Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
Data File : VX007819.D
Acq On : 04 Mar 2019 19:02
Operator : JC/SP
Sample : K1701-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M2-T5-OZ(POST-HYPO)RE

Quant Time: Mar 04 22:04:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.62	168	82500	50.00	ug/l		-0.05
34) 1,4-Difluorobenzene	6.83	114	46574	50.00	ug/l		-0.03
63) Chlorobenzene-d5	10.11	117	163844	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145441	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	3120	3.05	ug/l		-0.04
Spiked Amount 50.000			Recovery = 6.10%				
35) Dibromofluoromethane	5.45	113	2475	7.95	ug/l		-0.05
Spiked Amount 50.000			Recovery = 15.90%				
50) Toluene-d8	8.70	98	172740	144.93	ug/l		-0.01
Spiked Amount 50.000			Recovery = 289.86%				
62) 4-Bromofluorobenzene	11.13	95	113916	260.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 520.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	753	0.991	ug/l		75
5) Bromomethane	1.60	94	7546	12.705	ug/l		97
10) Methyl Iodide	2.48	142	13838	13.881	ug/l		98
11) Tert butyl alcohol	2.96	59	74	0.382	ug/l	#	73
12) 1,1-Dichloroethene	2.37	96	179	0.248	ug/l	#	1
13) Acrolein	2.29	56	112	0.650	ug/l	#	1
15) Acrylonitrile	3.15	53	100	0.219	ug/l	#	17
16) Acetone	2.42	43	111	0.244	ug/l	#	79
17) Carbon Disulfide	2.51	76	2414	1.202	ug/l	#	85
31) Cyclohexane	5.62	56	1356	0.955	ug/l	#	3
36) 1,1-Dichloropropene	5.61	75	5429	12.966	ug/l	#	48
38) Carbon Tetrachloride	5.62	117	6844	16.272	ug/l	#	20
41) Methacrylonitrile	5.01	41	50	0.201	ug/l	#	22
51) 4-Methyl-2-Pentanone	8.65	43	225	0.470	ug/l	#	36
52) Toluene	8.77	92	244	0.299	ug/l	#	73
59) 2-Hexanone	9.46	43	110	0.292	ug/l	#	24
68) m/p-Xylenes	10.36	106	573	0.251	ug/l		86
76) 1,2,3-Trichloropropane	11.13	75	51668	16.666	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.13	75	51668	44.982	ug/l	#	9
93) 1,2,4-Trichlorobenzene	13.65	180	665	0.225	ug/l		96
95) Naphthalene	13.83	128	3118	0.326	ug/l		97
96) 1,2,3-Trichlorobenzene	14.02	180	726	0.245	ug/l		91

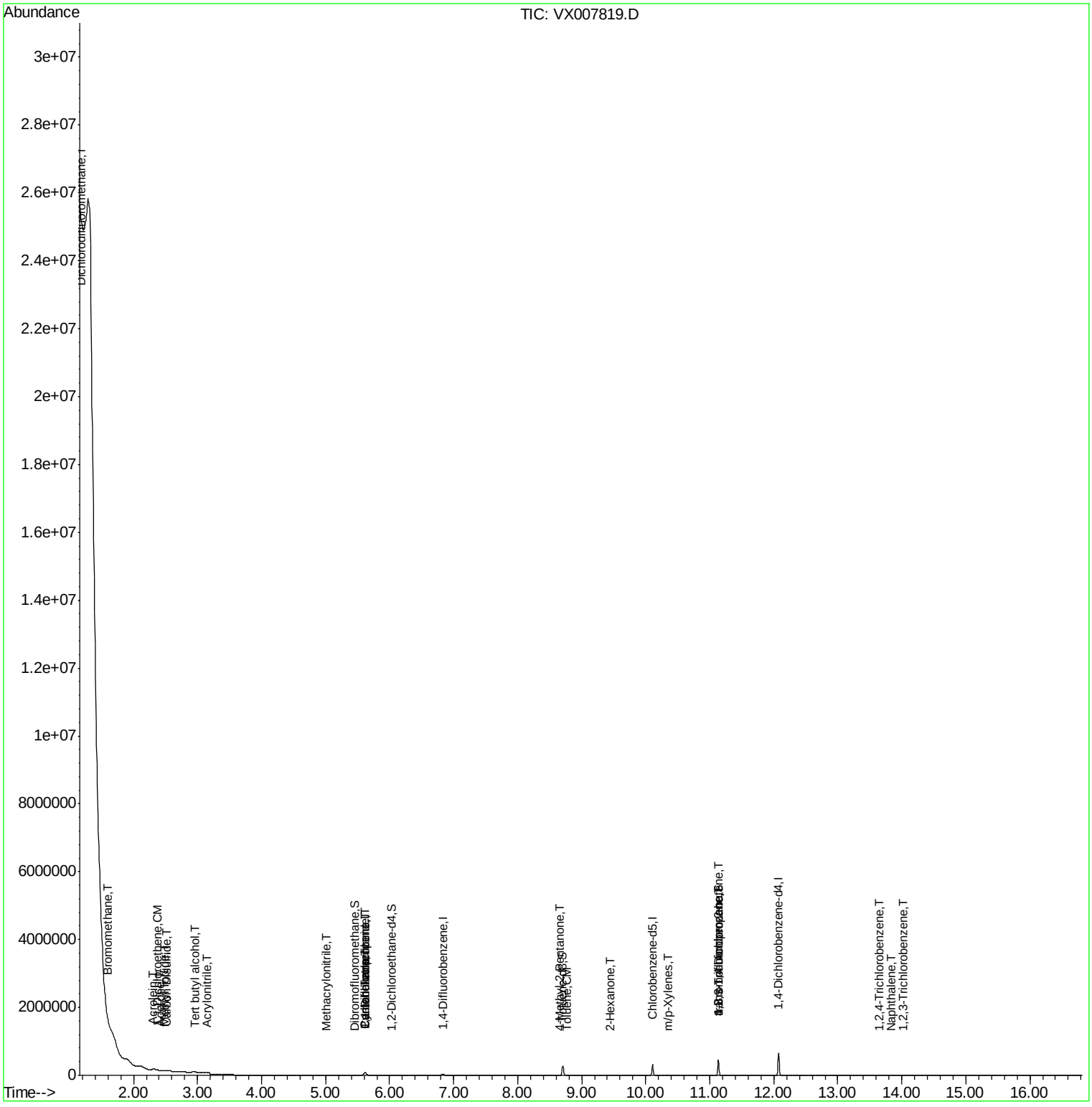
(#) = qualifier out of range (m) = manual integration (+) = signals summed

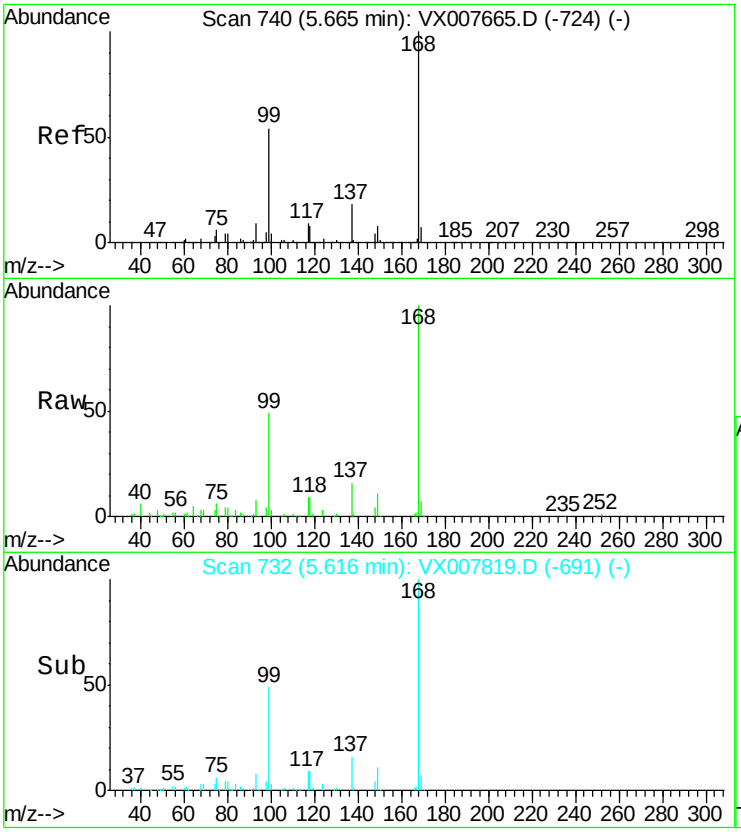
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
Data File : VX007819.D
Acq On : 04 Mar 2019 19:02
Operator : JC/SP
Sample : K1701-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Quant Time: Mar 04 22:04:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration



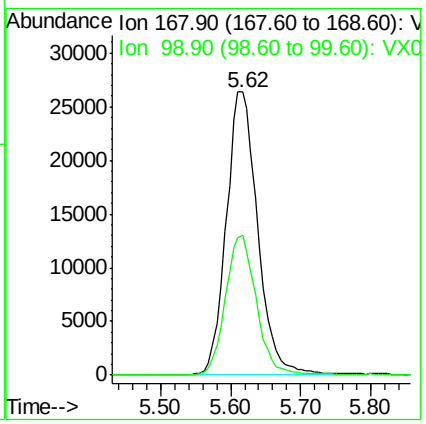


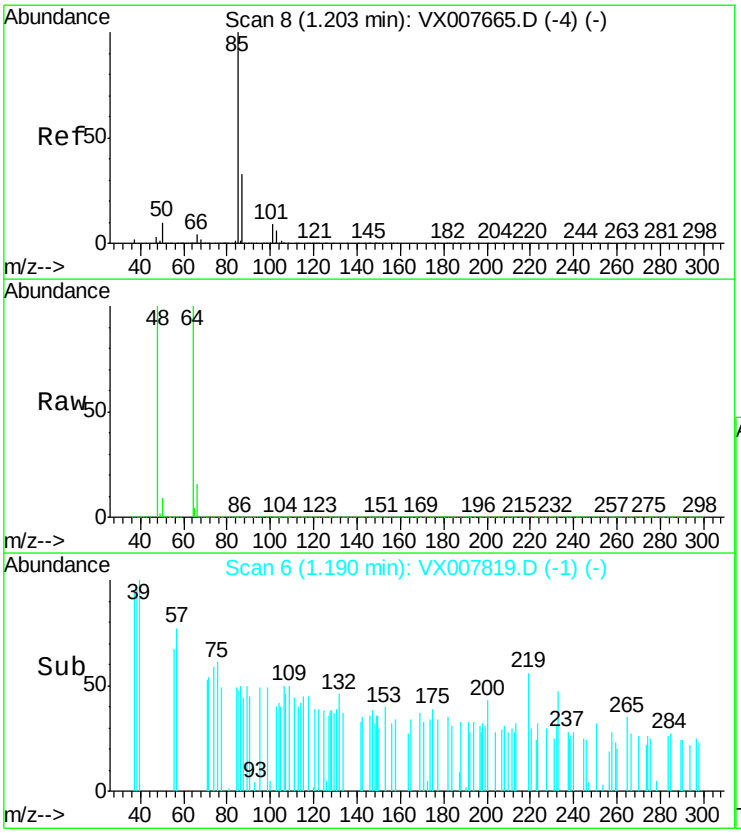
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 732
Delta R.T. -0.05 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion:168 Resp: 82500

