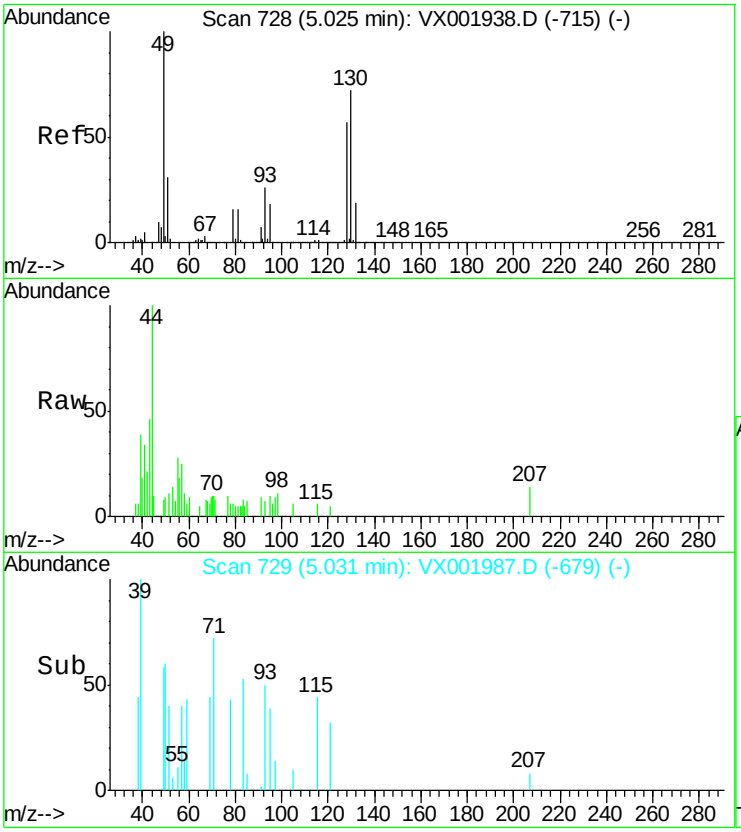


#25
2-Butanone
Concen: 0.30 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 43 Resp: 1180

Ion	Ratio	Lower	Upper
43	100		
72	14.5	17.9	26.9#



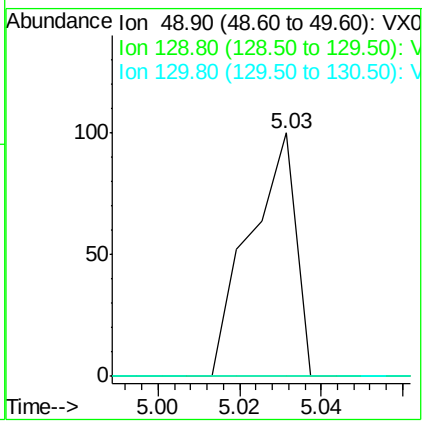


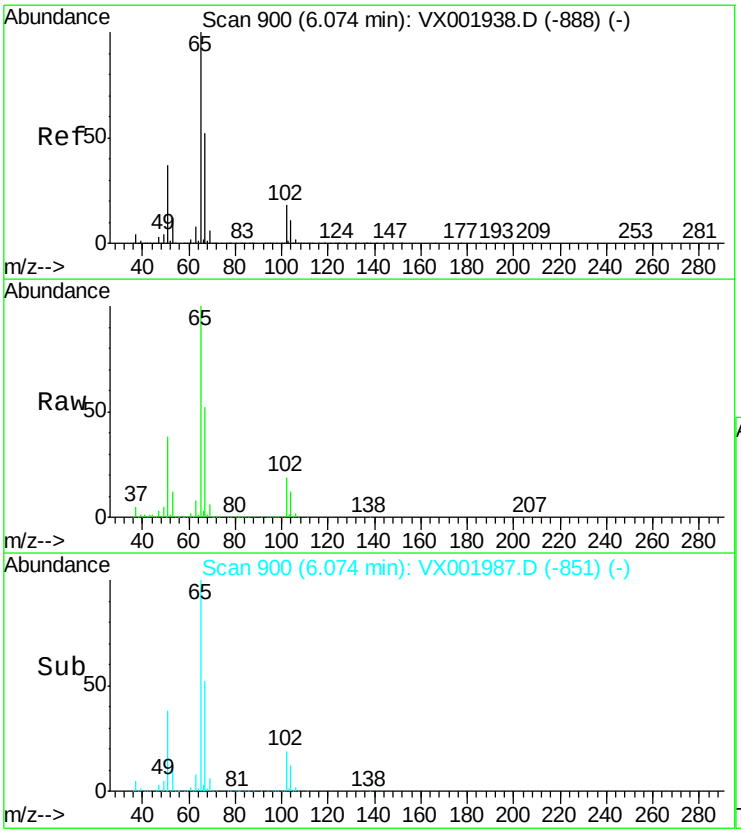
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 49 Resp: 79

