Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
Data File : VX013288.D
Acq On : 30 Oct 2019 16:22
Operator : JC/SP
Sample : K5602-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 31 01:41:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	69111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	98886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	97729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	65145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	74432	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.98%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	8.71	98	194337	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.12%			
62) 4-Bromofluorobenzene	11.14	95	74528	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.16%			
Target Compounds						Qvalue
3) Chloromethane	1.50	50	20	0.994	ug/l #	40
5) Bromomethane	1.64	94	159	0.239	ug/l	98
6) Chloroethane	1.61	64	45	Below Cal	#	43
7) Trichlorofluoromethane	1.94	101	66	0.332	ug/l #	17
10) Methyl Iodide	2.51	142	306	3.724	ug/l #	40
11) Tert butyl alcohol	3.03	59	77	Below Cal	#	72
13) Acrolein	2.28	56	159	0.938	ug/l #	31
16) Acetone	2.43	43	8707	12.786	ug/l	98
17) Carbon Disulfide	2.56	76	1706	0.539	ug/l #	93
18) Methyl Acetate	2.77	43	226	1.118	ug/l #	49
20) Methylene Chloride	2.85	84	2511	2.249	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	65	0.529	ug/l #	1
25) 2-Butanone	4.68	43	1729	1.893	ug/l #	87
31) Cyclohexane	5.65	56	1306	0.699	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	5308	3.135	ug/l #	50
38) Carbon Tetrachloride	5.65	117	7341	4.016	ug/l #	13
64) Tetrachloroethene	9.34	164	83	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	36099	22.991	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	36099	63.179	ug/l #	10

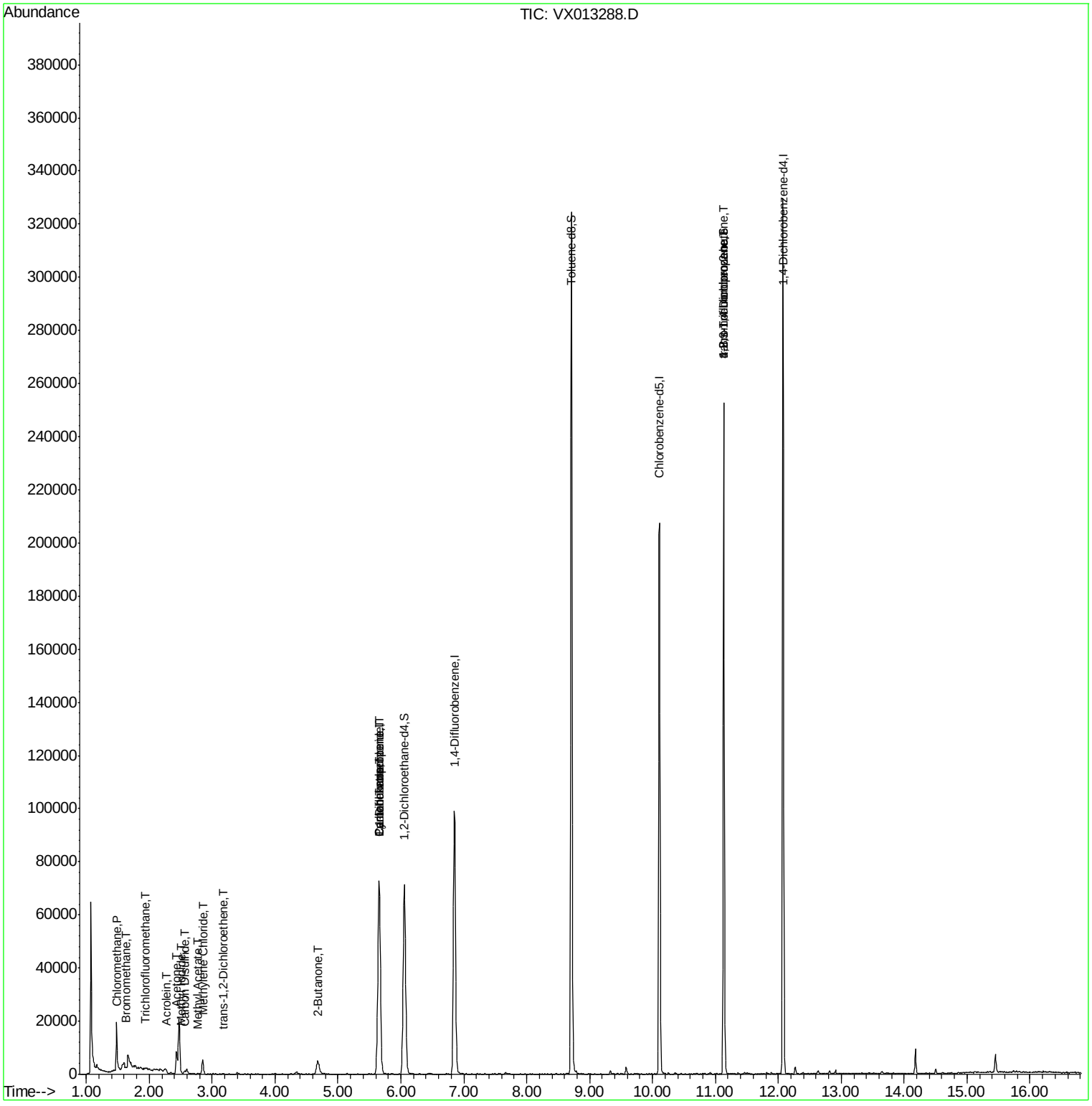
(#) = qualifier out of range (m) = manual integration (+) = signals summed

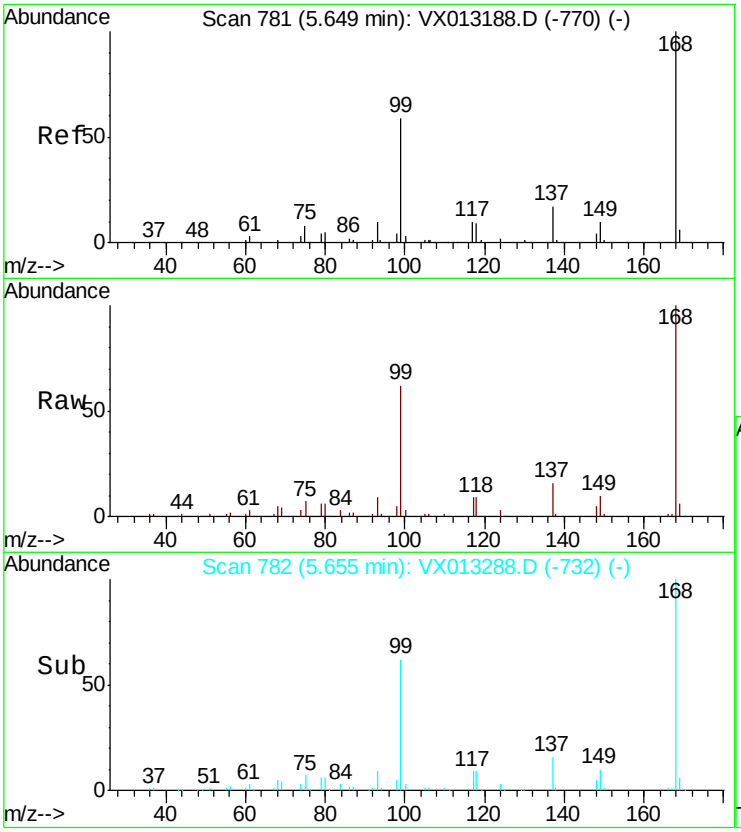
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103019\
Data File : VX013288.D
Acq On : 30 Oct 2019 16:22
Operator : JC/SP
Sample : K5602-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 31 01:41:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration



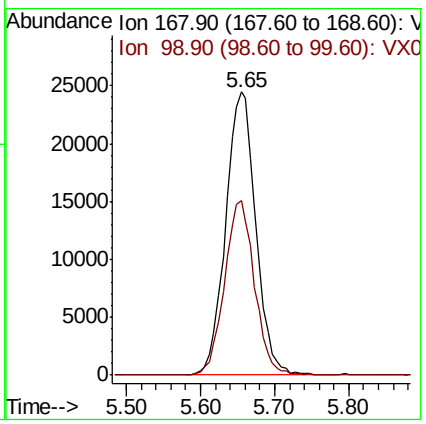


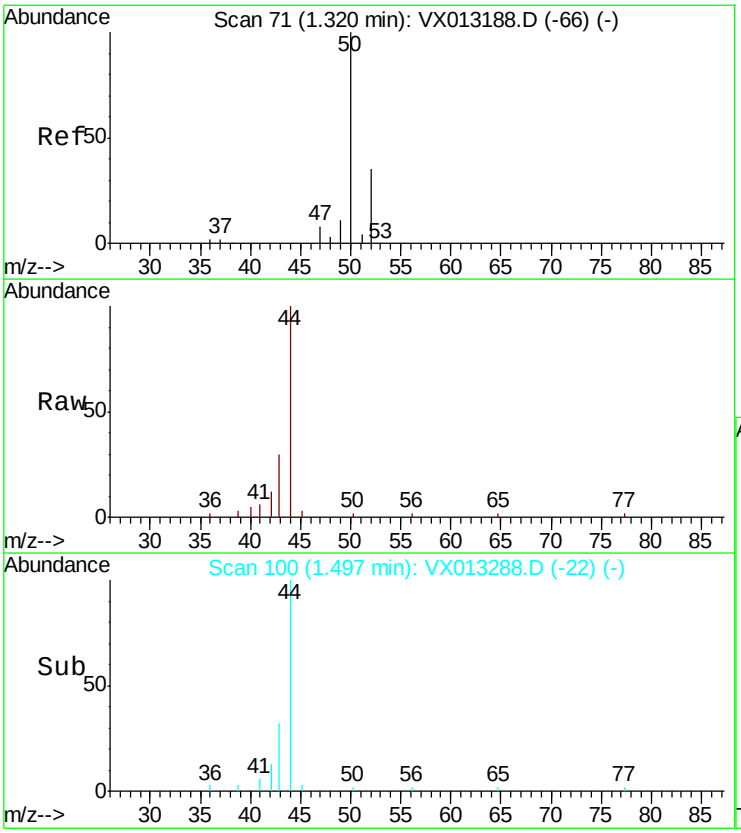
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 69111