Ion	Ratio	Lower	Upper
168	100		
99	49.3	37.9	56.9

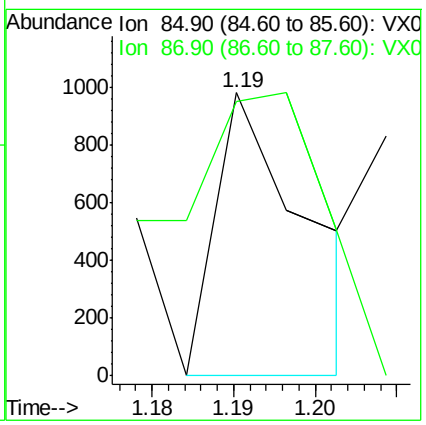


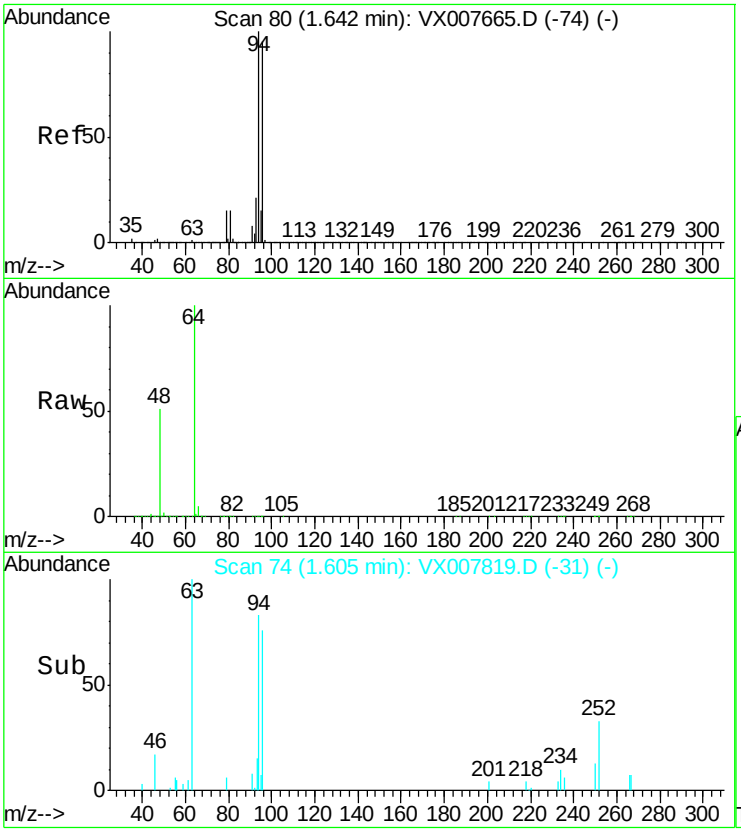


#2
Dichlorodifluoromethane
Concen: 0.991 ug/l
RT: 1.19 min Scan# 6
Delta R.T. -0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 85 Resp: 753

Ion	Ratio	Lower	Upper
85	100		
87	45.3	15.8	47.4



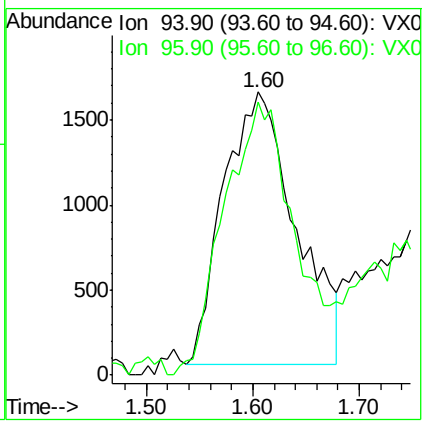


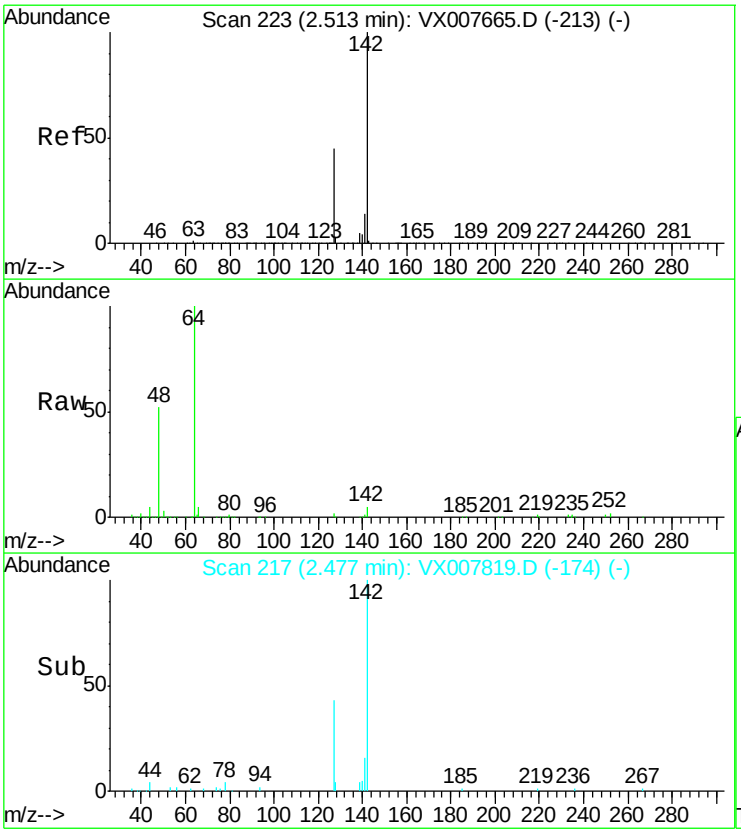
#5
Bromomethane
Concen: 12.705 ug/l
RT: 1.60 min Scan# 74
Delta R.T. -0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 94 Resp: 7546

Ion	Ratio	Lower	Upper
94	100		
96	95.4	73.9	110.9

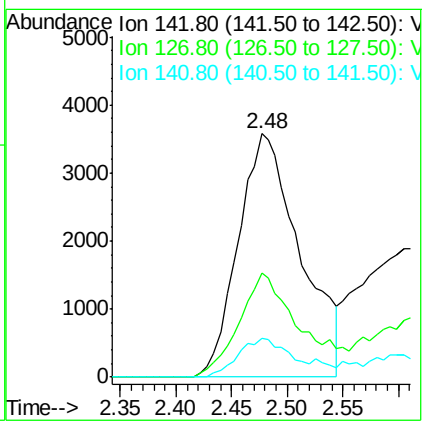


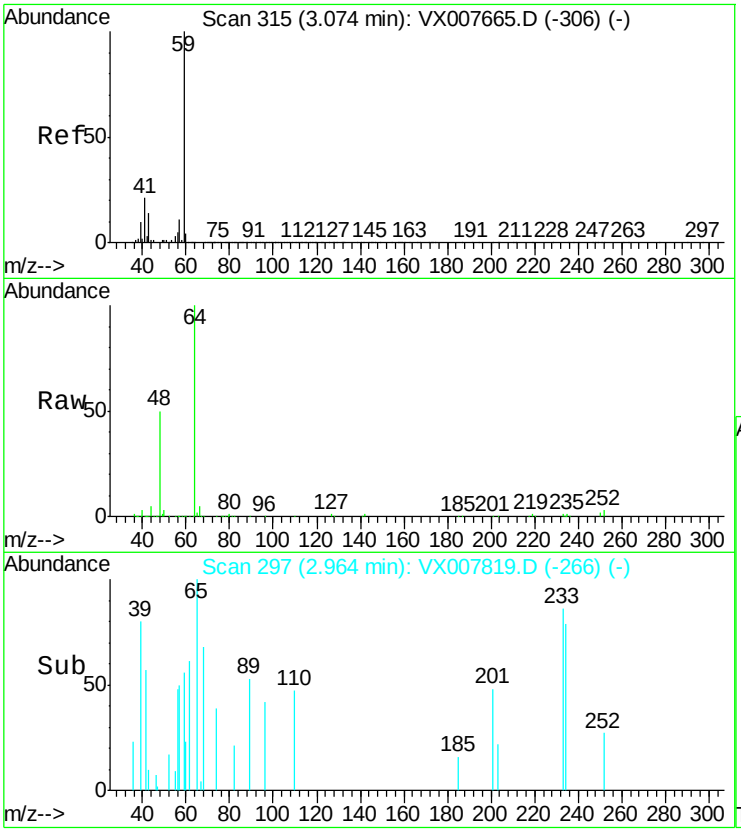


#10
Methyl Iodide
Concen: 13.881 ug/l
RT: 2.48 min Scan# 217
Delta R.T. -0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:142 Resp: 13838

Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.7	50.5
141	13.2	11.3	16.9



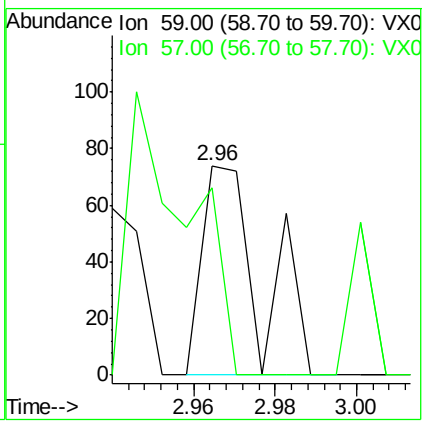


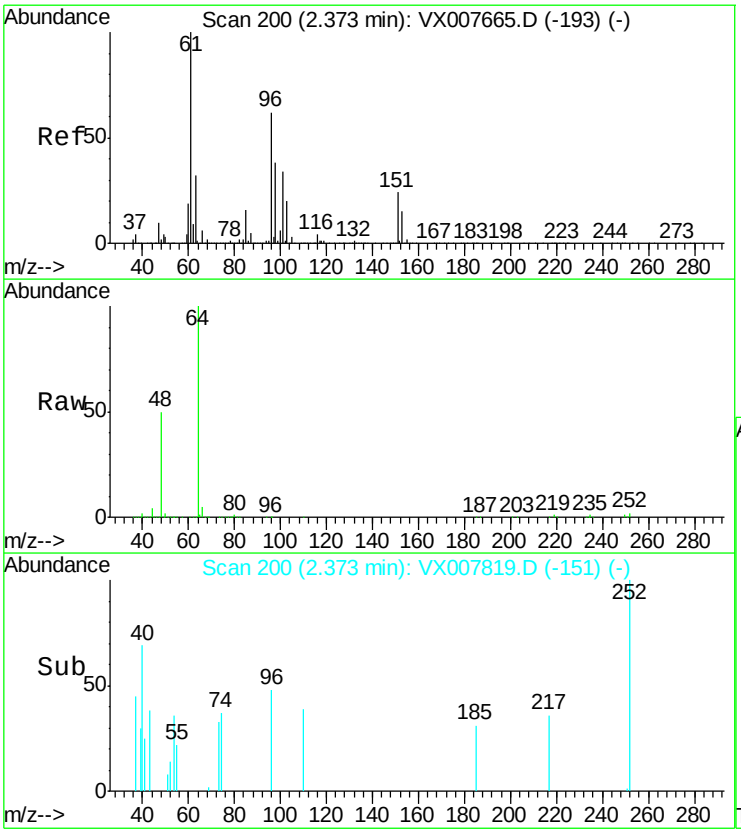
#11
Tert butyl alcohol
Concen: 0.382 ug/l
RT: 2.96 min Scan# 297
Delta R.T. -0.11 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 59 Resp: 74