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

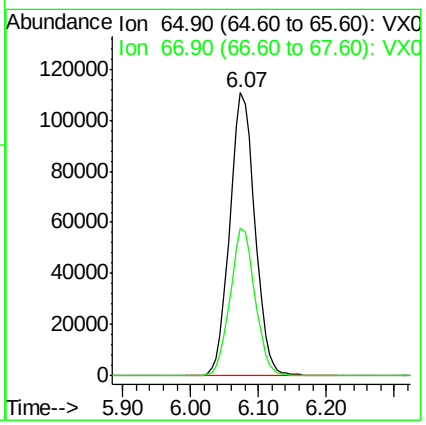


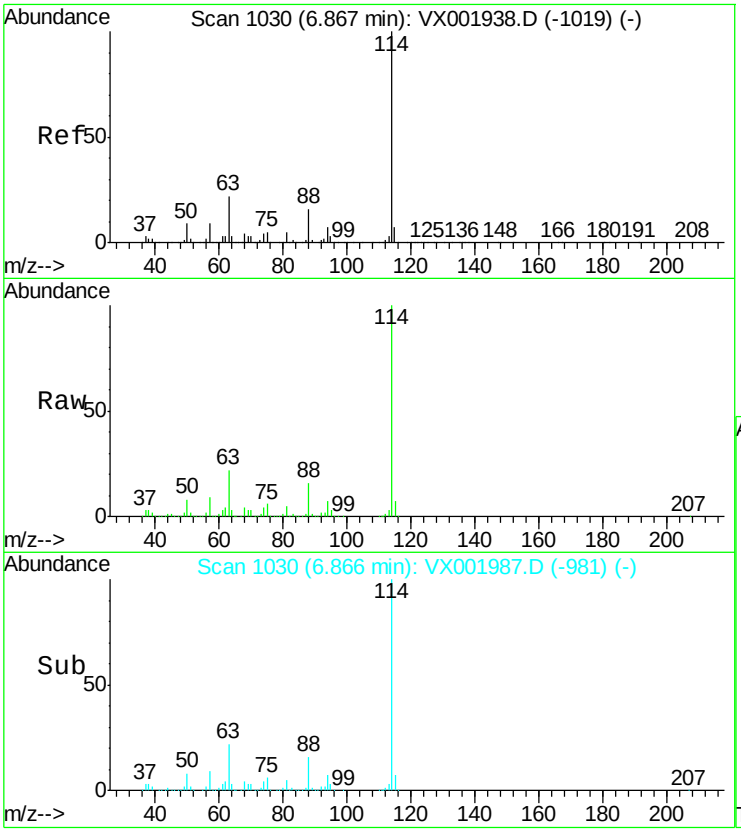


#33
1,2-Dichloroethane-d4
Concen: 51.35 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 65 Resp: 284975

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.0



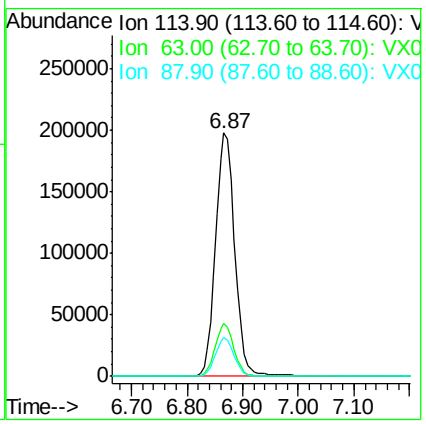


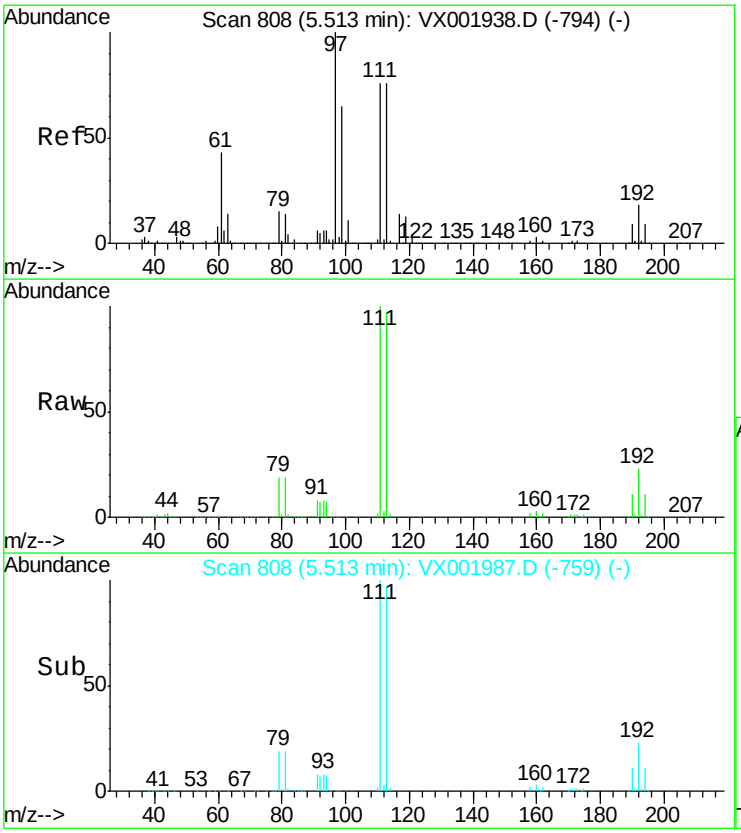
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:114 Resp: 474455