Ion	Ratio	Lower	Upper
168	100		
99	61.9	47.0	70.4

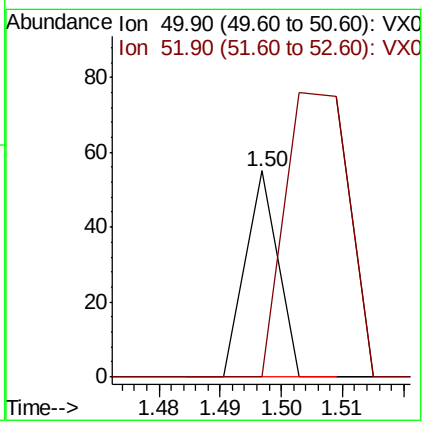


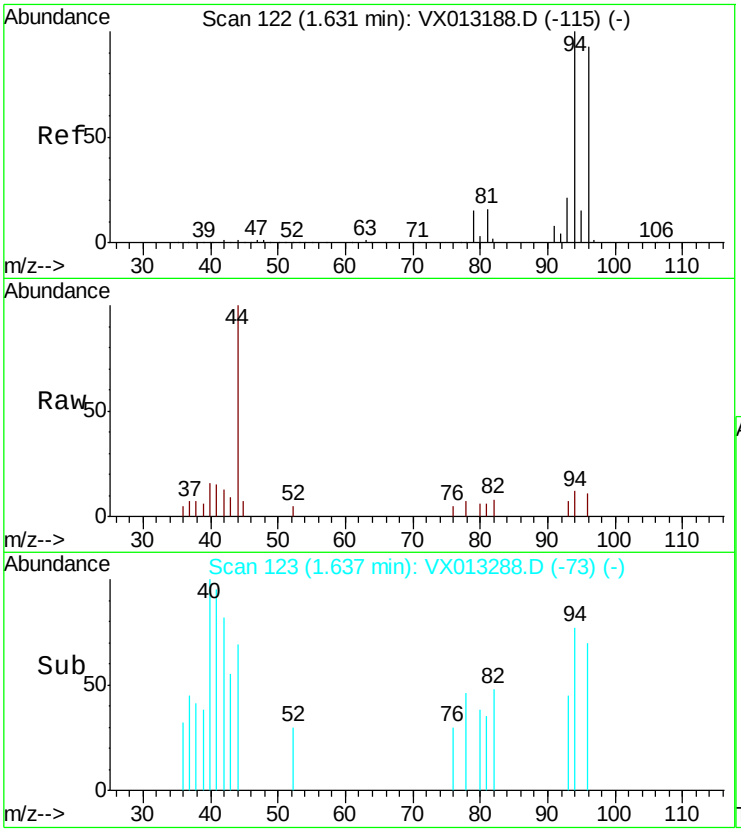


#3
Chloromethane
Concen: 0.994 ug/l
RT: 1.50 min Scan# 100
Delta R.T. 0.18 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 50 Resp: 20

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.8	41.6#



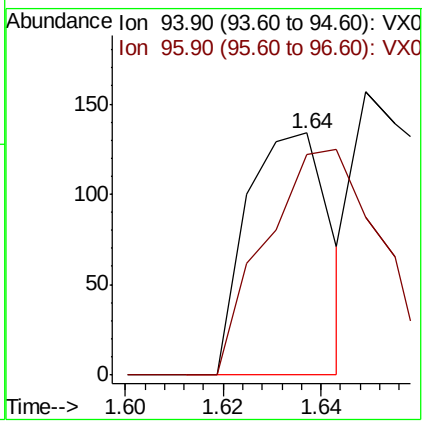


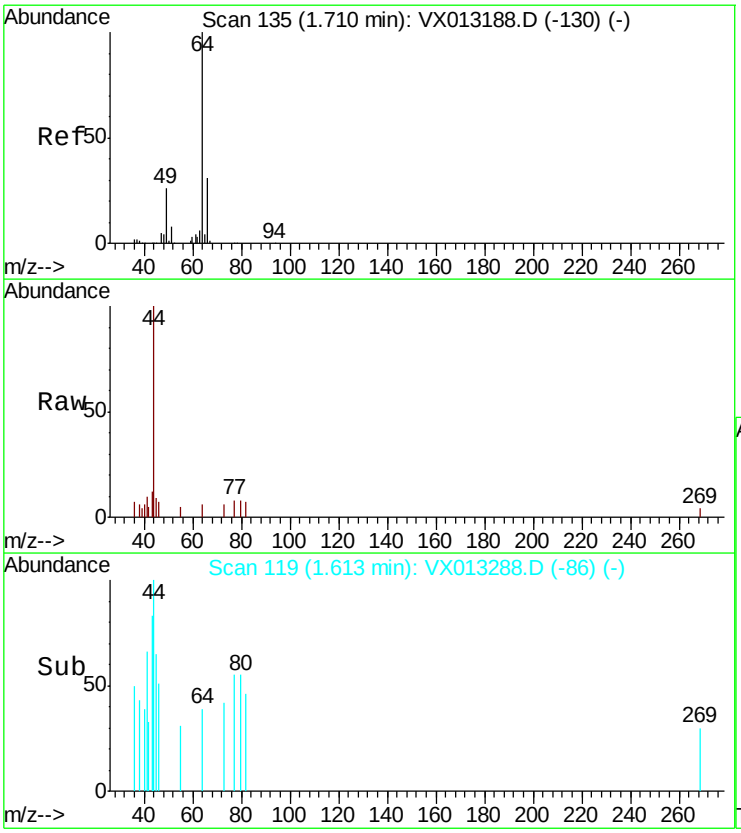
#5
Bromomethane
Concen: 0.239 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 159

Ion	Ratio	Lower	Upper
94	100		
96	91.0	74.2	111.2

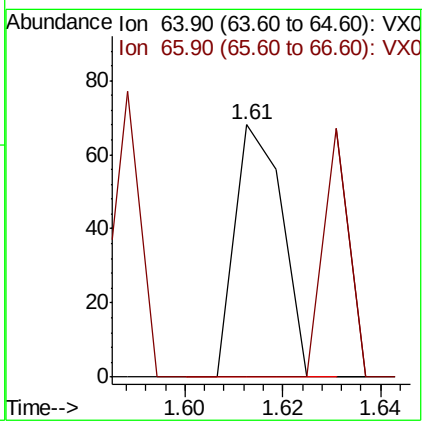


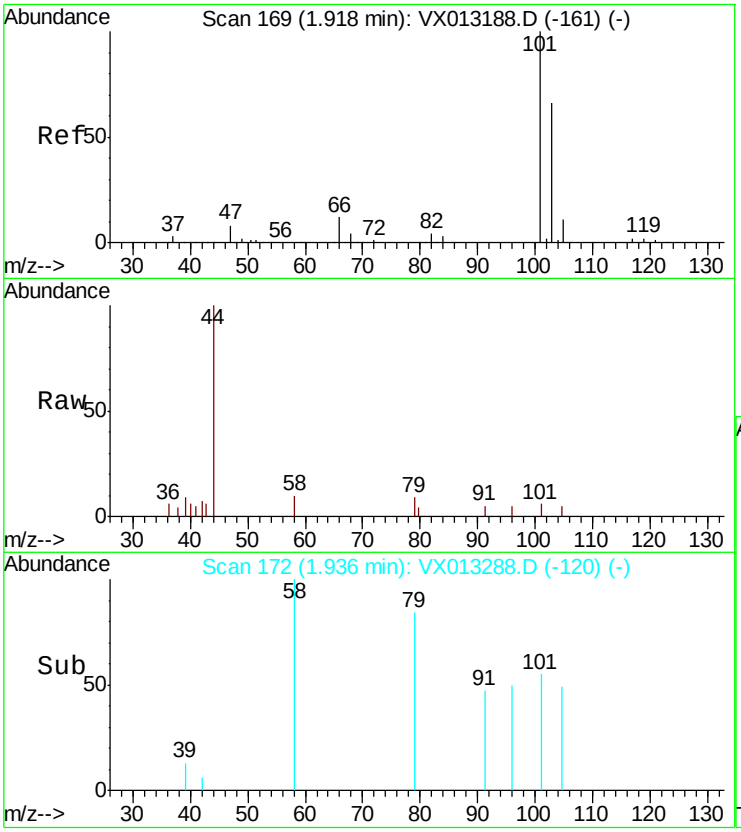


#6
Chloroethane
Concen: Below Cal
RT: 1.61 min Scan# 119
Delta R.T. -0.10 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 64 Resp: 45