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

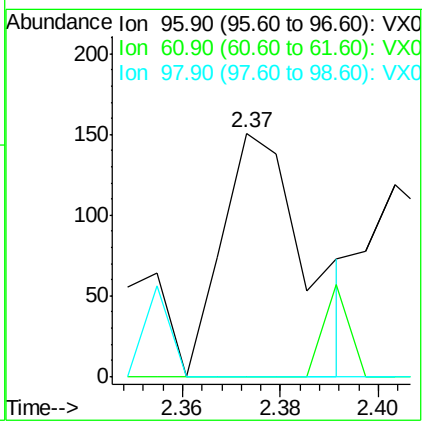


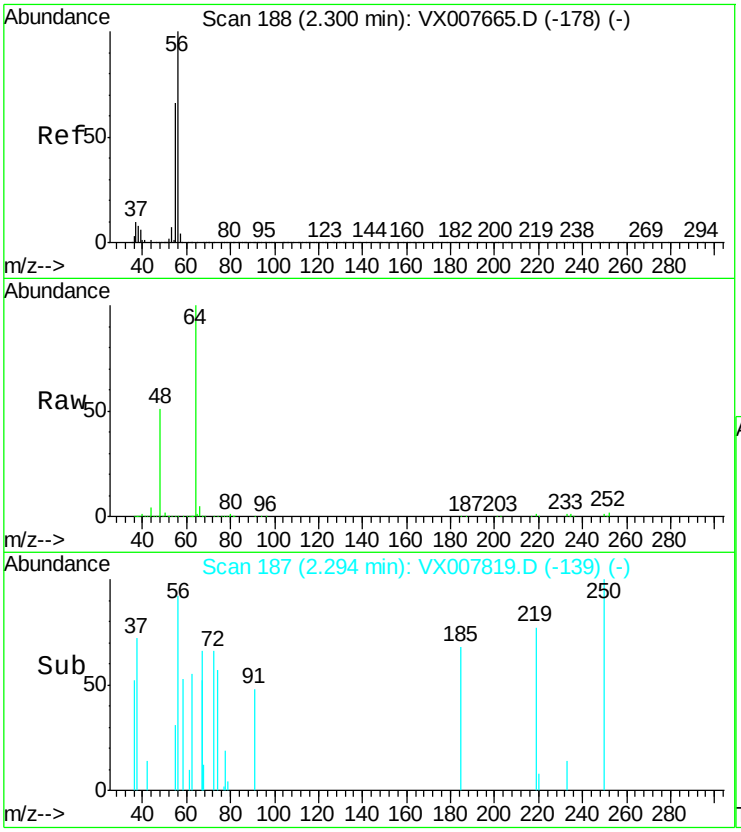


#12
1,1-Dichloroethene
Concen: 0.248 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 96 Resp: 179

Ion	Ratio	Lower	Upper
96	100		
61	0.0	123.0	184.4#
98	0.0	50.9	76.3#



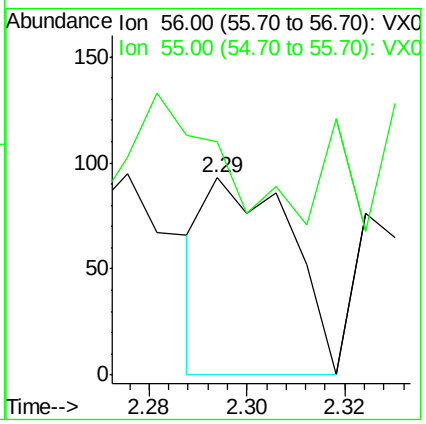


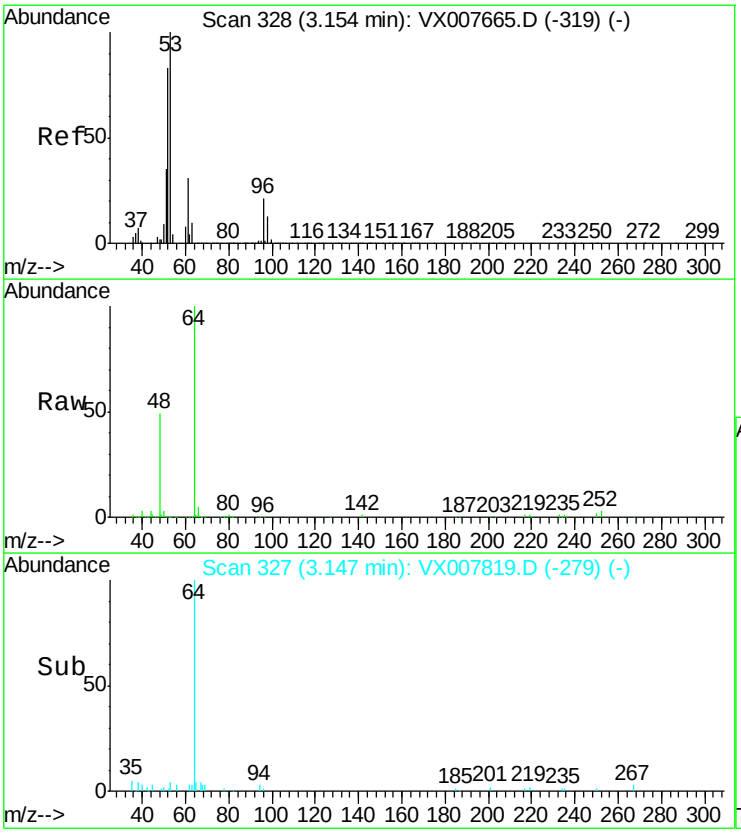
#13
Acrolein
Concen: 0.650 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 56 Resp: 112

Ion	Ratio	Lower	Upper
56	100		
55	175.9	56.9	85.3#

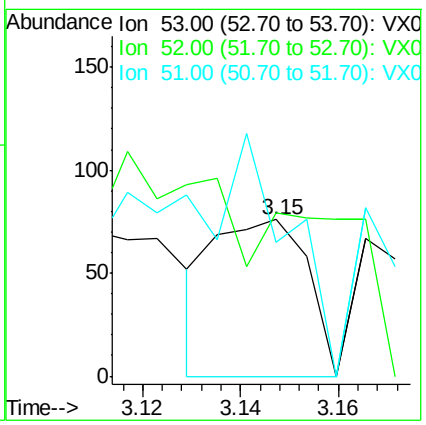


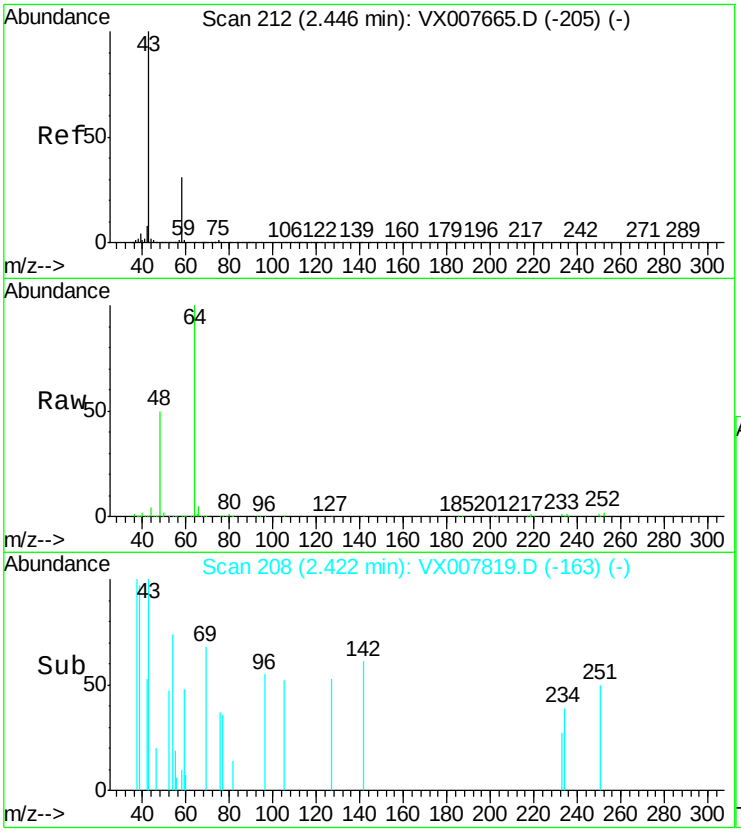


#15
Acrylonitrile
Concen: 0.219 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 53 Resp: 100

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.4	99.6#
51	0.0	28.4	42.6#



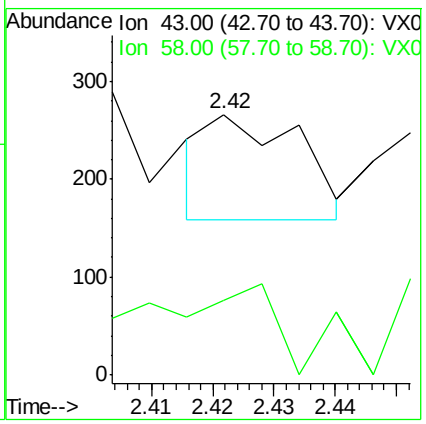


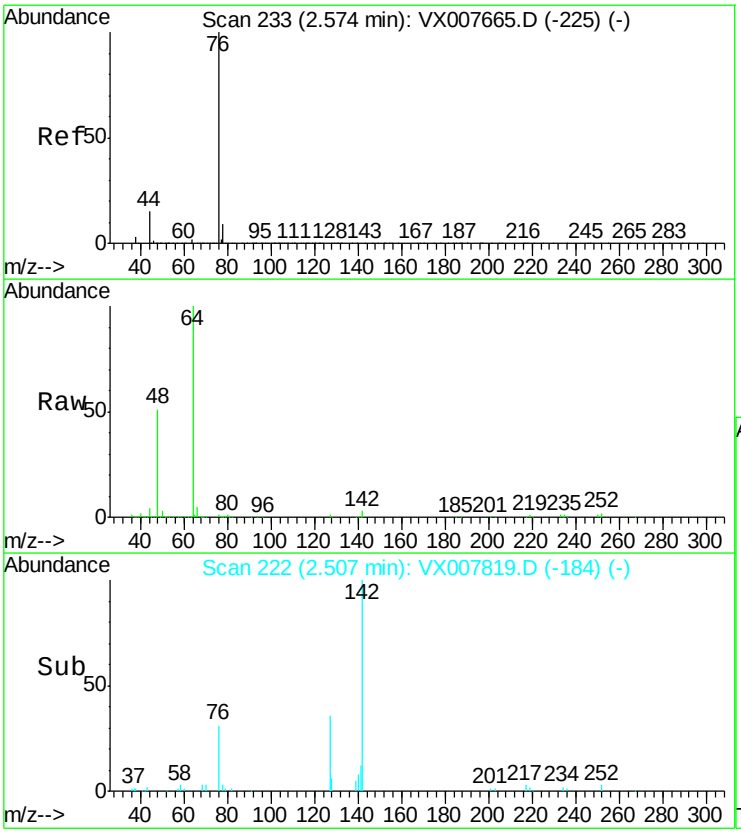
#16
Acetone
Concen: 0.244 ug/l
RT: 2.42 min Scan# 208
Delta R.T. -0.02 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 43 Resp: 111