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.2
88	16.2	0.0	31.6

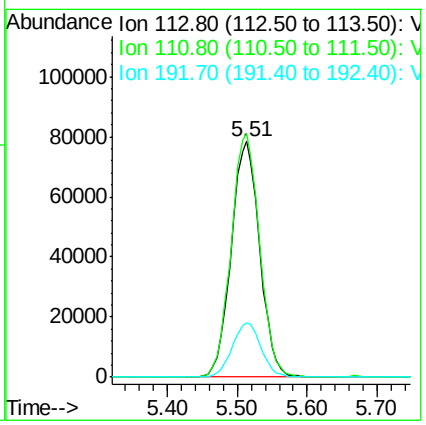


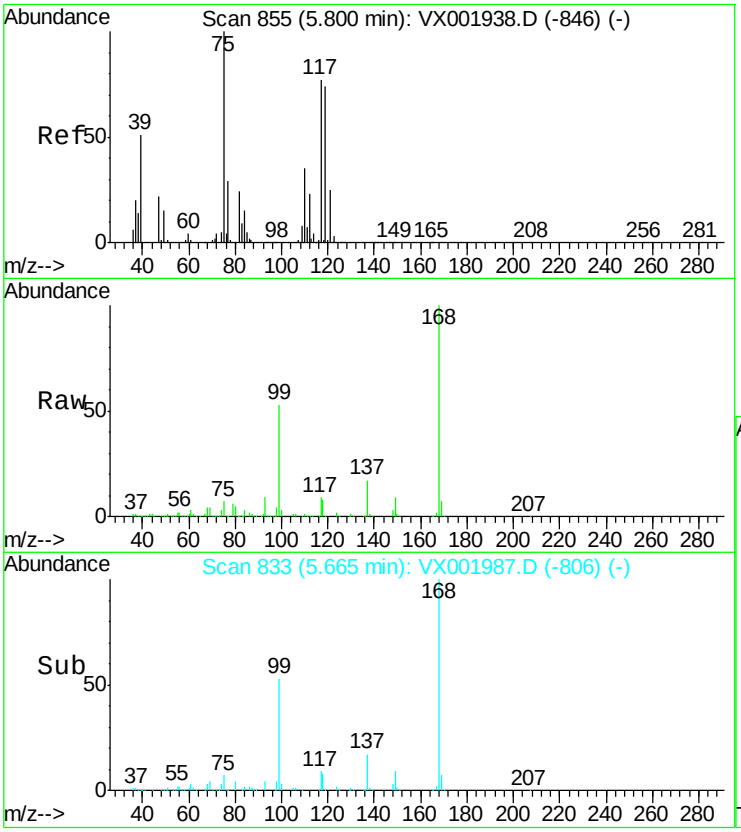


#35
Dibromofluoromethane
Concen: 46.70 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion:113 Resp: 221548

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.5	18.9	28.3



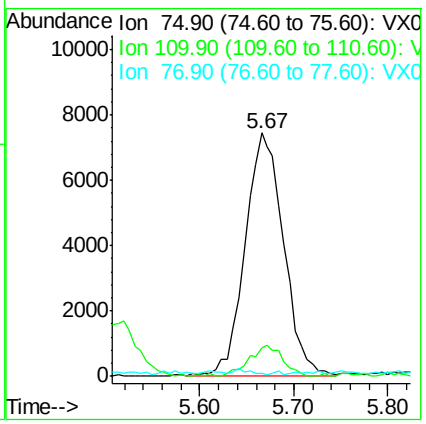


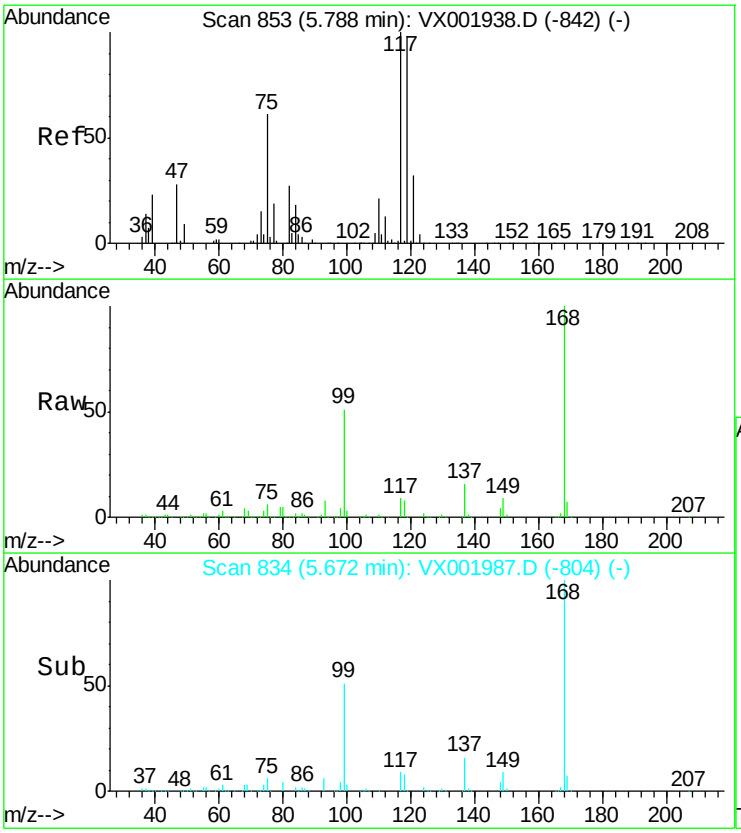
#36
1,1-Dichloropropene
Concen: 3.22 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 75 Resp: 21262