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#



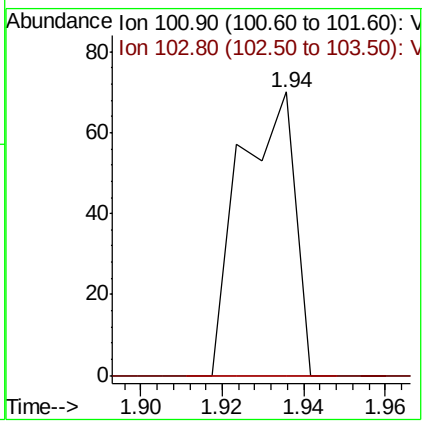


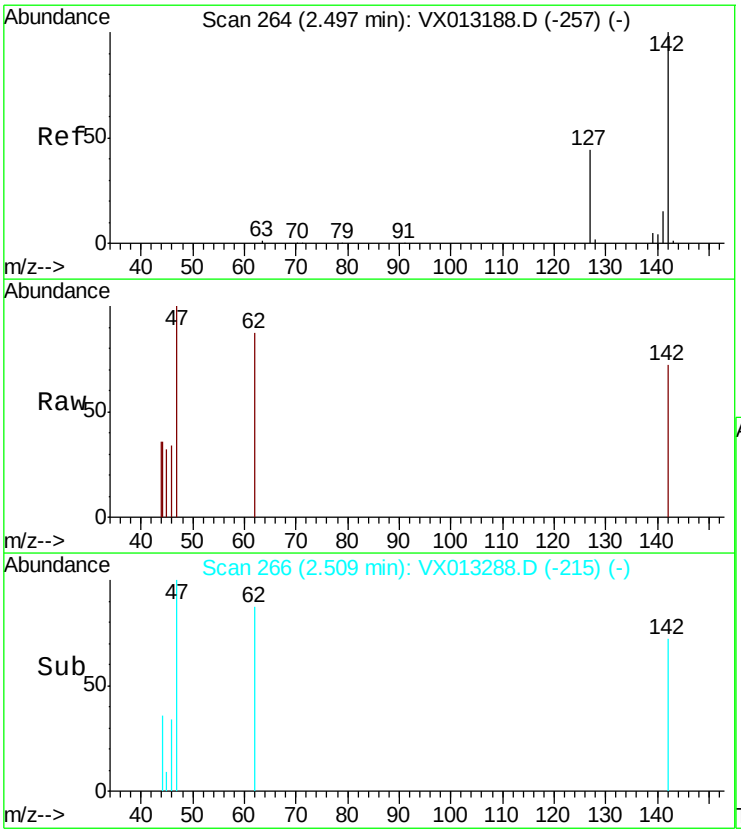
#7
Trichlorofluoromethane
Concen: 0.332 ug/l
RT: 1.94 min Scan# 172
Delta R.T. 0.02 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 66

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.0	79.6#

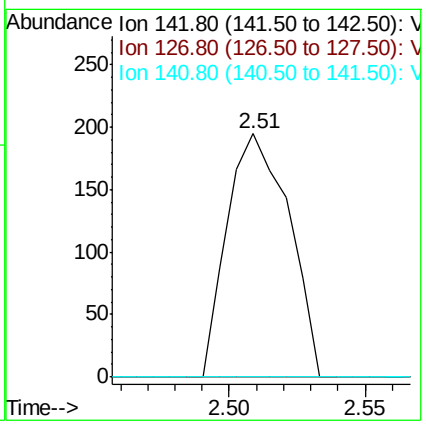


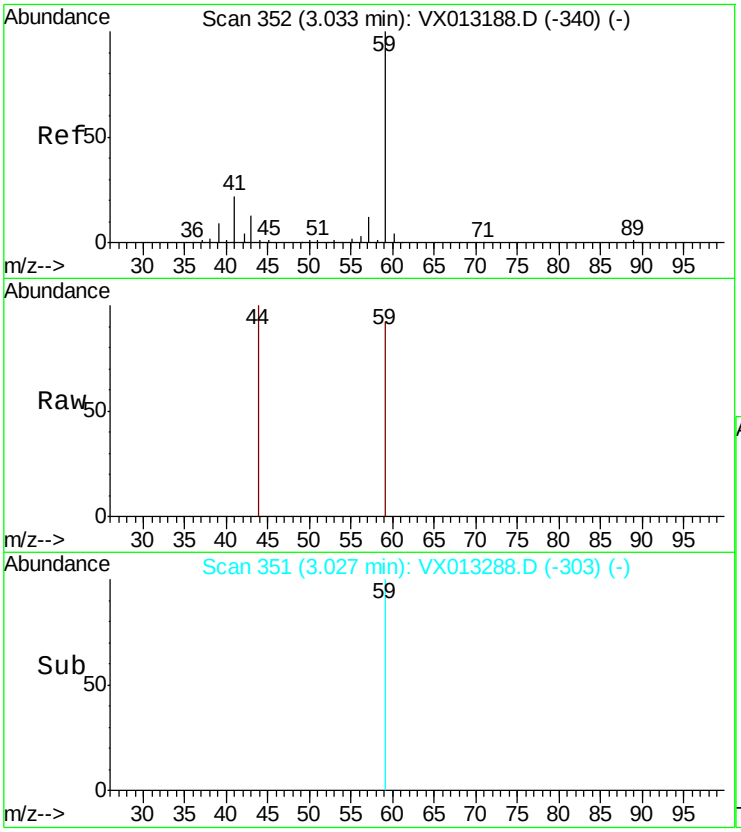


#10
Methyl Iodide
Concen: 3.724 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion:142 Resp: 306

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.6	53.4#
141	0.0	11.6	17.4#



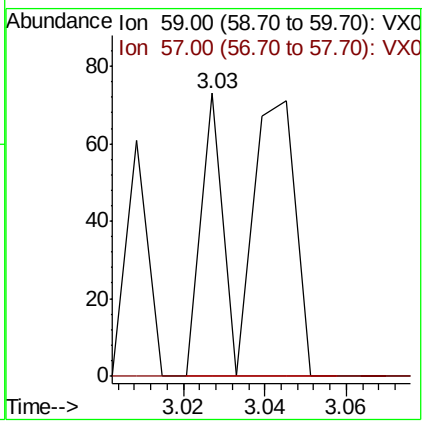


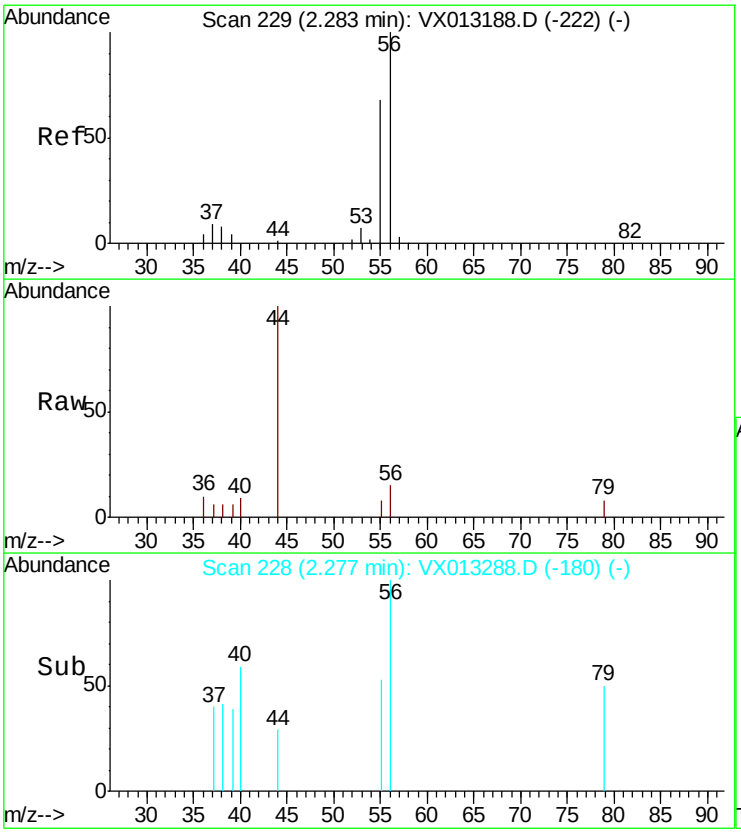
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 77

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

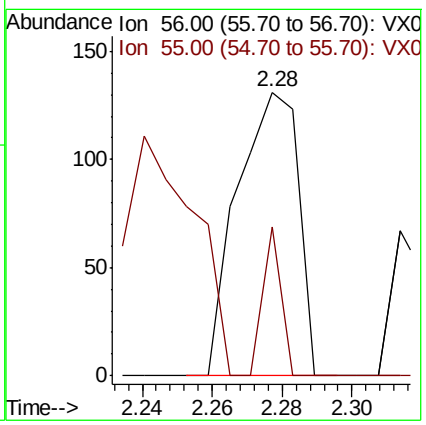


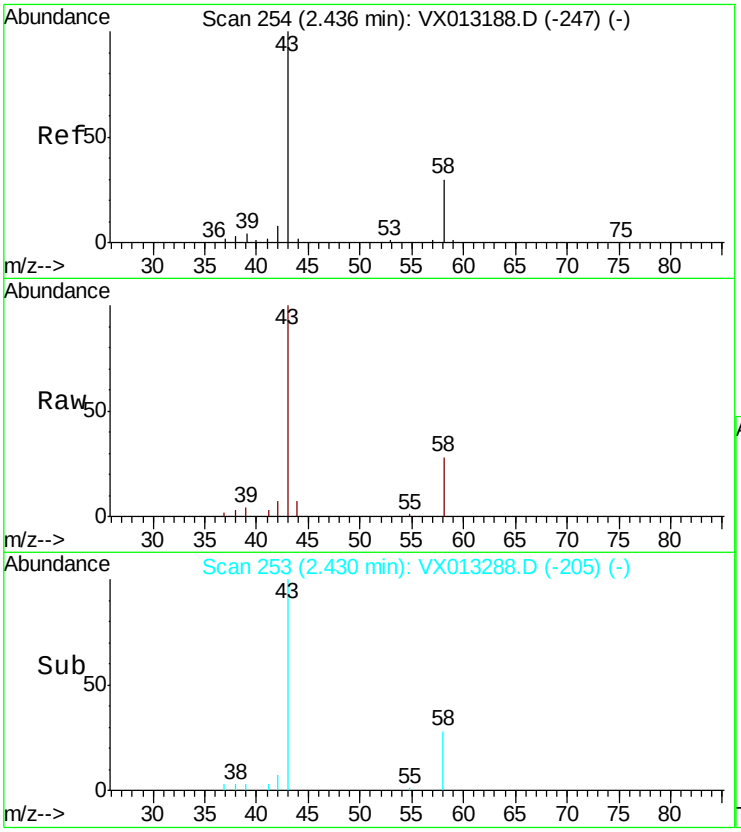


#13
Acrolein
Concen: 0.938 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 56 Resp: 159