Ion	Ratio	Lower	Upper
43	100		
58	19.8	24.9	37.3#

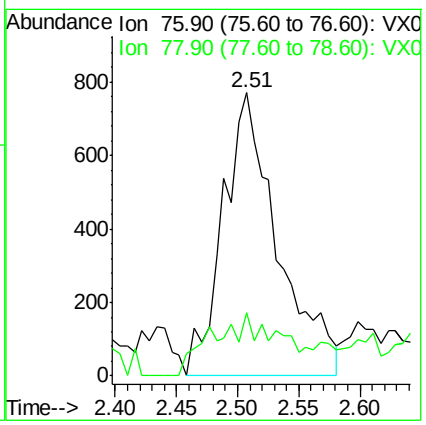


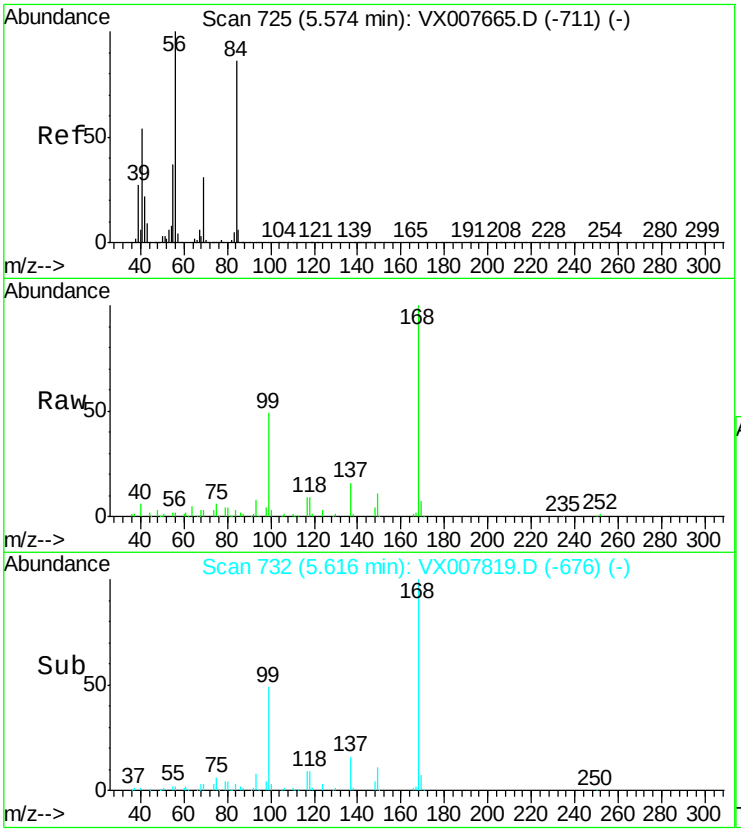


#17
Carbon Disulfide
Concen: 1.202 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.07 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 76 Resp: 2414

Ion	Ratio	Lower	Upper
76	100		
78	14.4	7.1	10.7#



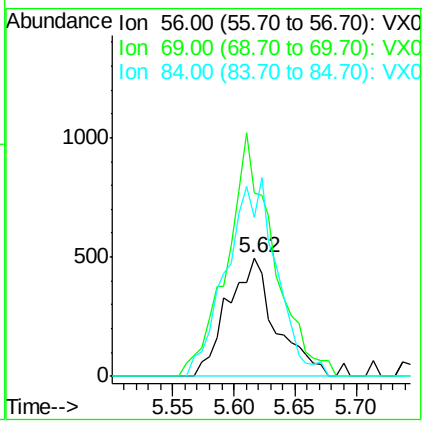


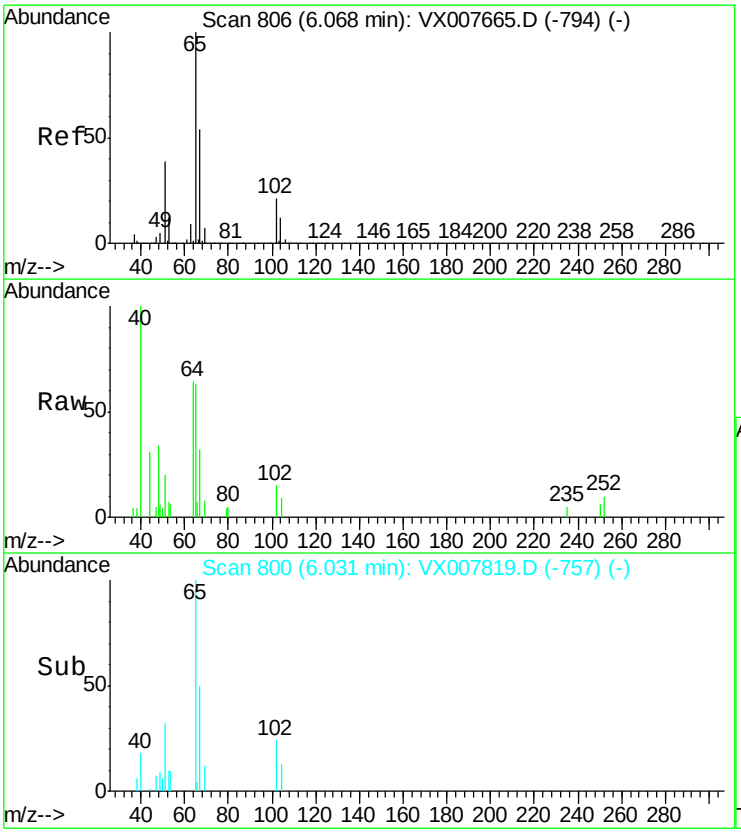
#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.62 min Scan# 732
Delta R.T. 0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 56 Resp: 1356

Ion	Ratio	Lower	Upper
56	100		
69	155.2	23.0	34.6#
84	134.3	69.8	104.6#

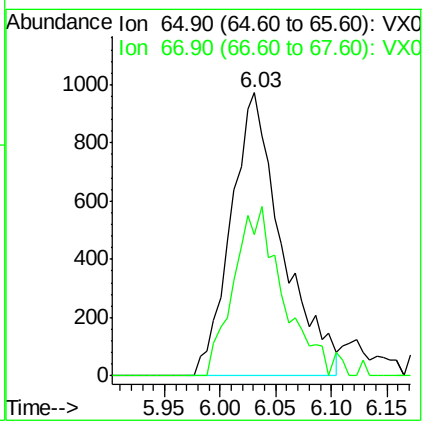


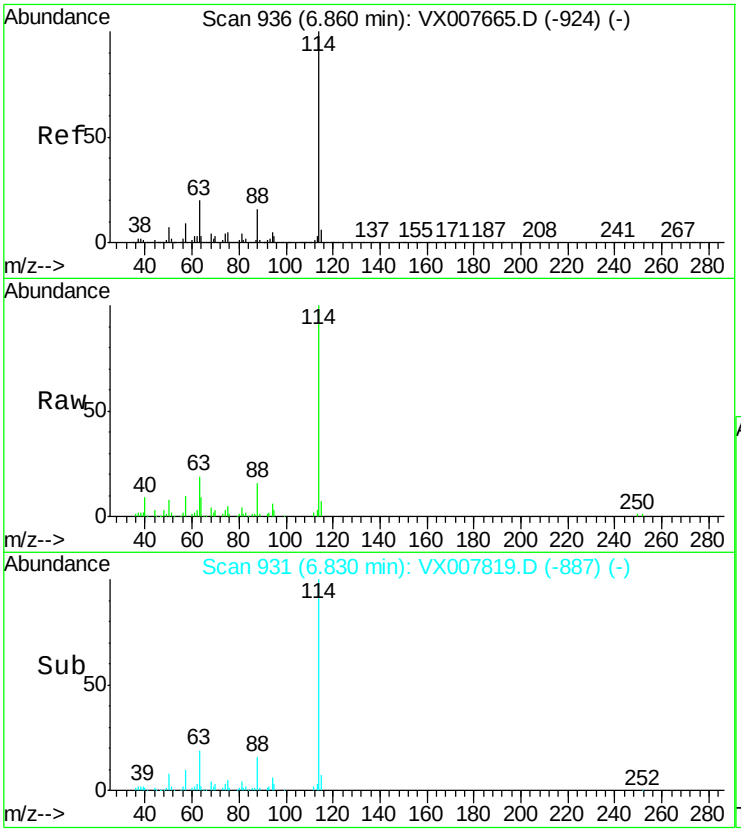


#33
1,2-Dichloroethane-d4
Concen: 3.053 ug/l
RT: 6.03 min Scan# 800
Delta R.T. -0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 65 Resp: 3120

Ion	Ratio	Lower	Upper
65	100		
67	56.7	0.0	108.8



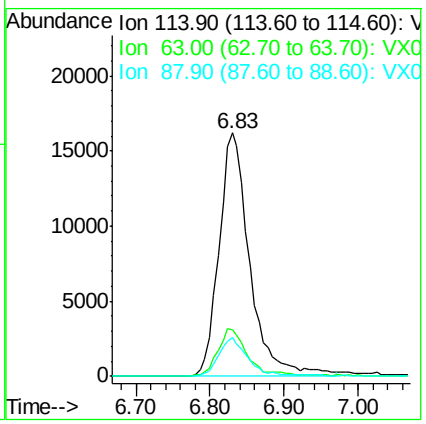


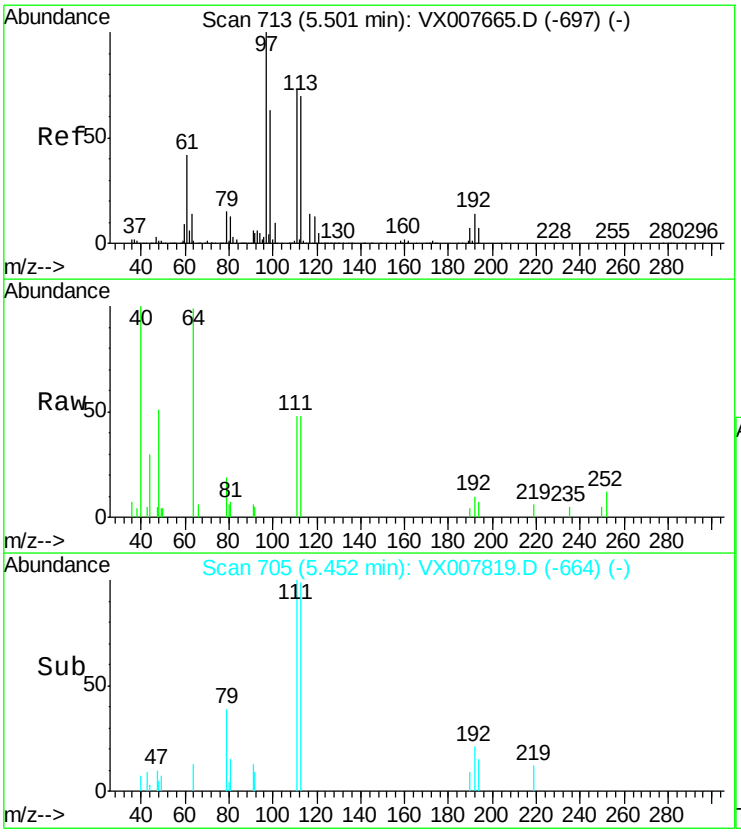
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 931
Delta R.T. -0.03 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion:114 Resp: 46574