Ion	Ratio	Lower	Upper
75	100		
110	11.1	17.4	52.2#
77	0.2	24.4	36.6#

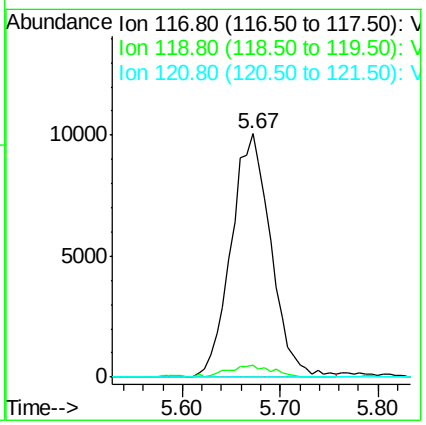


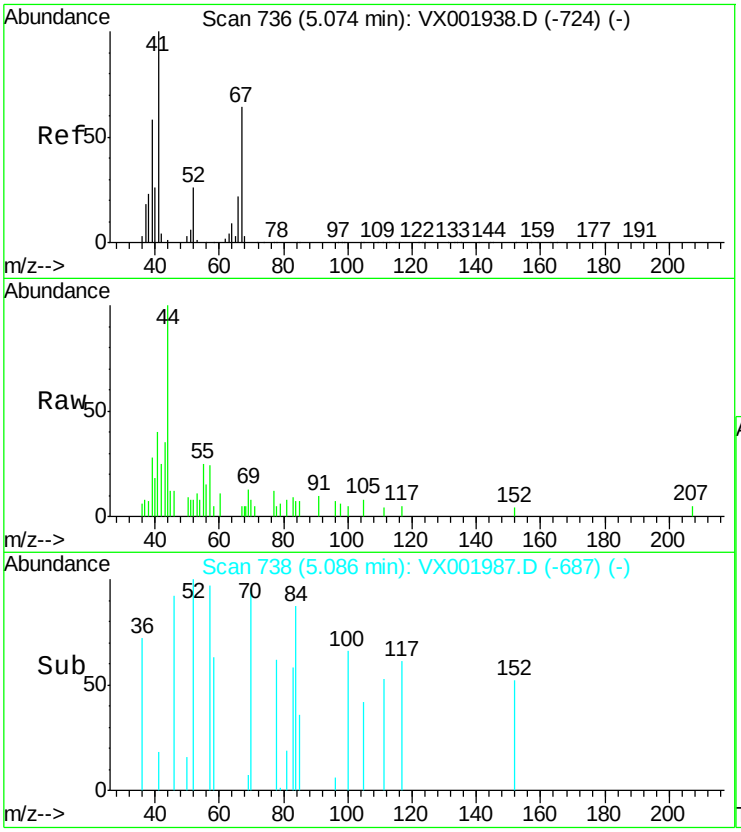


#38
Carbon Tetrachloride
Concen: 3.69 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion:117 Resp: 28410

Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.5	117.7#
121	0.0	25.5	38.3#



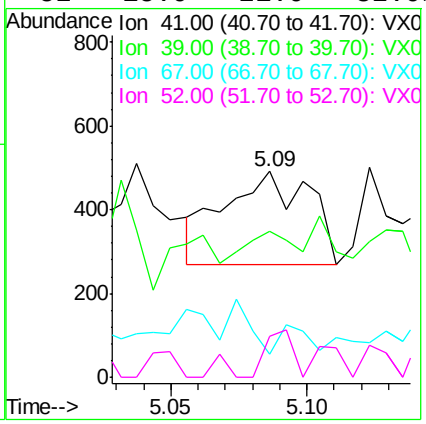


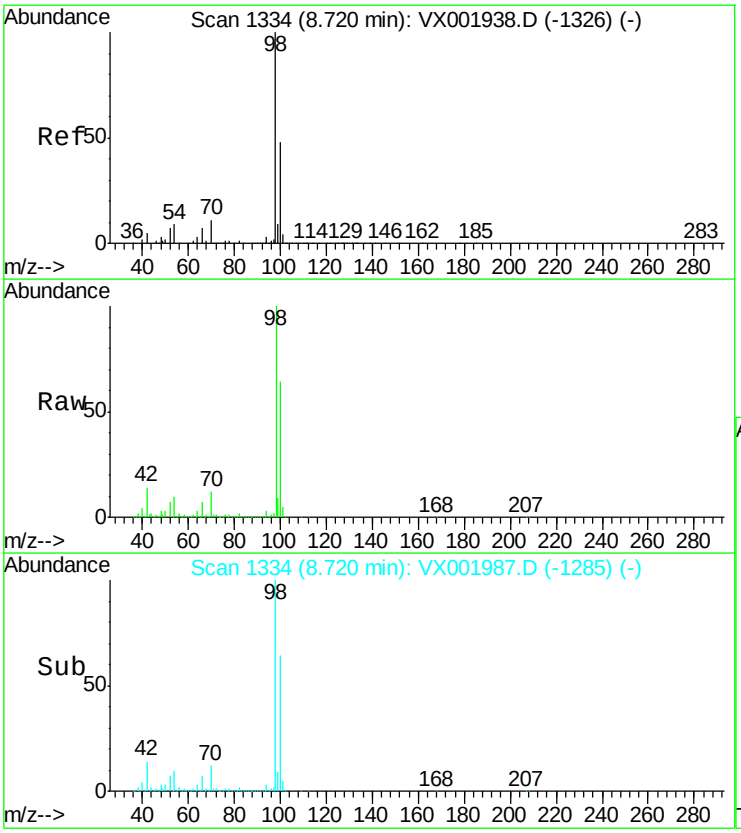
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 41 Resp: 483

Ion	Ratio	Lower	Upper
41	100		
39	18.8	46.0	69.0#
67	10.1	50.6	75.8#
52	15.9	21.9	32.9#