Ion	Ratio	Lower	Upper
56	100		
55	15.7	58.9	88.3#



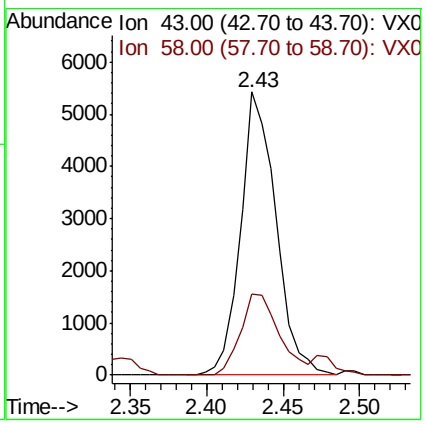


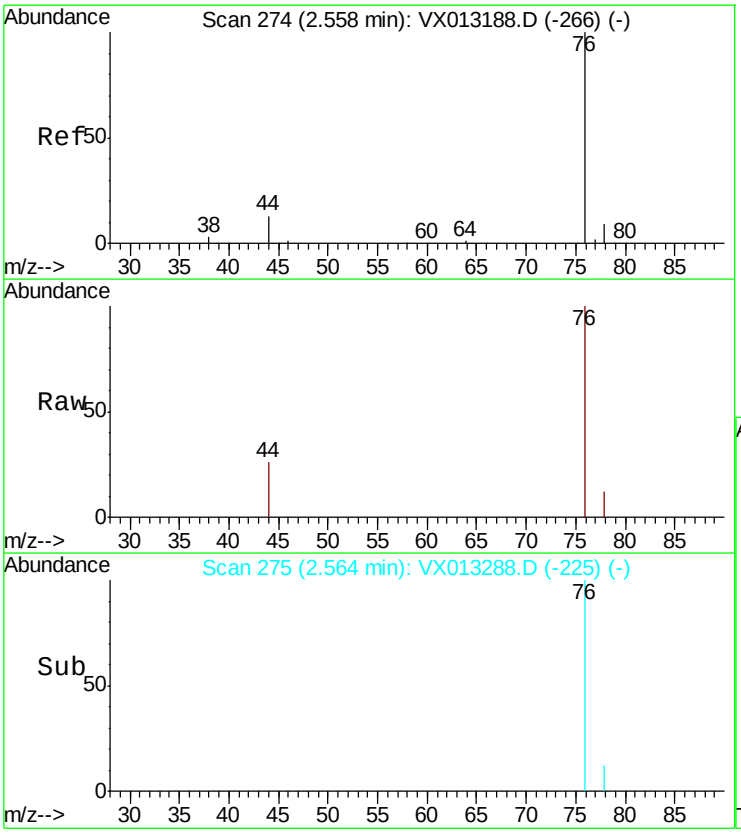
#16
Acetone
Concen: 12.786 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8707

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.8	35.6

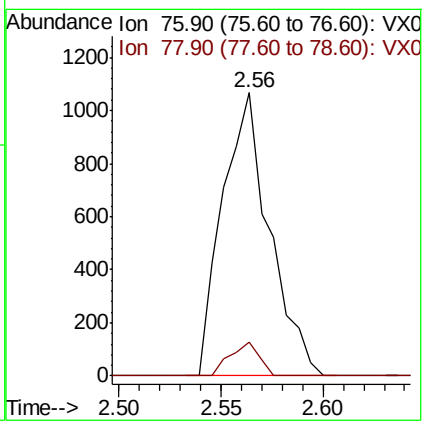


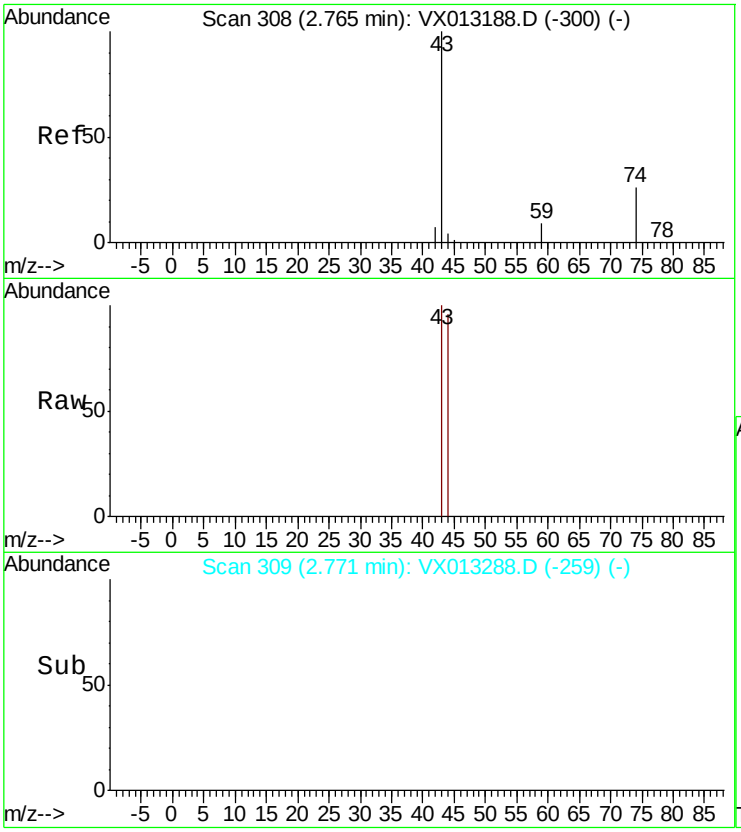


#17
Carbon Disulfide
Concen: 0.539 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 76 Resp: 1706

Ion	Ratio	Lower	Upper
76	100		
78	11.7	7.4	11.2#



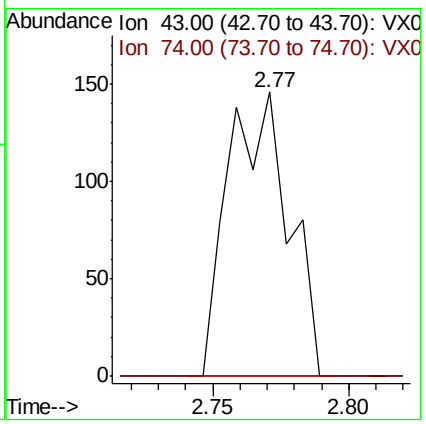


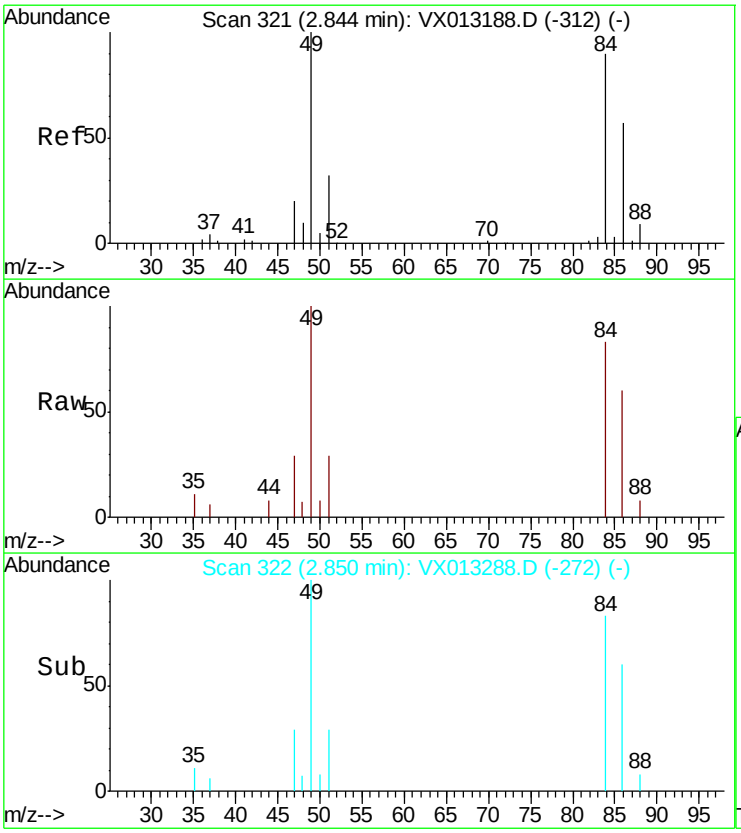
#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 2.77 min Scan# 309
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 226

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.9	31.3#

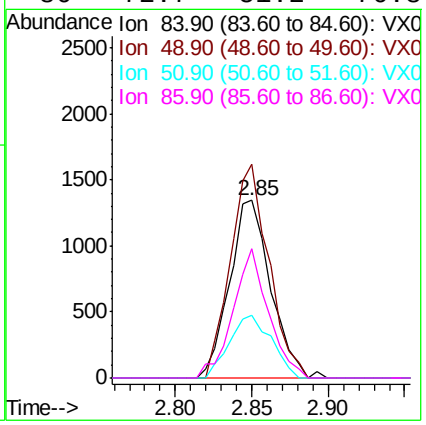


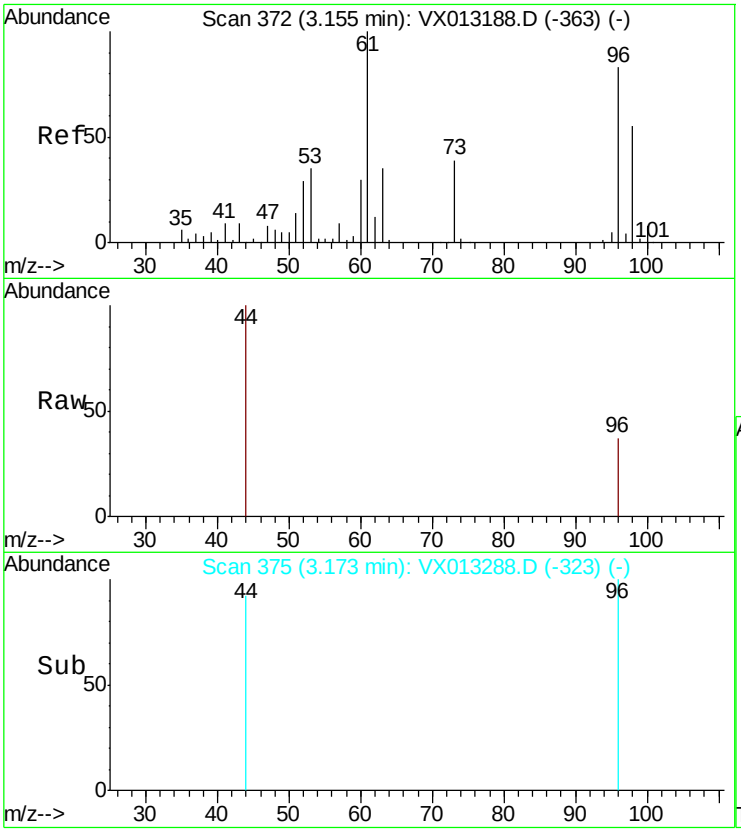


#20
Methylene Chloride
Concen: 2.249 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 84 Resp: 2511