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	35.6
88	15.8	0.0	29.6

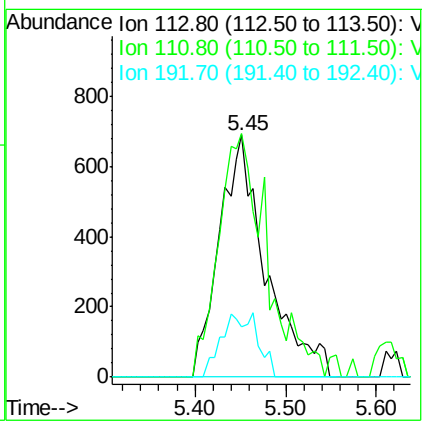


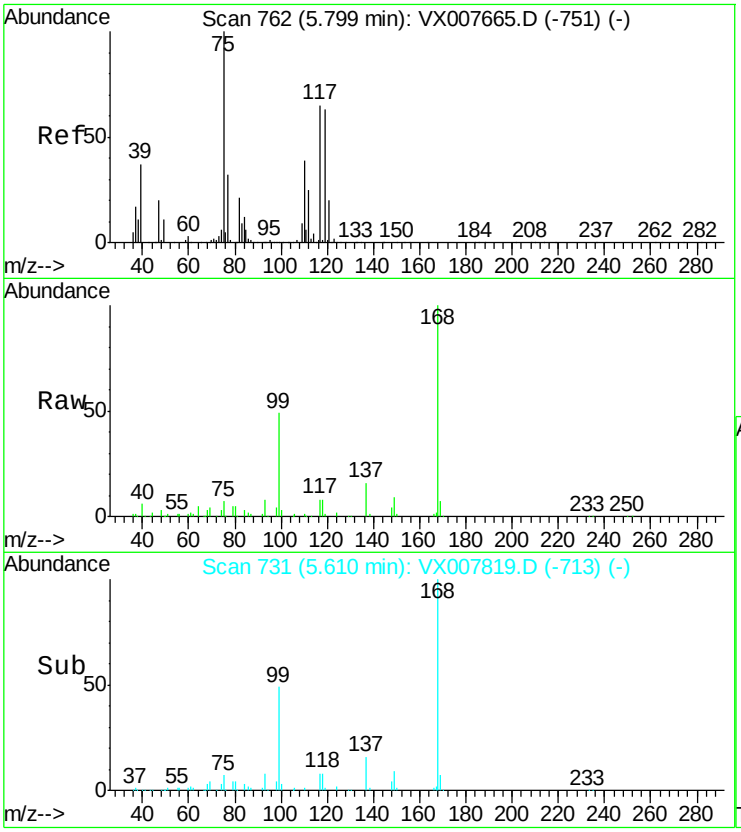


#35
Dibromofluoromethane
Concen: 7.950 ug/l
RT: 5.45 min Scan# 705
Delta R.T. -0.05 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:113 Resp: 2475

Ion	Ratio	Lower	Upper
113	100		
111	94.4	81.8	122.8
192	20.4	18.5	27.7



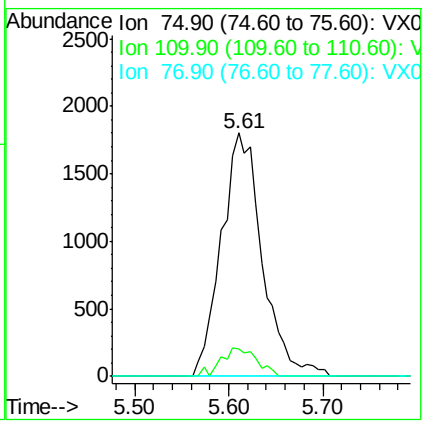


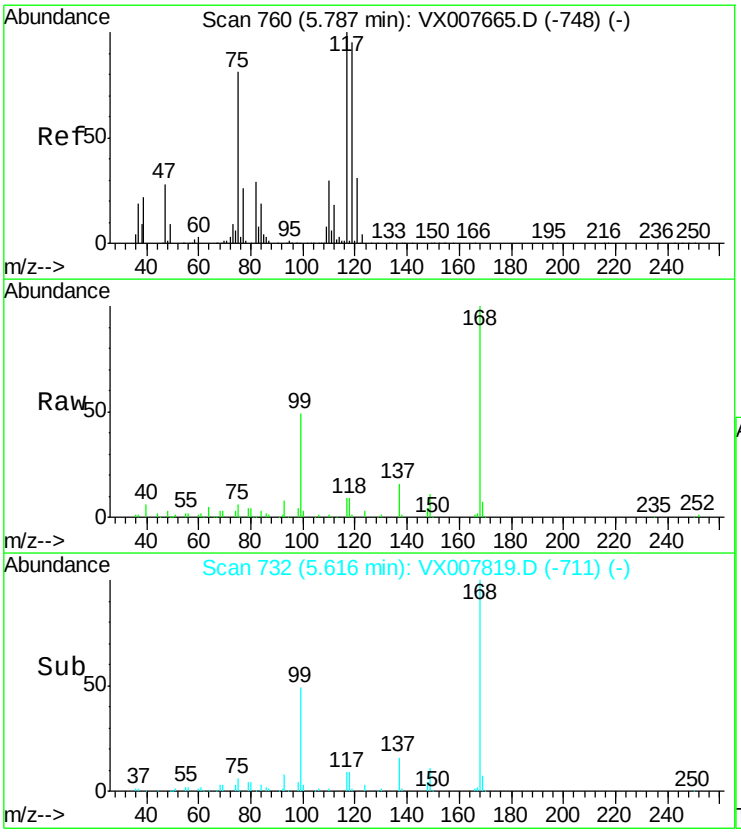
#36
1,1-Dichloropropene
Concen: 12.966 ug/l
RT: 5.61 min Scan# 731
Delta R.T. -0.19 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 75 Resp: 5429

Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.0	59.9#
77	0.0	24.7	37.1#

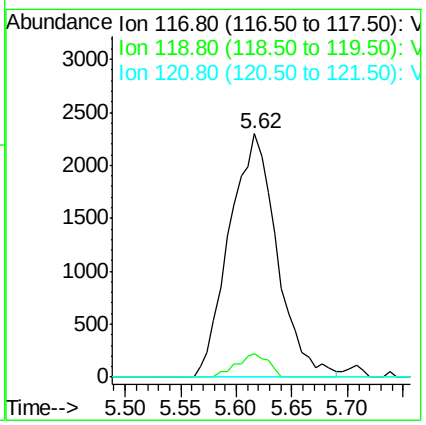


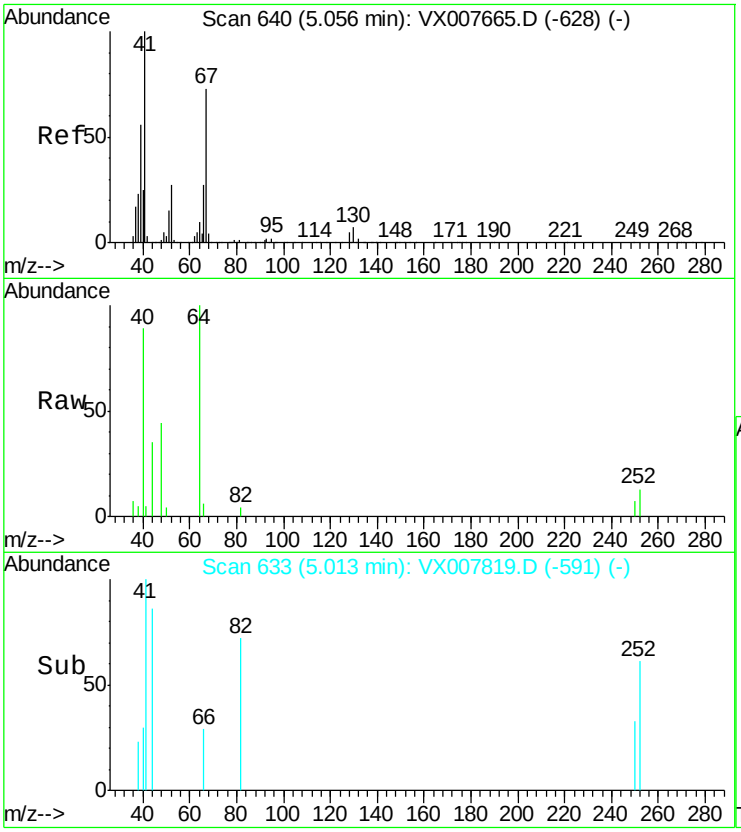


#38
Carbon Tetrachloride
Concen: 16.272 ug/l
RT: 5.62 min Scan# 732
Delta R.T. -0.17 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:117 Resp: 6844

Ion	Ratio	Lower	Upper
117	100		
119	9.4	75.3	112.9#
121	0.0	25.0	37.4#



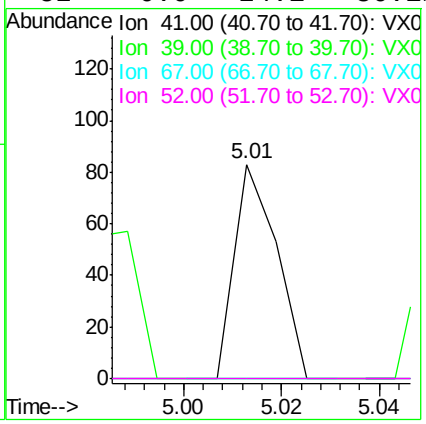


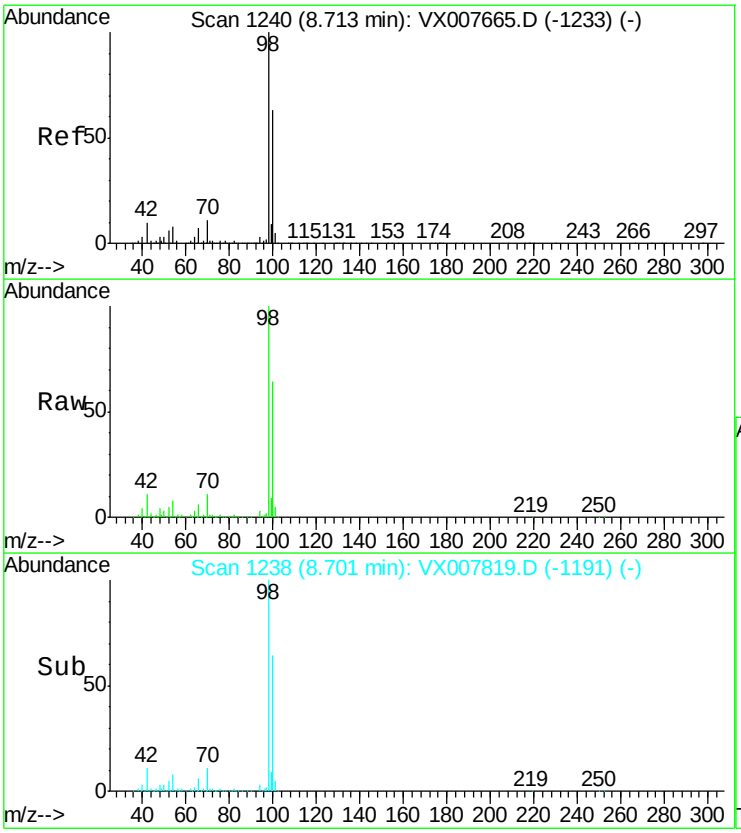
#41
Methacrylonitrile
Concen: 0.201 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 41 Resp: 50