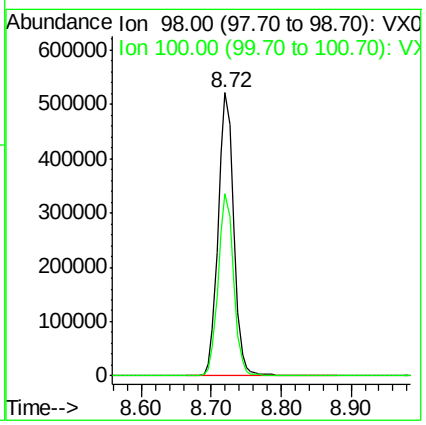


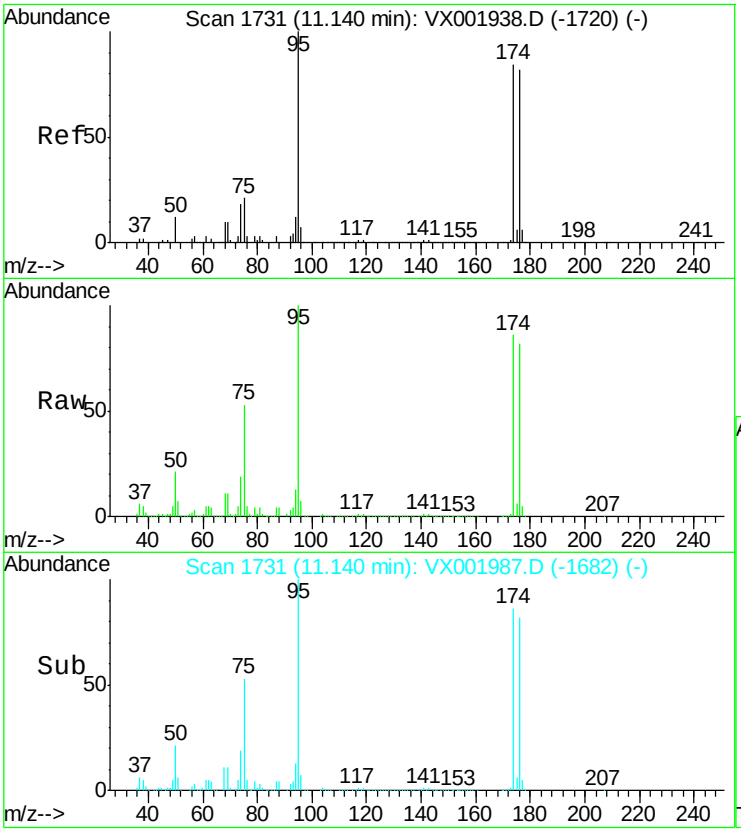


#50
Toluene-d8
Concen: 47.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 98 Resp: 807698

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3



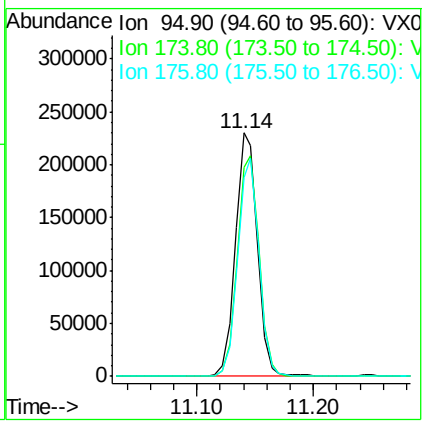


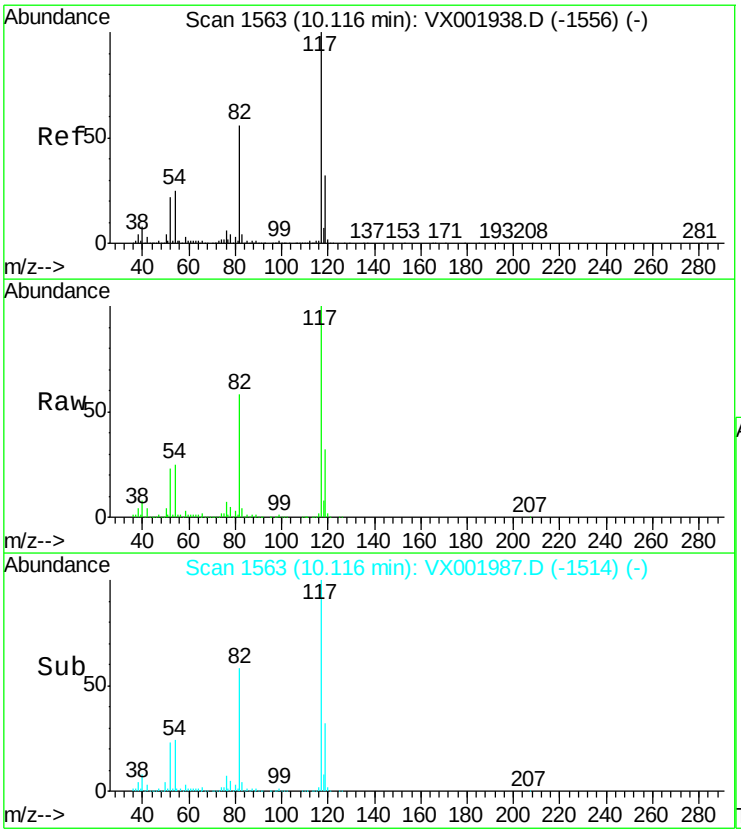
#62
4-Bromofluorobenzene
Concen: 44.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 95 Resp: 299821