Ion	Ratio	Lower	Upper
84	100		
49	120.4	89.2	133.8
51	35.3	28.8	43.2
86	72.7	51.2	76.8



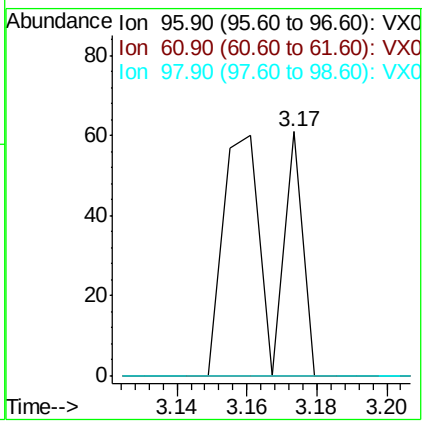


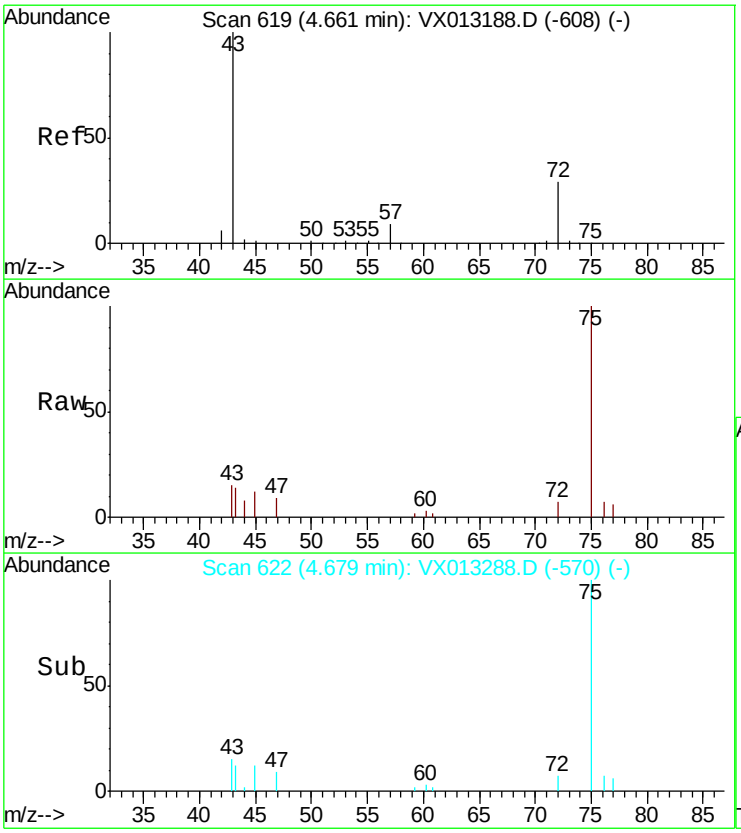
#21
trans-1,2-Dichloroethene
Concen: 0.529 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.02 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 65

Ion	Ratio	Lower	Upper
96	100		
61	0.0	96.9	145.3#
98	0.0	53.0	79.4#

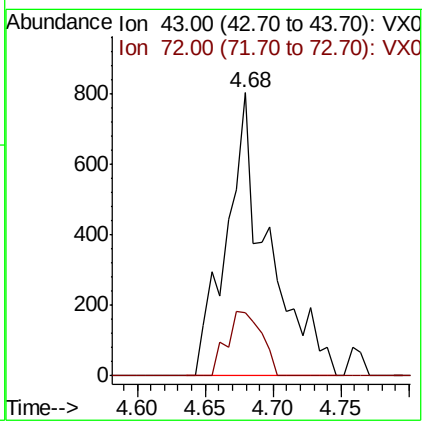


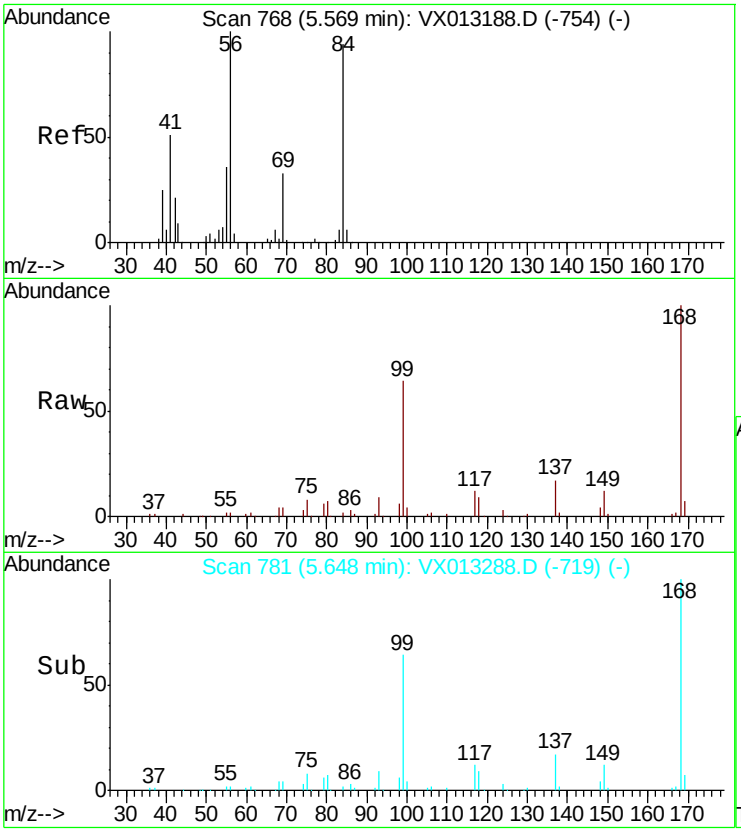


#25
2-Butanone
Concen: 1.893 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 43 Resp: 1729

Ion	Ratio	Lower	Upper
43	100		
72	22.5	23.4	35.2#



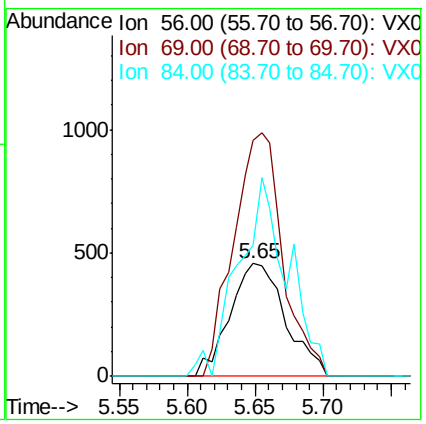


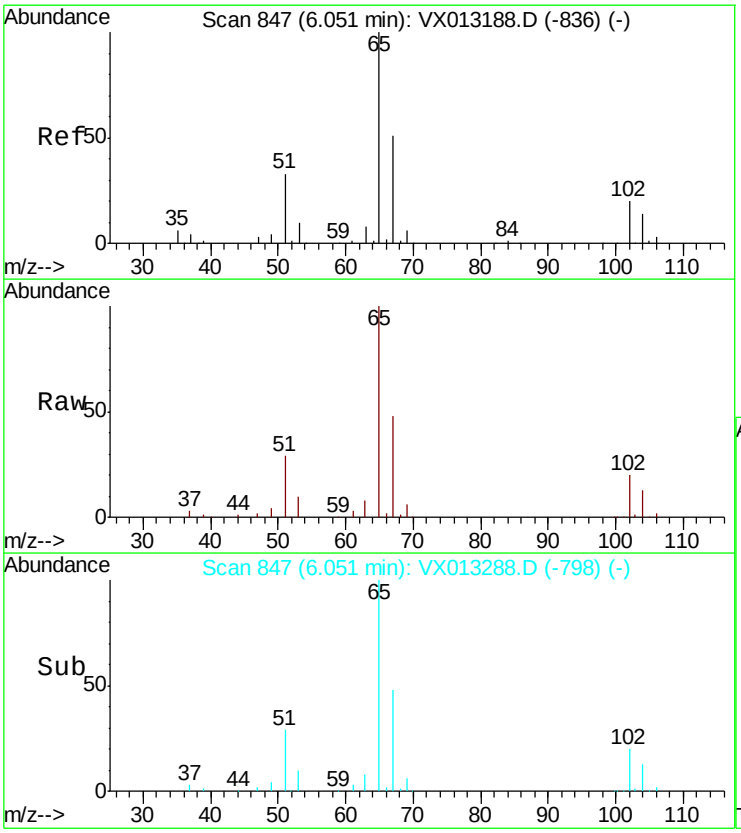
#31
Cyclohexane
Concen: 0.699 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 1306