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.5	66.7#
67	0.0	60.4	90.6#
52	0.0	24.1	36.1#

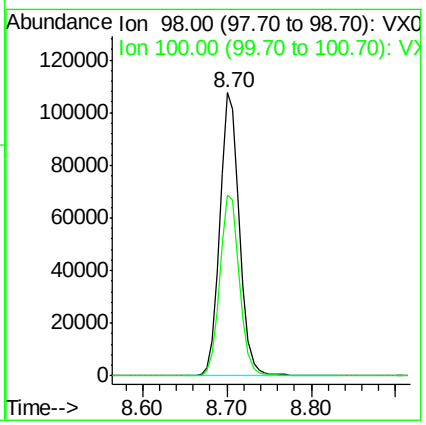


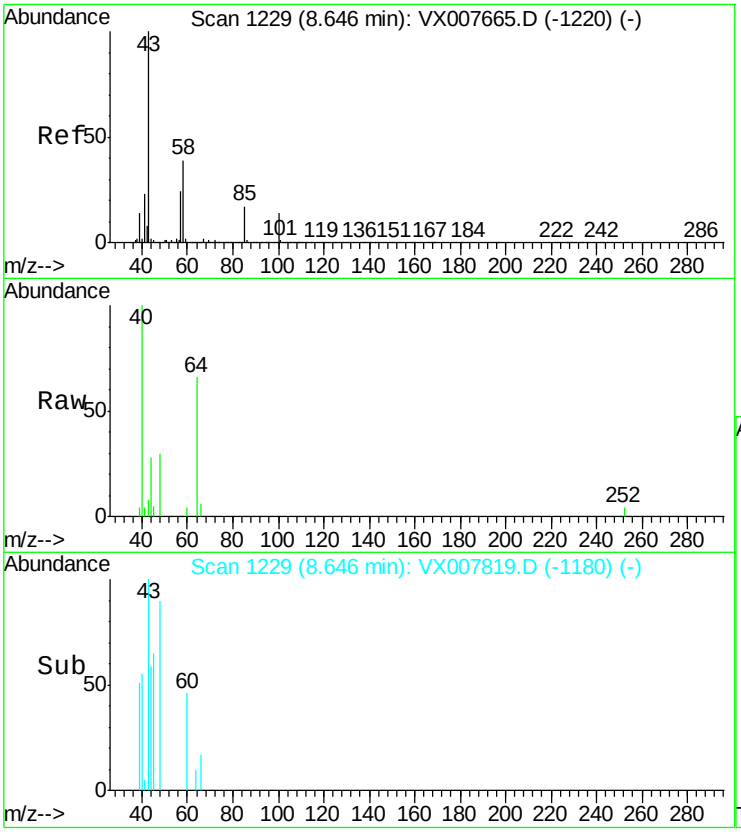


#50
Toluene-d8
Concen: 144.928 ug/l
RT: 8.70 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 98 Resp: 172740

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



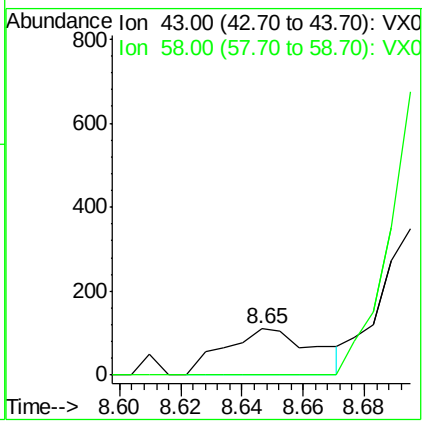


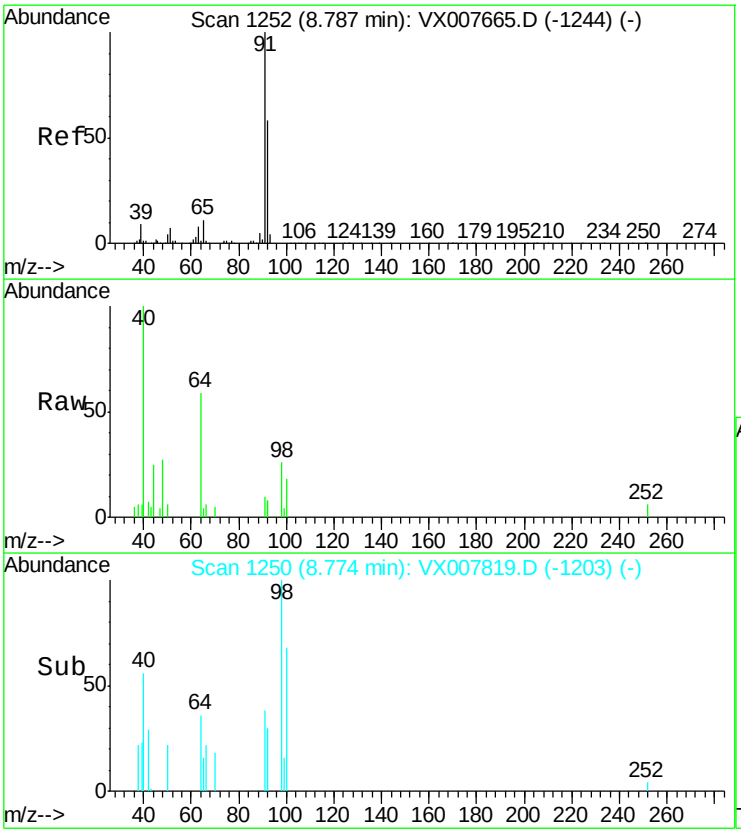
#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 43 Resp: 225

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.2	46.8#

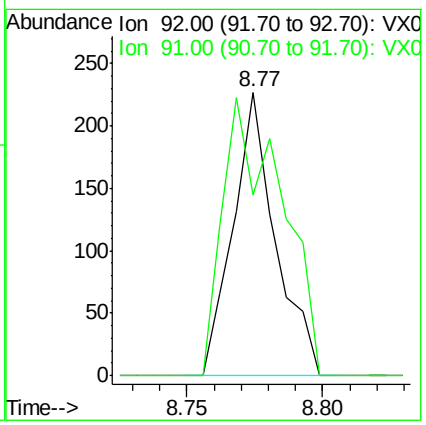


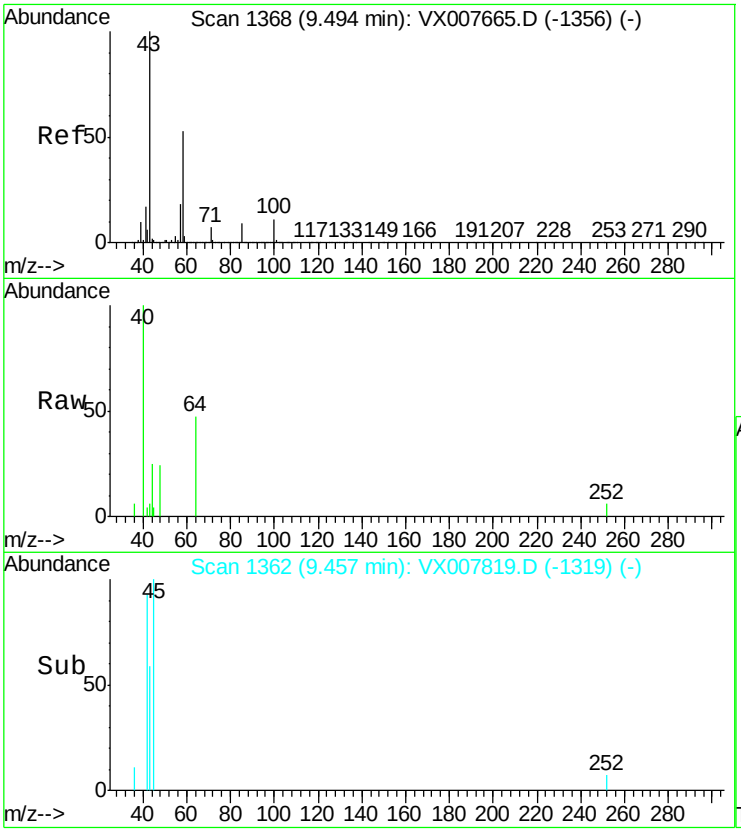


#52
Toluene
Concen: 0.299 ug/l
RT: 8.77 min Scan# 1250
Delta R.T. -0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 92 Resp: 244

Ion	Ratio	Lower	Upper
92	100		
91	136.5	139.1	208.7#



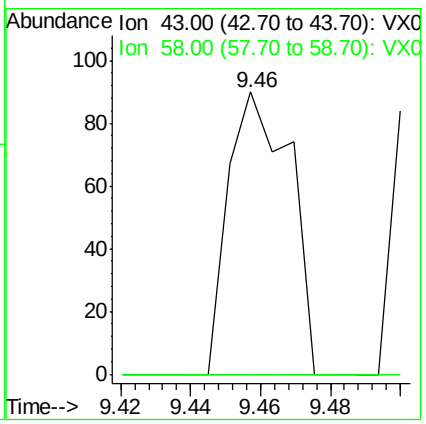


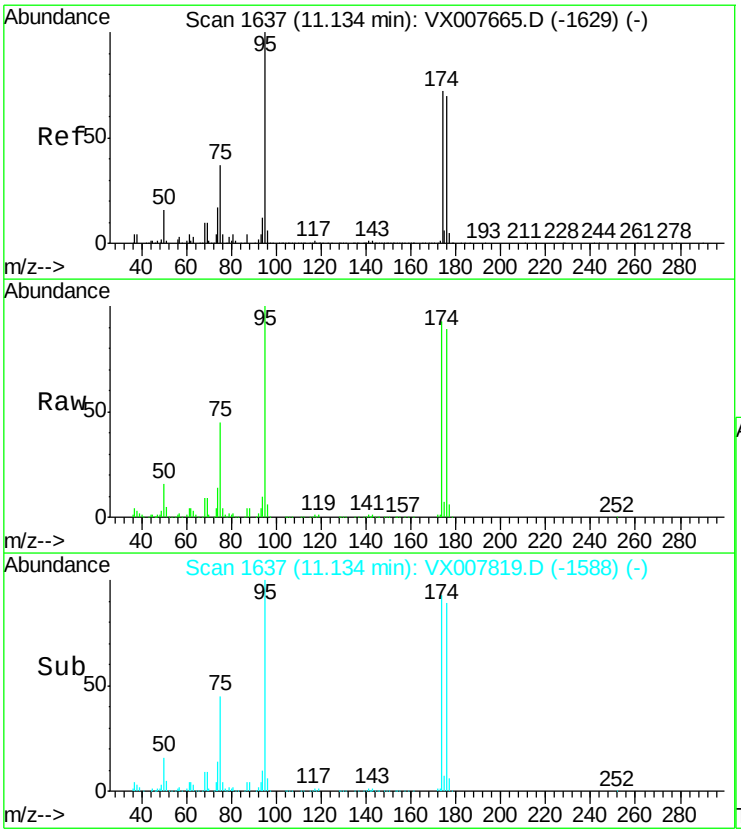
#59
2-Hexanone
Concen: 0.292 ug/l
RT: 9.46 min Scan# 1362
Delta R.T. -0.04 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 43 Resp: 110