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	178.8
176	87.6	0.0	175.6

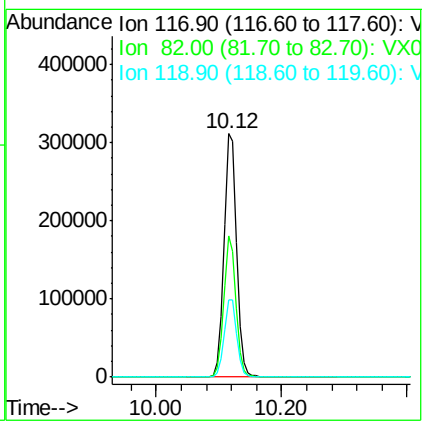


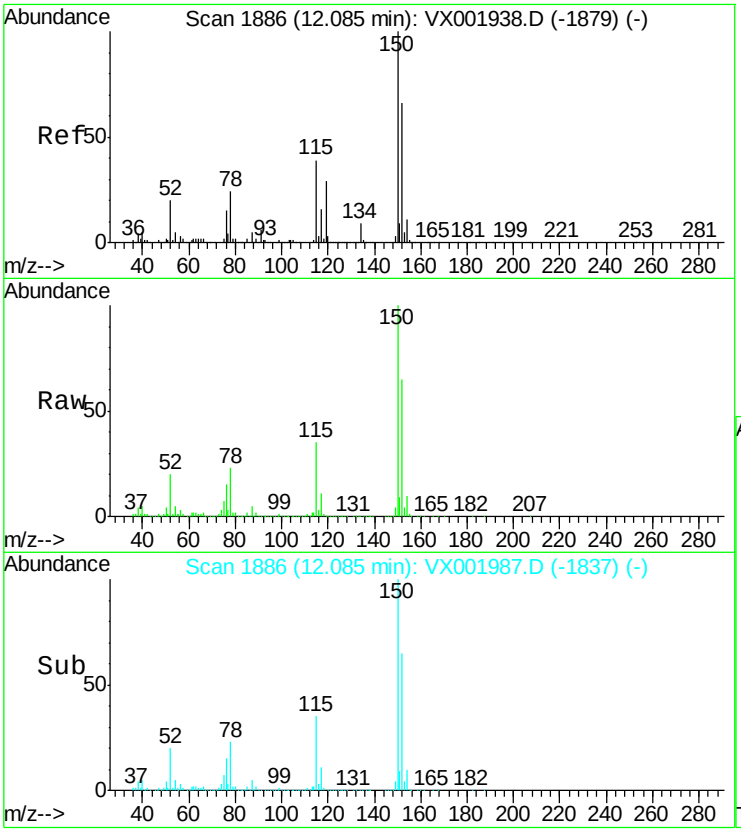


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion:117 Resp: 431677

Ion	Ratio	Lower	Upper
117	100		
82	57.8	44.8	67.2
119	31.7	25.5	38.3



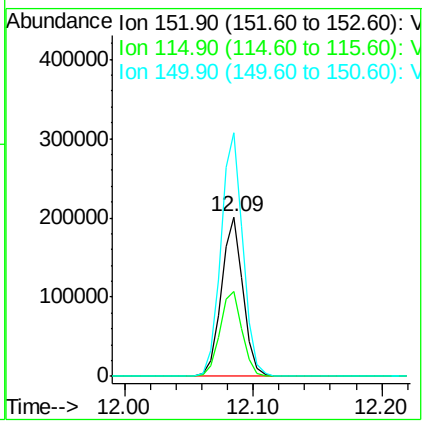


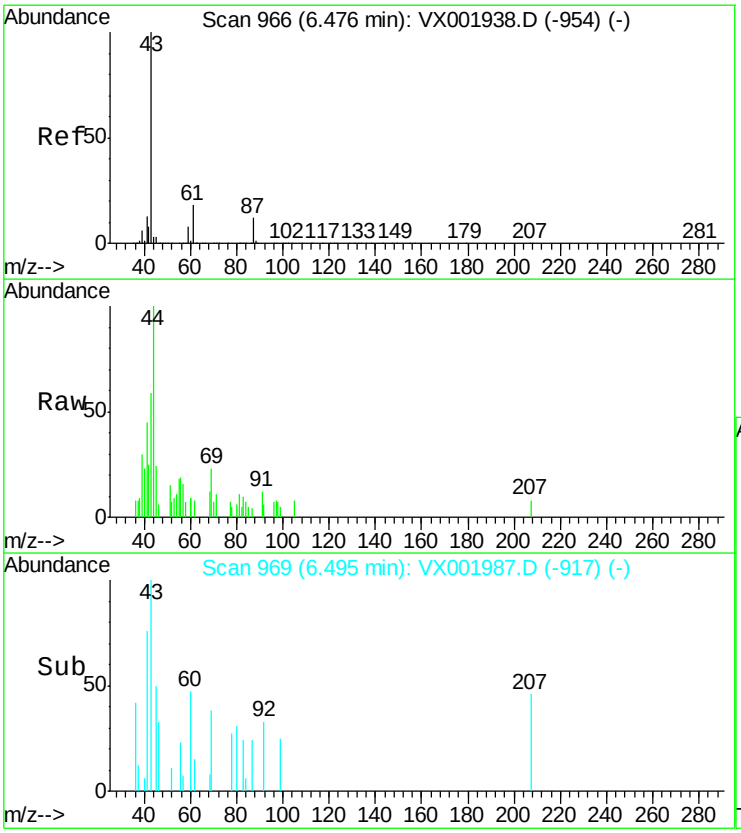
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:152 Resp: 236503