Ion	Ratio	Lower	Upper
56	100		
69	209.8	26.3	39.5#
84	116.6	73.8	110.6#

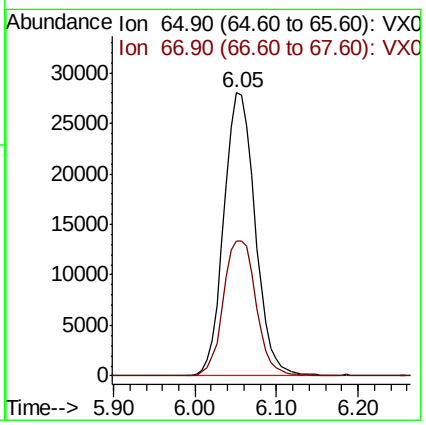


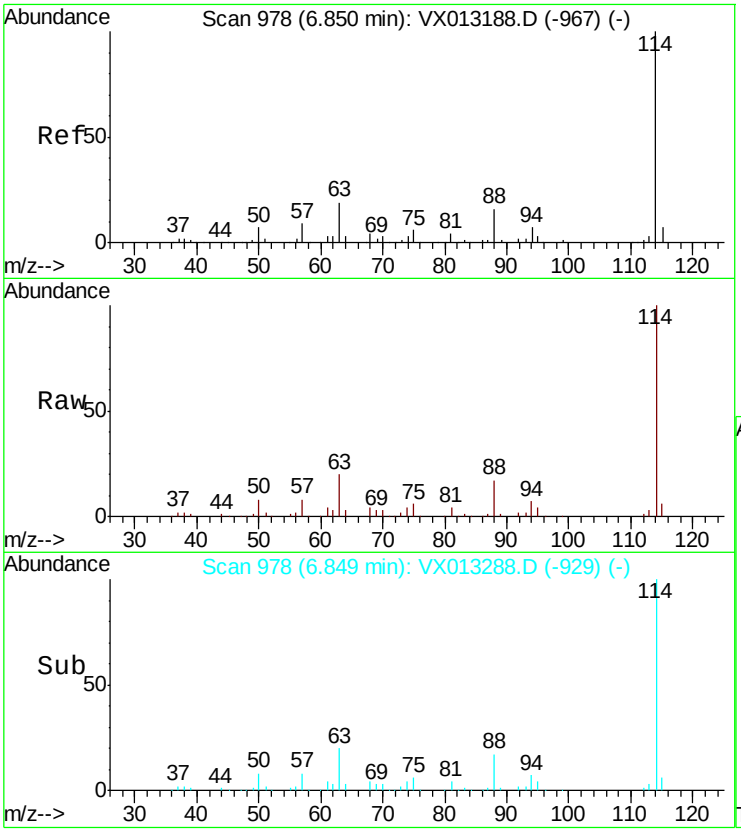


#33
1,2-Dichloroethane-d4
Concen: 51.492 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 65 Resp: 74432

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.6



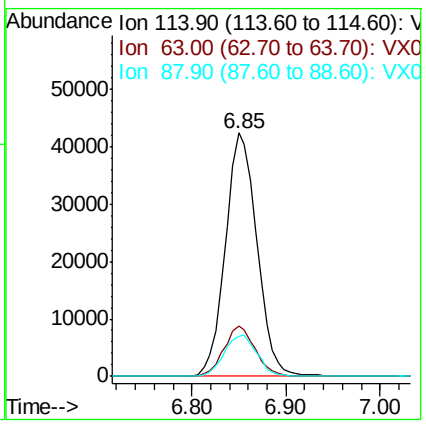


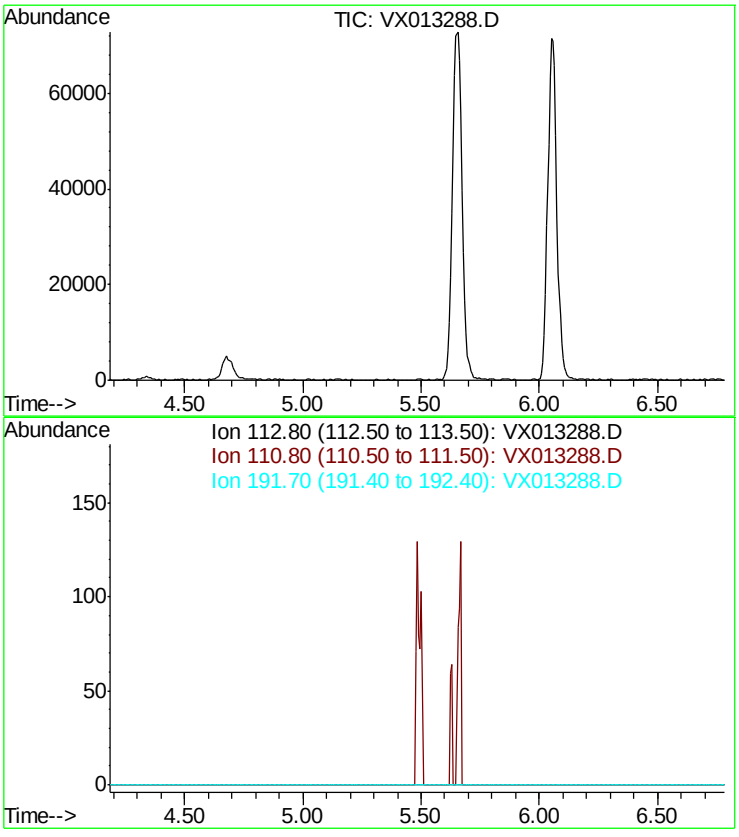
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 98886

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	16.6	0.0	32.0



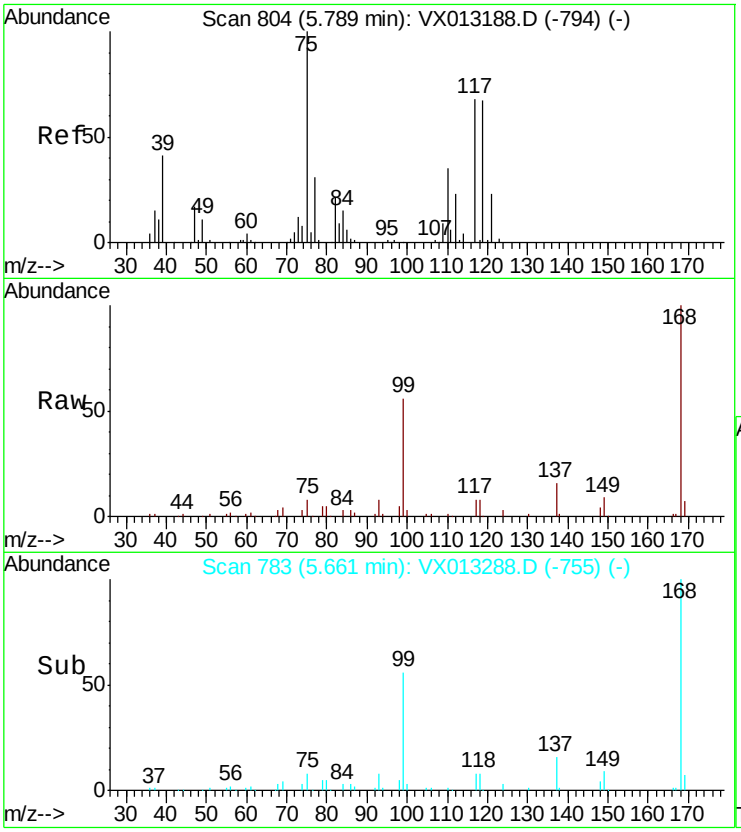


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.48 min

Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	100.4
192	19.9

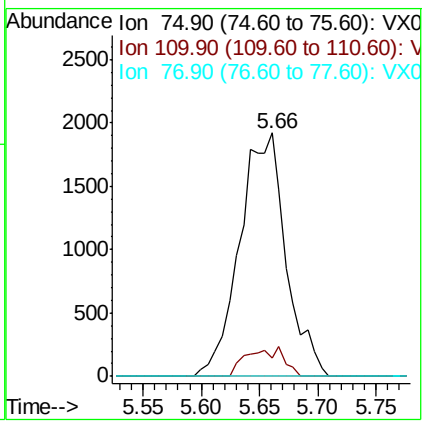


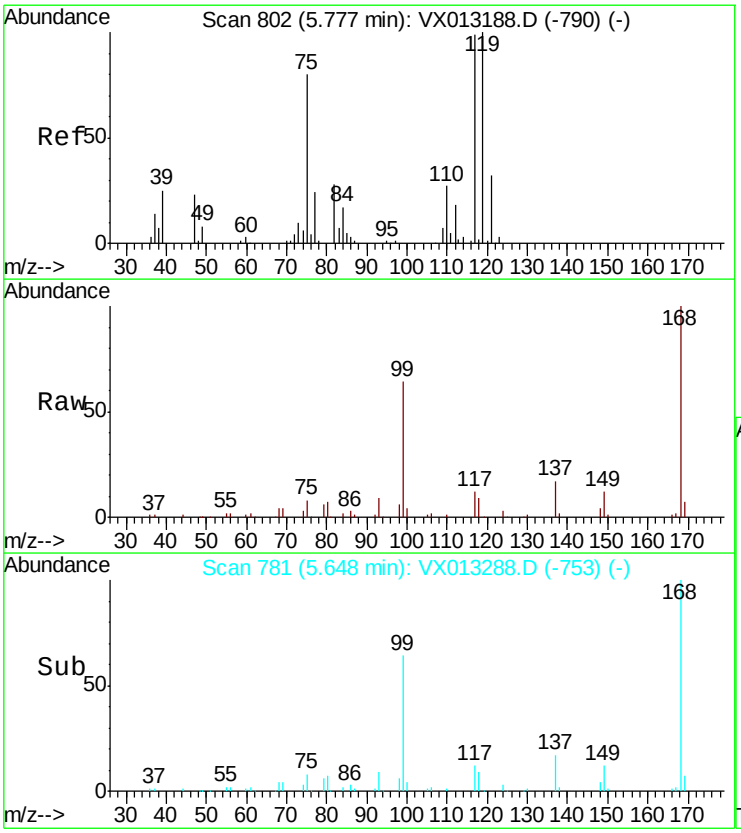
#36
1,1-Dichloropropene
Concen: 3.135 ug/l
RT: 5.66 min Scan# 783
Delta R.T. -0.13 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 5308