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.1	81.3#

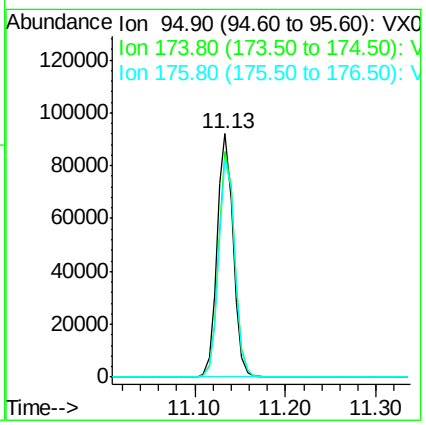


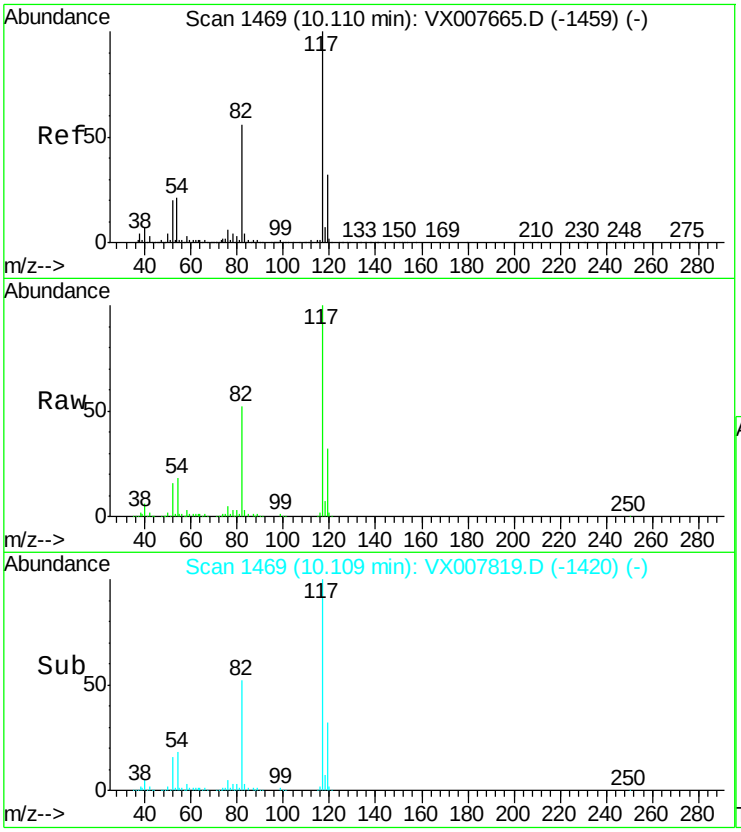


#62
4-Bromofluorobenzene
Concen: 260.397 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 95 Resp: 113916

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	189.2
176	90.1	0.0	186.2



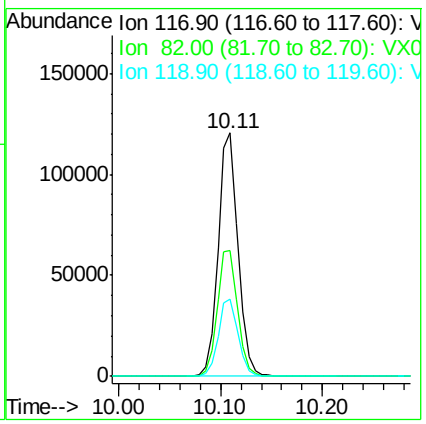


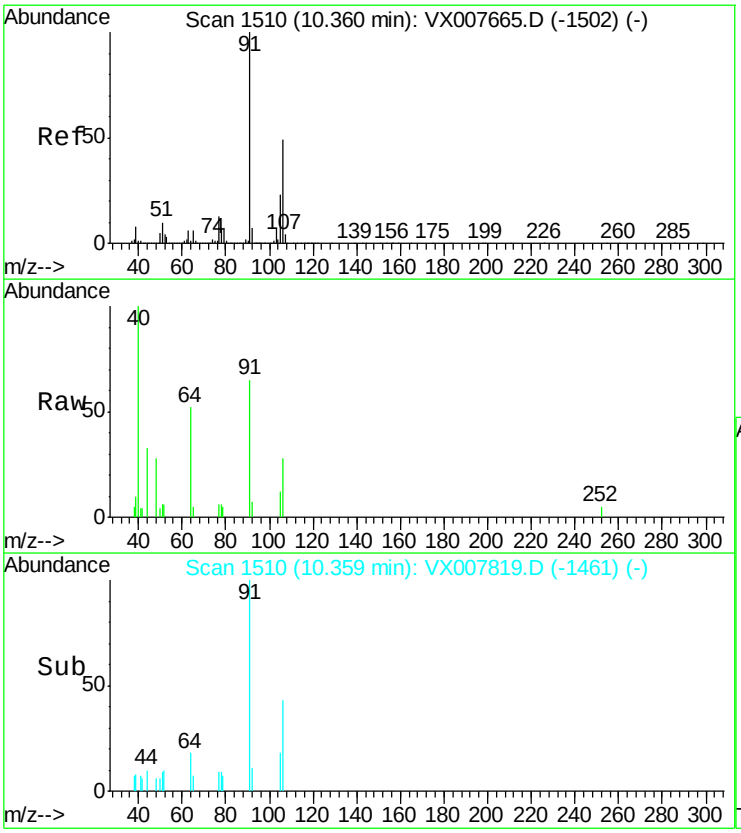
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument : MSVOA_X
ClientSampleId : M2-T5-OZ(POST-HYPO)RE

Tgt Ion:117 Resp: 163844

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.1	63.1
119	31.8	26.5	39.7

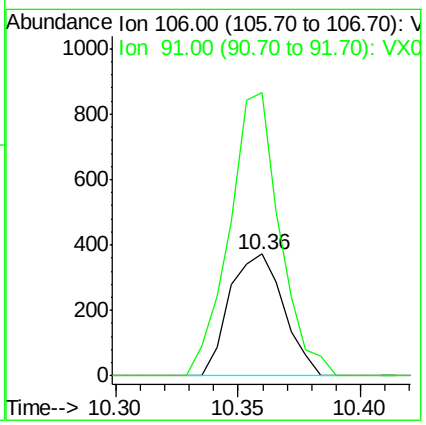


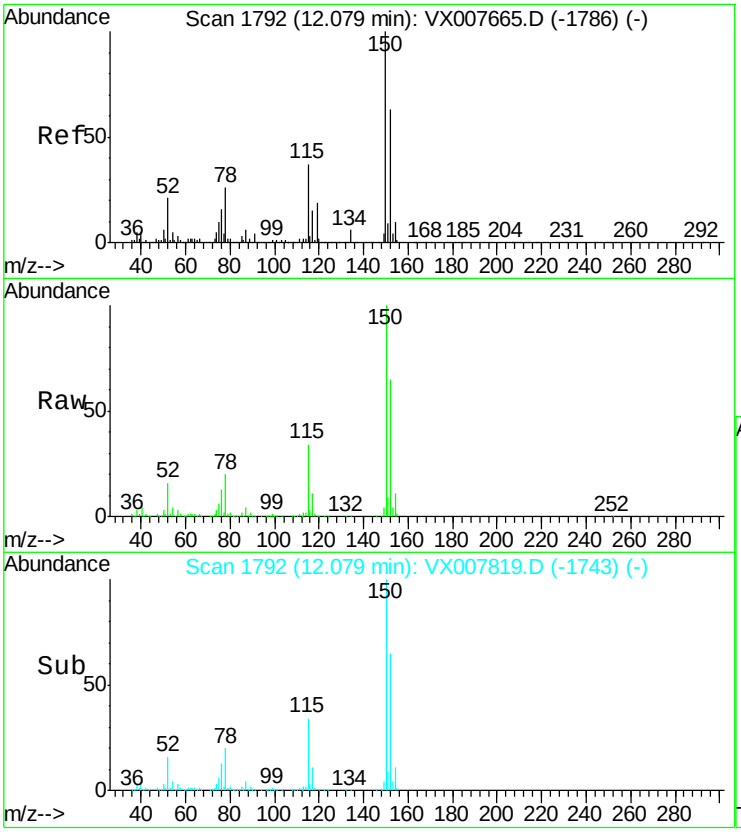


#68
m/p-Xylenes
Concen: 0.251 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:106 Resp: 573

Ion	Ratio	Lower	Upper
106	100		
91	216.8	156.6	234.8



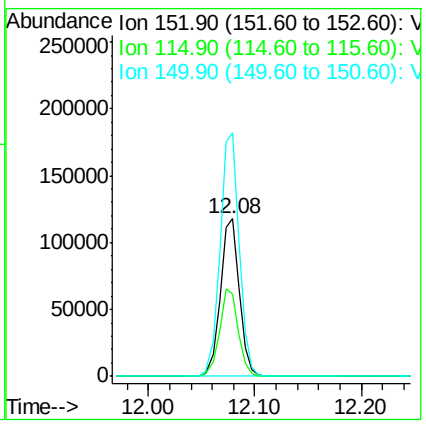


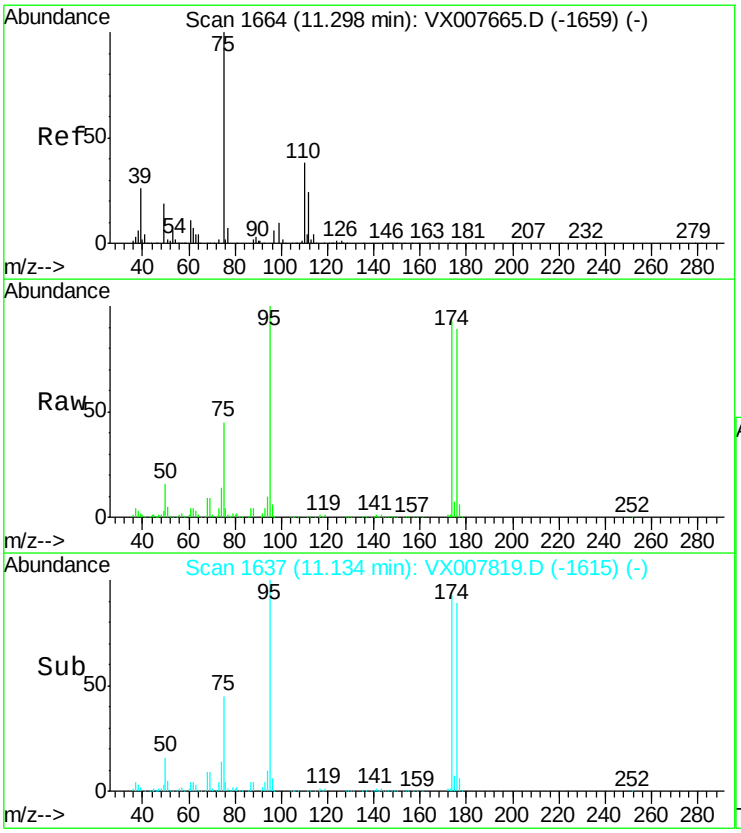
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion:152 Resp: 145441

Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.0	114.0
150	156.7	0.0	346.4