Ion	Ratio	Lower	Upper
152	100		
115	55.1	42.3	126.8
150	156.2	0.0	351.0

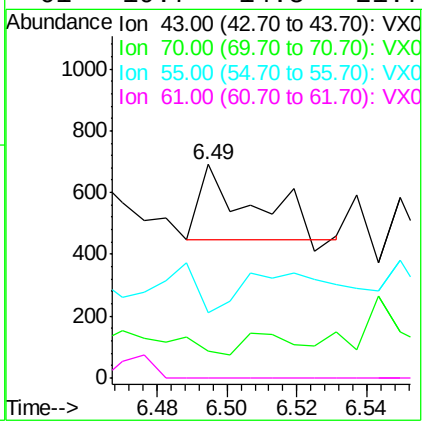


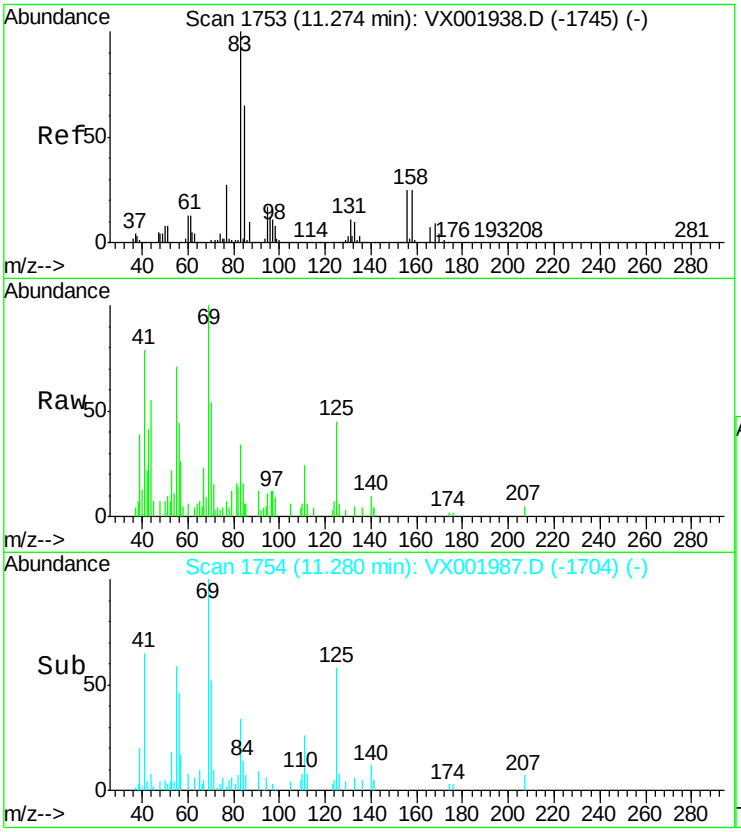


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 43 Resp: 239

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	51.5	0.1	0.1#
61	19.7	14.5	21.7



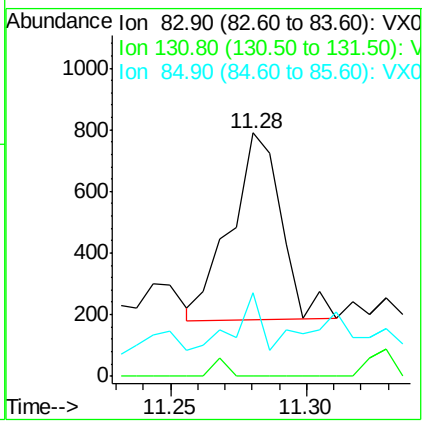


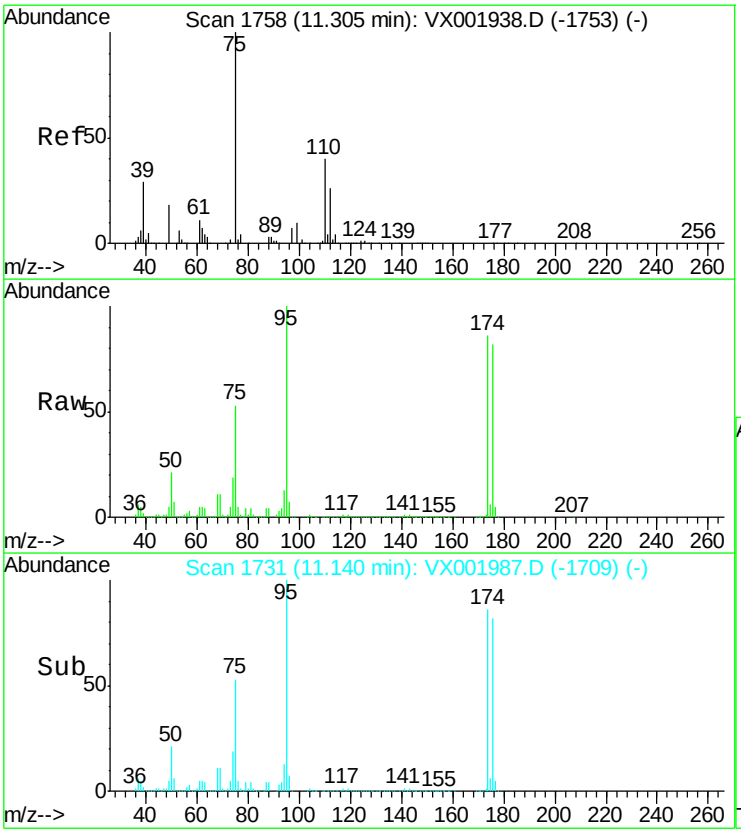
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.28 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion: 83 Resp: 786