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.6	52.9#
77	0.0	24.7	37.1#

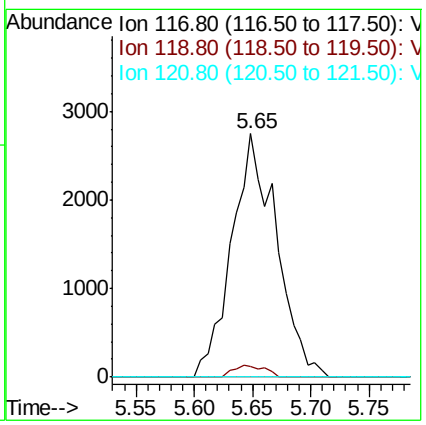


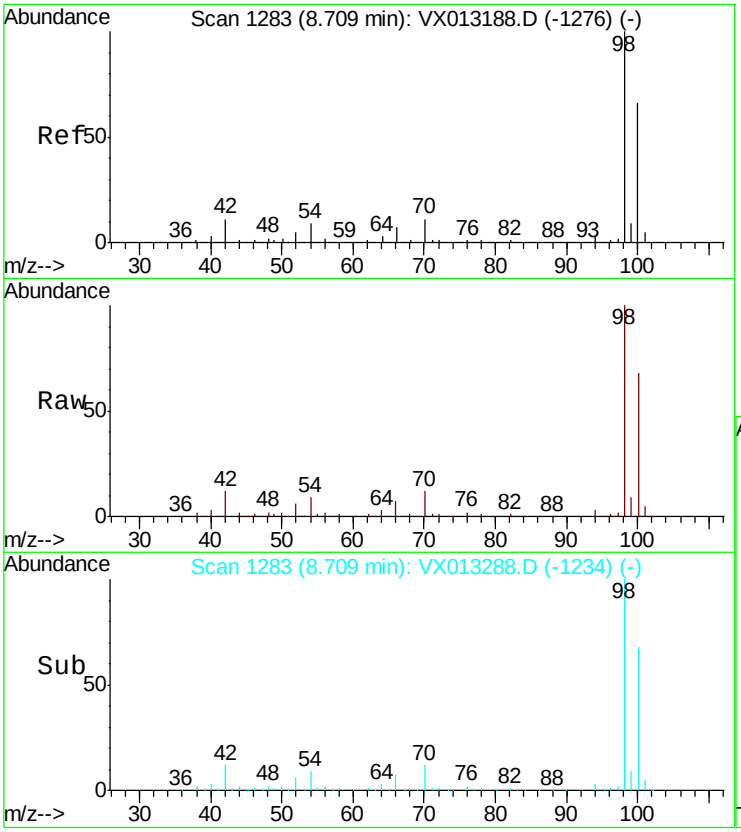


#38
Carbon Tetrachloride
Concen: 4.016 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion:117 Resp: 7341

Ion	Ratio	Lower	Upper
117	100		
119	4.1	80.1	120.1#
121	0.0	25.5	38.3#



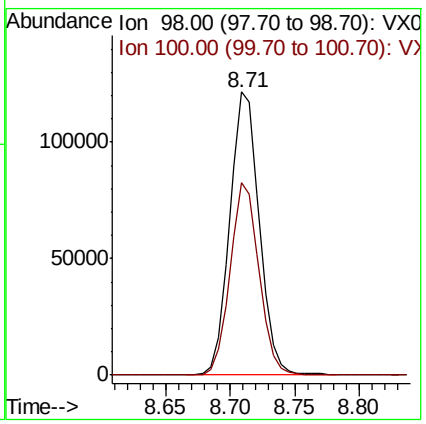


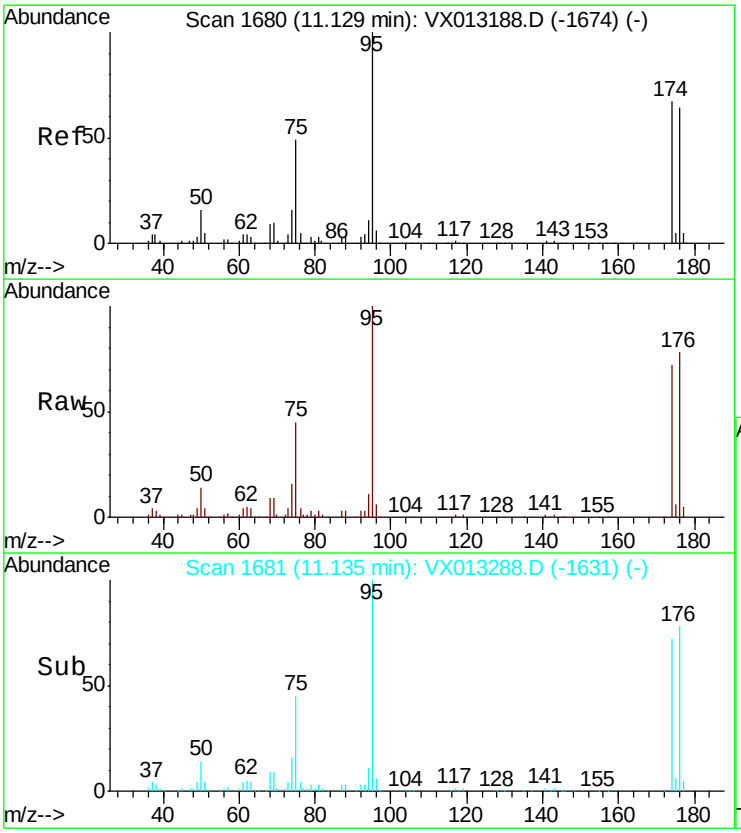
#50
Toluene-d8
Concen: 47.555 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 194337

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.3	79.9

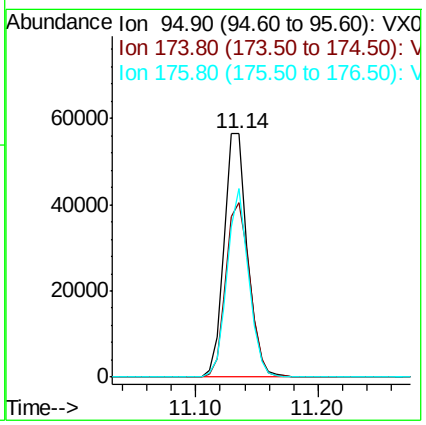


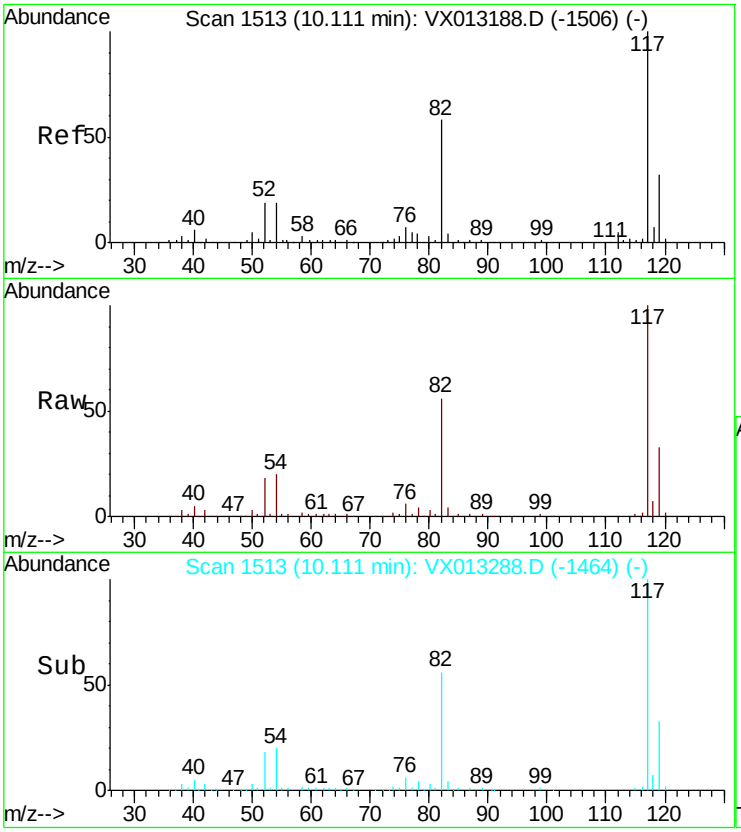


#62
4-Bromofluorobenzene
Concen: 46.077 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 95 Resp: 74528