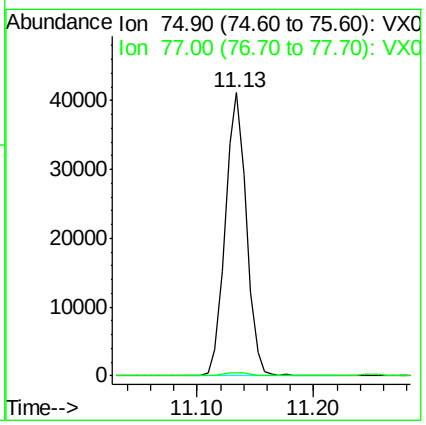


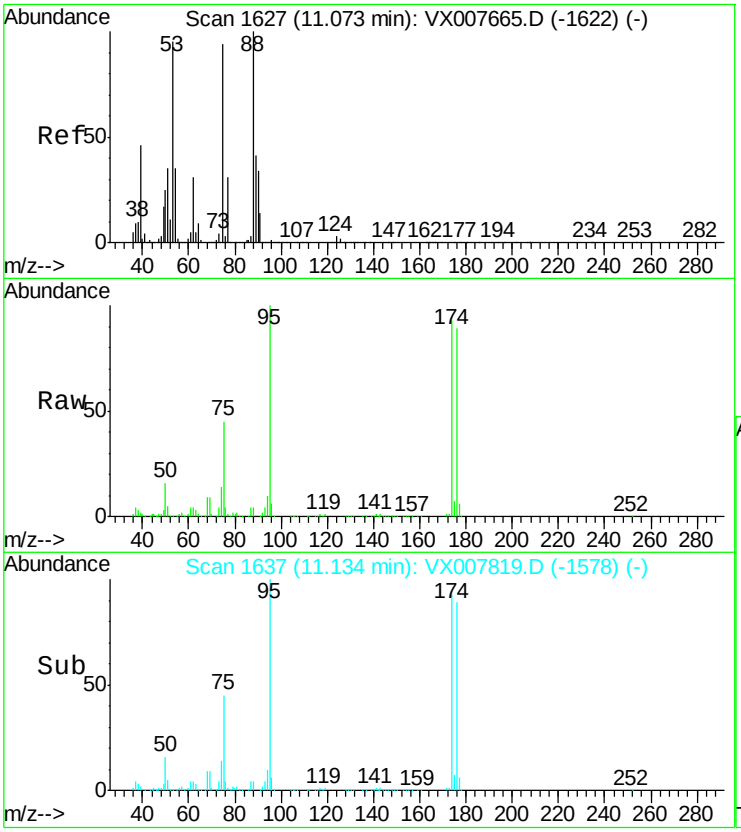


#76
1,2,3-Trichloropropane
Concen: 16.666 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion: 75 Resp: 51668

Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.0	69.0#



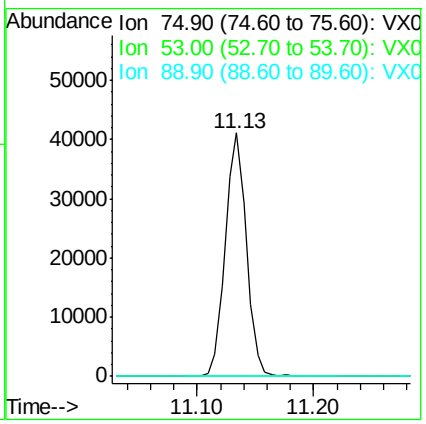


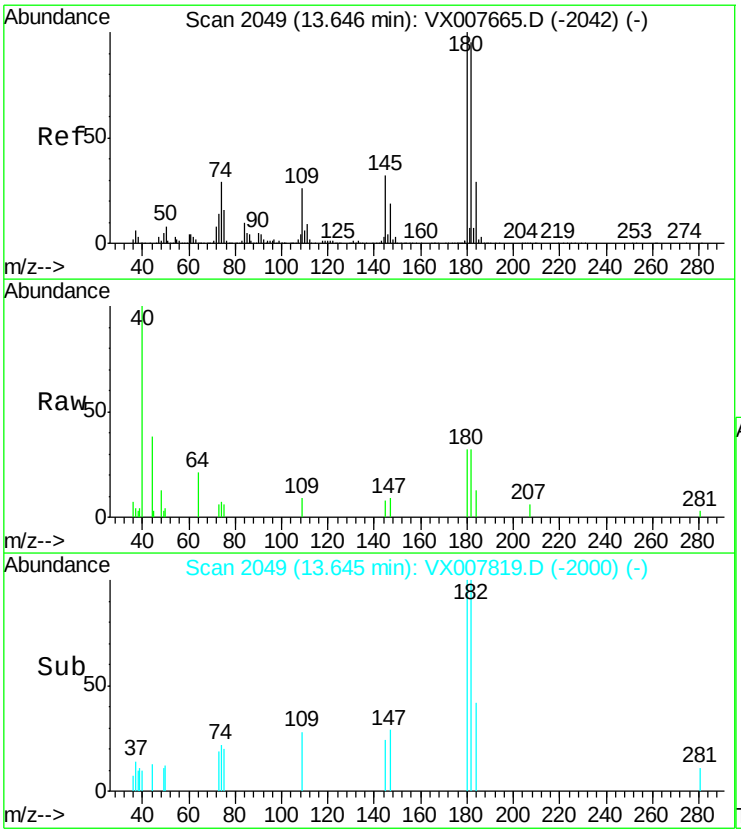
#81
trans-1,4-Dichloro-2-butene
Concen: 44.982 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument :
MSVOA_X
ClientSampleId :
M2-T5-OZ(POST-HYPO)RE

Tgt Ion: 75 Resp: 51668

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.0	121.6#
89	0.0	41.4	62.0#

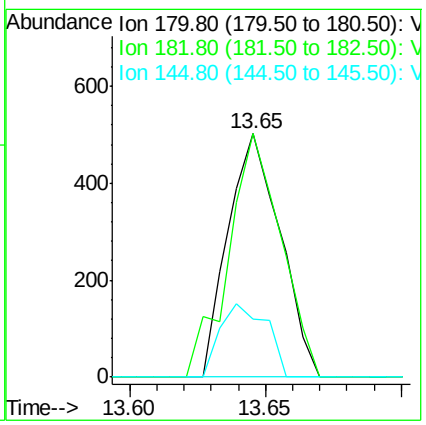


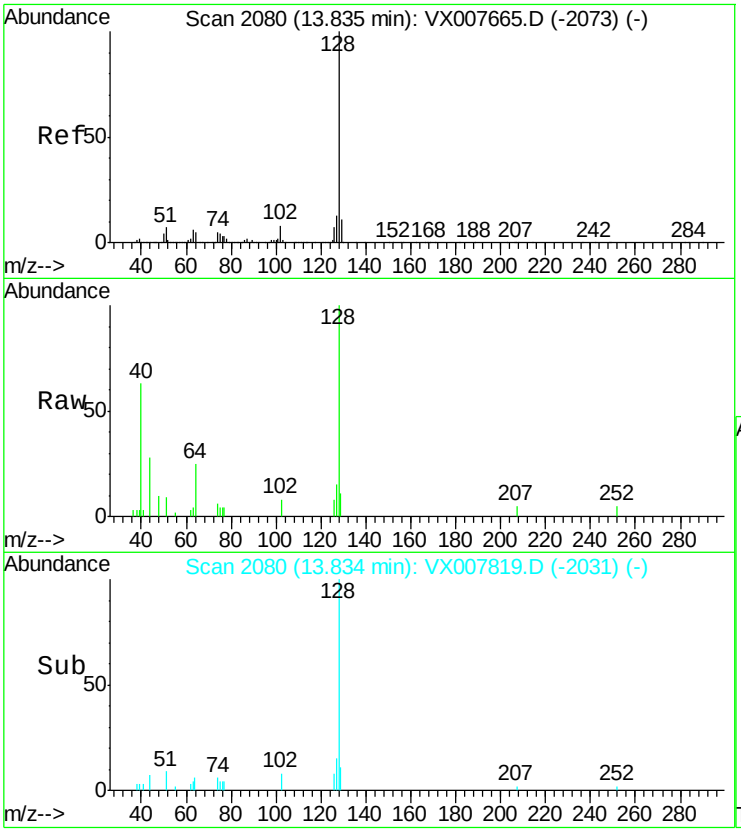


#93
1,2,4-Trichlorobenzene
Concen: 0.225 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:180 Resp: 665

Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.8	143.3
145	27.1	14.1	42.2



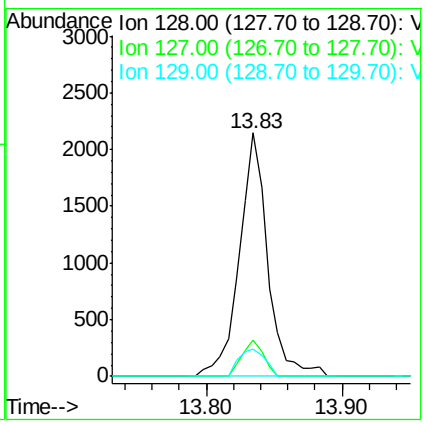


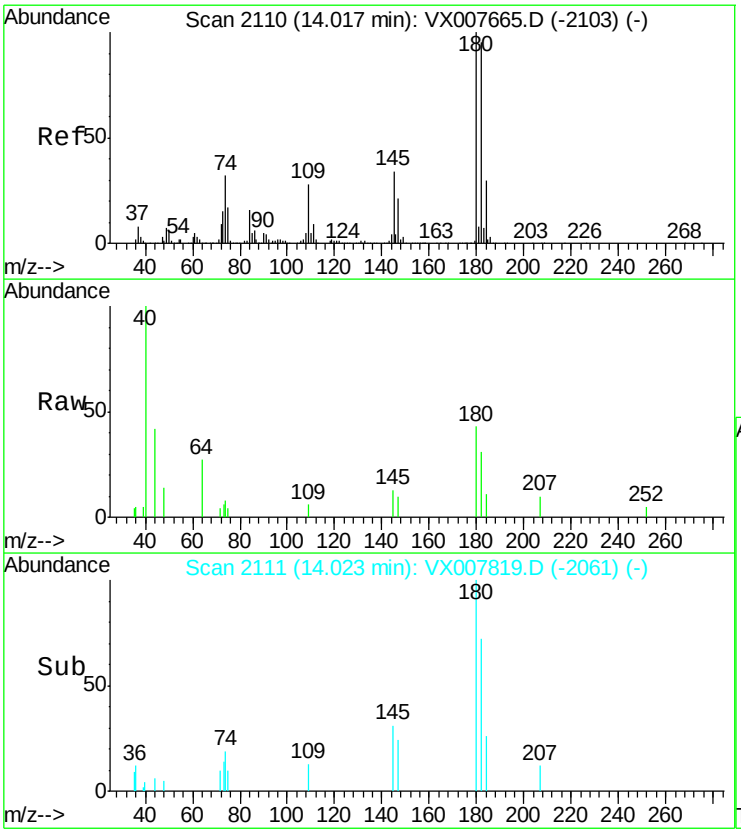
#95
Naphthalene
Concen: 0.326 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Instrument : MSVOA_X
ClientSampleId : M2-T5-OZ(POST-HYPO)RE

Tgt Ion:128 Resp: 3118

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.5	15.7
129	10.4	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.245 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007819.D
Acq: 04 Mar 2019 19:02

Tgt Ion:180 Resp: 726

Ion	Ratio	Lower	Upper
180	100		
182	105.2	47.5	142.6
145	32.4	14.9	44.5