Ion	Ratio	Lower	Upper
83	100		
131	2.7	5.7	17.0#
85	17.3	32.6	97.7#

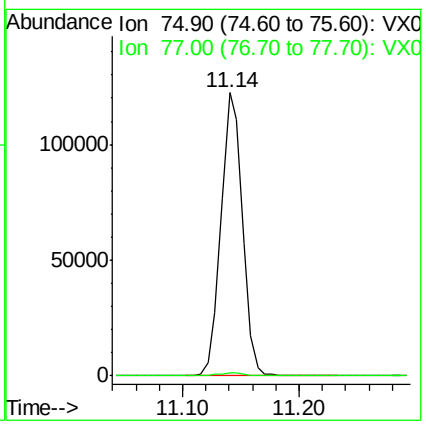


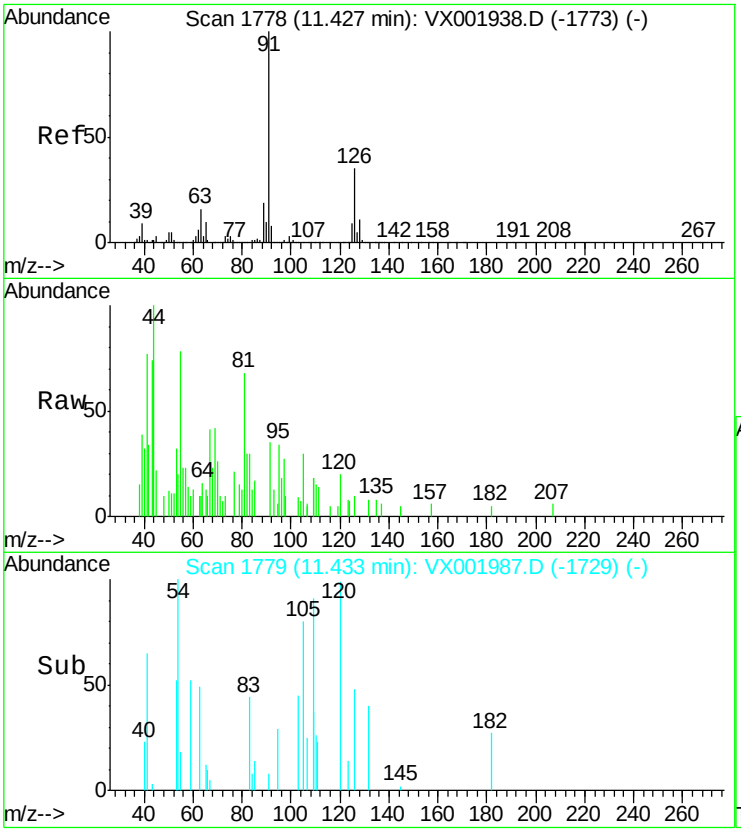


#76
1,2,3-Trichloropropane
Concen: 27.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 75 Resp: 155698

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



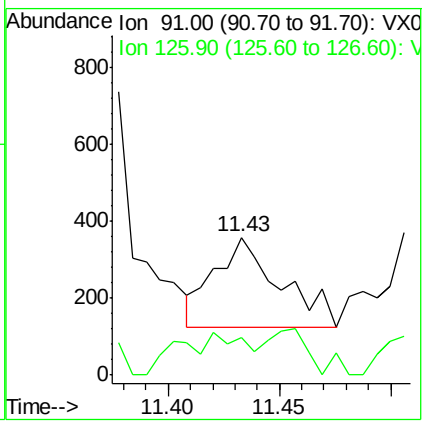


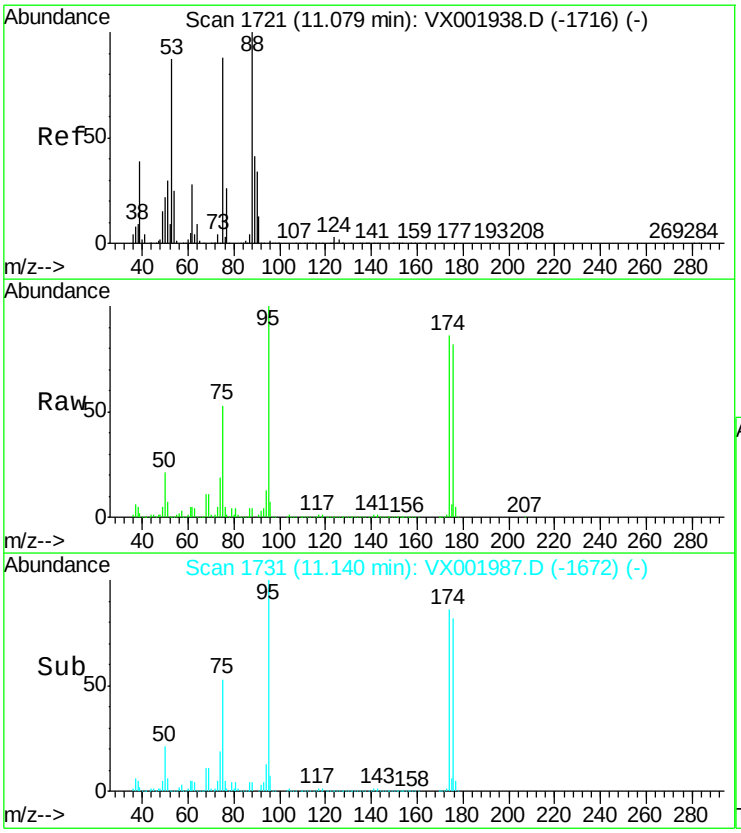
#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.43 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Instrument : MSVOA_X
ClientSampleId : MW-29

Tgt Ion: 91 Resp: 473

Ion	Ratio	Lower	Upper
91	100		
126	27.1	17.4	52.2





#81
trans-1,4-Dichloro-2-butene
Concen: 65.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001987.D
Acq: 25 May 2018 19:43

Tgt Ion: 75 Resp: 155698

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.0	117.0#
89	0.0	39.4	59.2#