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	152.4
176	71.1	0.0	146.0



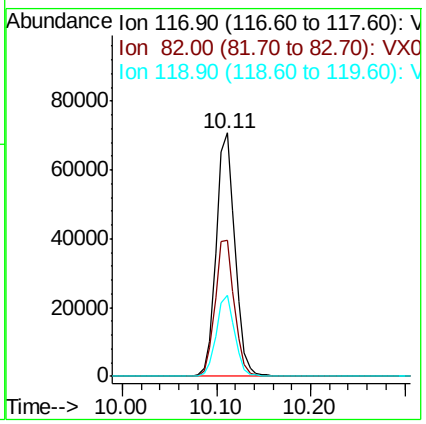


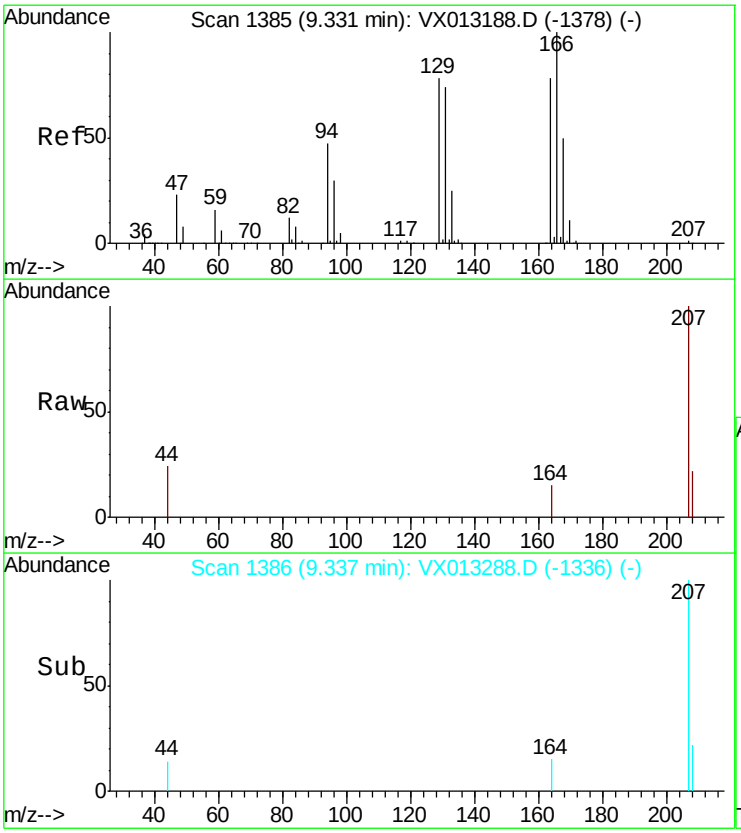
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 97729

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.5	69.7
119	33.4	25.2	37.8

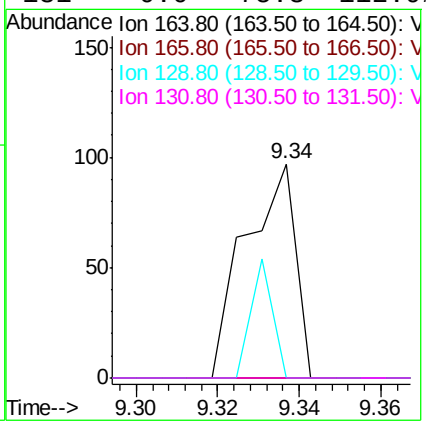


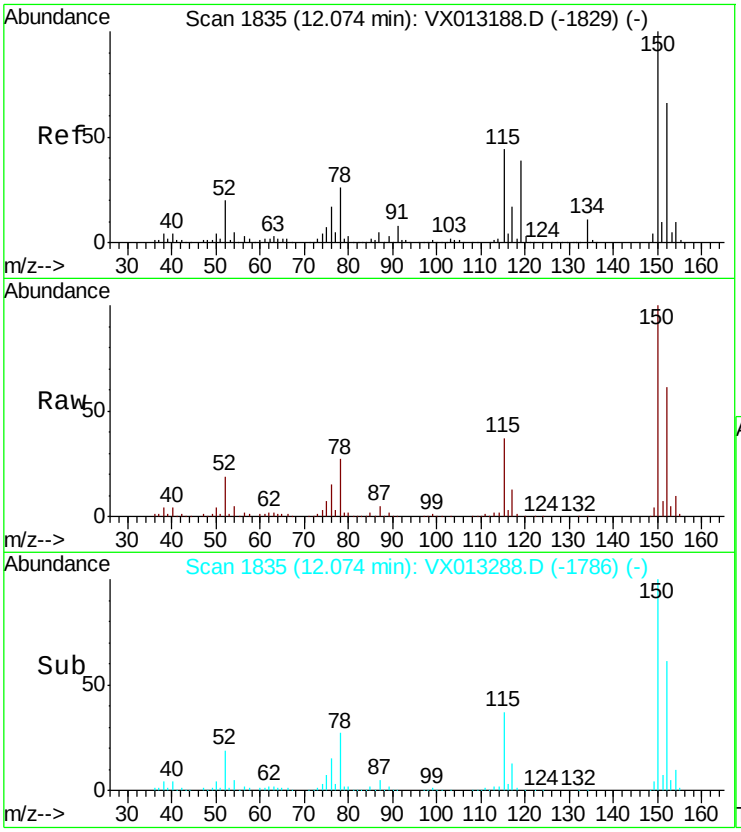


#64
Tetrachloroethene
Concen: Below Cal
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion:164 Resp: 83

Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.2	153.4#
129	0.0	79.8	119.8#
131	0.0	75.3	112.9#



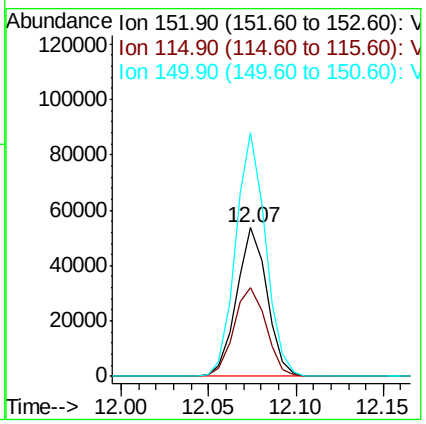


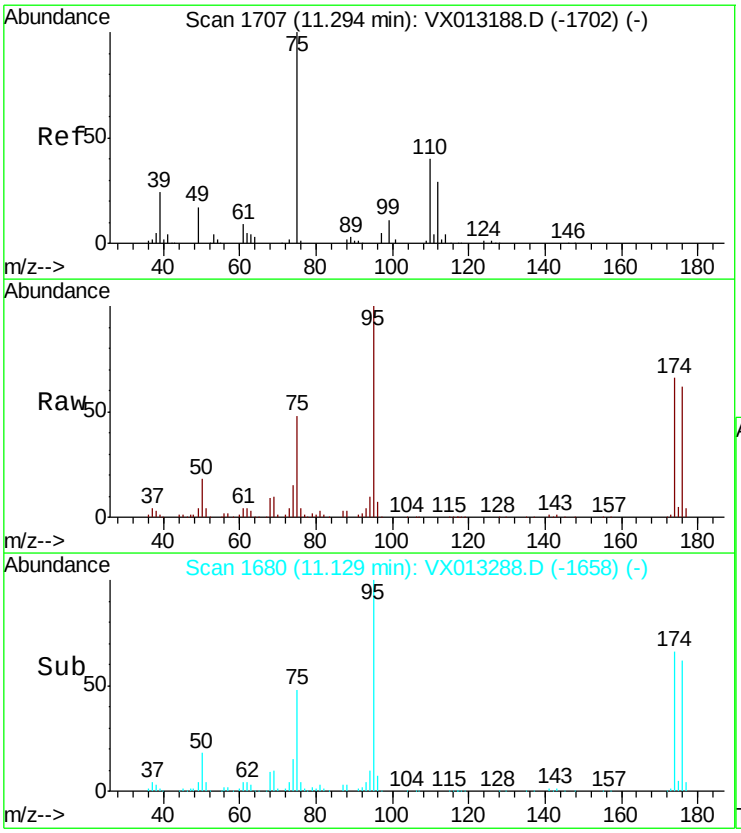
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 65145

Ion	Ratio	Lower	Upper
152	100		
115	63.2	46.6	139.8
150	160.2	0.0	354.0

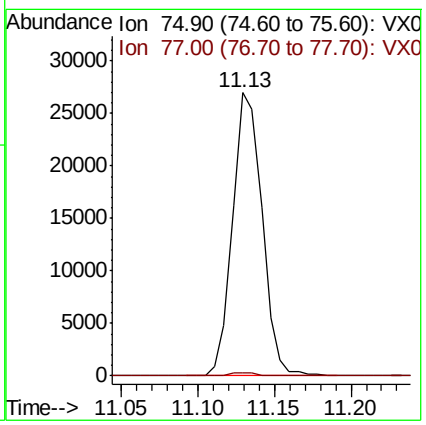


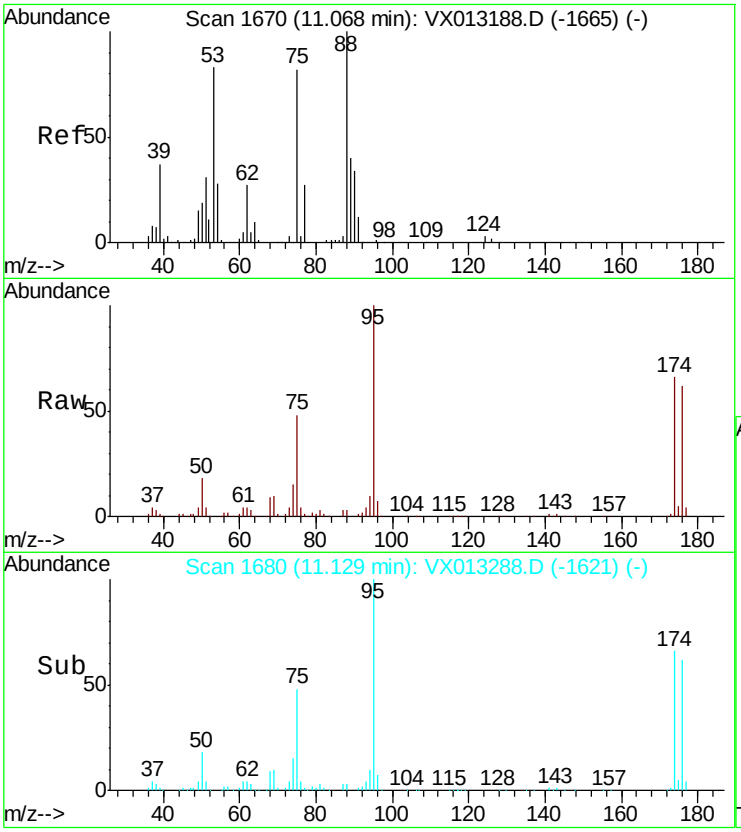


#76
1,2,3-Trichloropropane
Concen: 22.991 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Tgt Ion: 75 Resp: 36099

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.179 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013288.D
Acq: 30 Oct 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36099

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.9	116.9#
89	0.0	37.3	55.9#