Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011547.D
Acq On : 13 Aug 2019 19:35
Operator : JC/SP
Sample : K4266-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : R1-R2-A3-(4.3)

Quant Time: Aug 14 01:10:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	275450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111676	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.42%			
35) Dibromofluoromethane	5.49	113	94005	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
50) Toluene-d8	8.71	98	361026	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.84%			
62) 4-Bromofluorobenzene	11.13	95	118265	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.86%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	444	0.325	ug/l #	73
6) Chloroethane	1.71	64	233	Below Cal		94
8) Diethyl Ether	2.18	74	346	0.284	ug/l	80
11) Tert butyl alcohol	3.01	59	3497	8.692	ug/l #	80
13) Acrolein	2.28	56	86	Below Cal	#	15
14) Allyl chloride	2.70	41	490	0.201	ug/l #	57
16) Acetone	2.43	43	7975	8.283	ug/l	97
18) Methyl Acetate	2.77	43	2119	0.963	ug/l	93
20) Methylene Chloride	2.85	84	7168	3.400	ug/l	90
25) 2-Butanone	4.69	43	1450	1.059	ug/l #	71
29) Tetrahydrofuran	5.14	42	552	0.657	ug/l #	81
36) 1,1-Dichloropropene	5.65	75	14453	5.472	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19427	7.310	ug/l #	15
43) Isopropyl Acetate	6.44	43	35040	8.272	ug/l	98
48) Methyl methacrylate	7.68	41	1993	1.000	ug/l #	10
49) 1,4-Dioxane	7.80	88	19	0.329	ug/l #	29
51) 4-Methyl-2-Pentanone	8.61	43	33917	12.406	ug/l #	51
53) t-1,3-Dichloropropene	9.01	75	153	2.888	ug/l #	83
54) cis-1,3-Dichloropropene	8.61	75	16355	5.549	ug/l #	68
57) 1,3-Dichloropropane	9.54	76	3152	0.930	ug/l #	43
59) 2-Hexanone	9.54	43	40221	18.994	ug/l #	50
74) N-amyl acetate	10.83	43	1680	0.573	ug/l #	48
76) 1,2,3-Trichloropropane	11.13	75	60821	28.158	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	60821	72.908	ug/l #	10

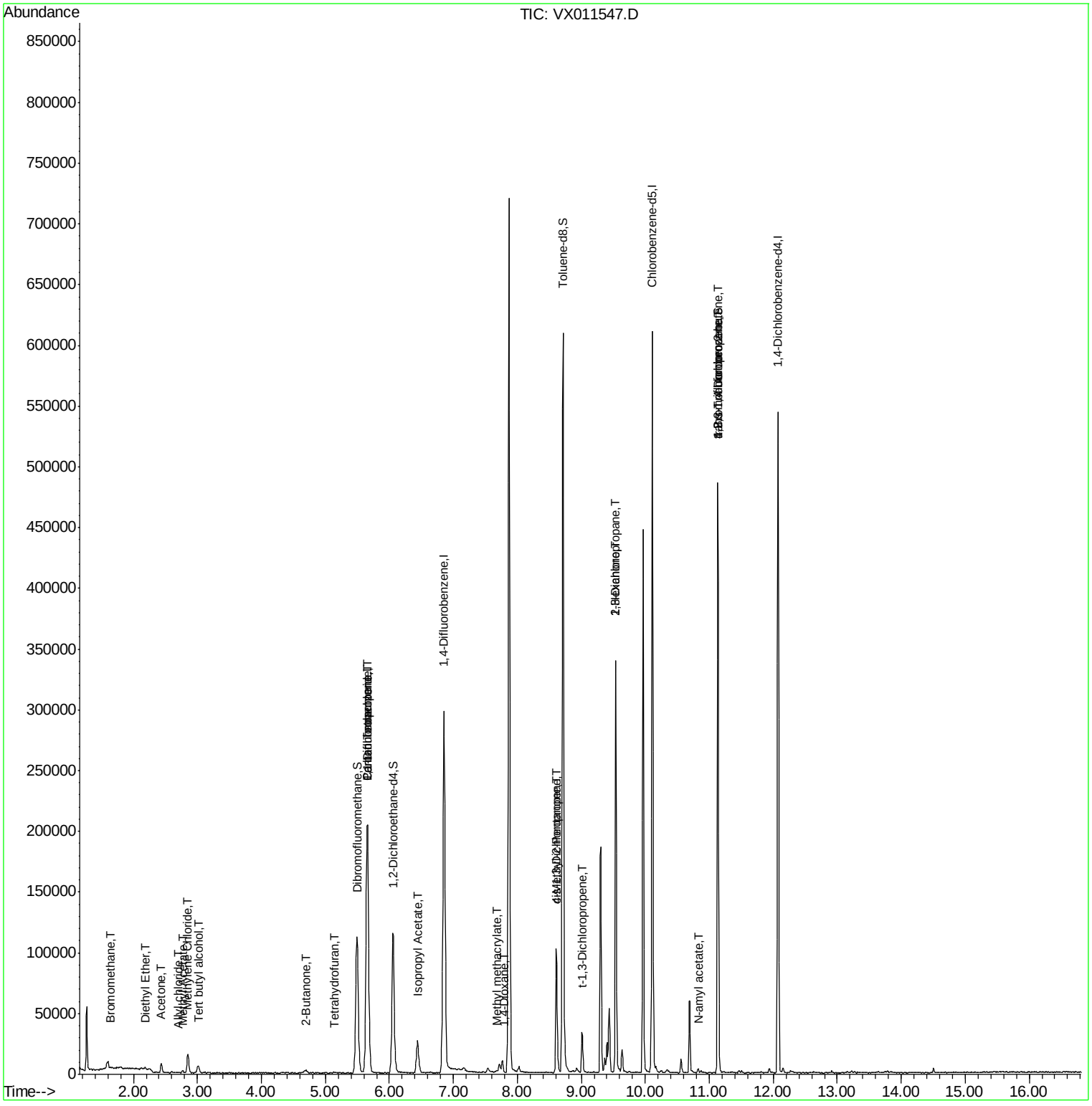
(#) = qualifier out of range (m) = manual integration (+) = signals summed

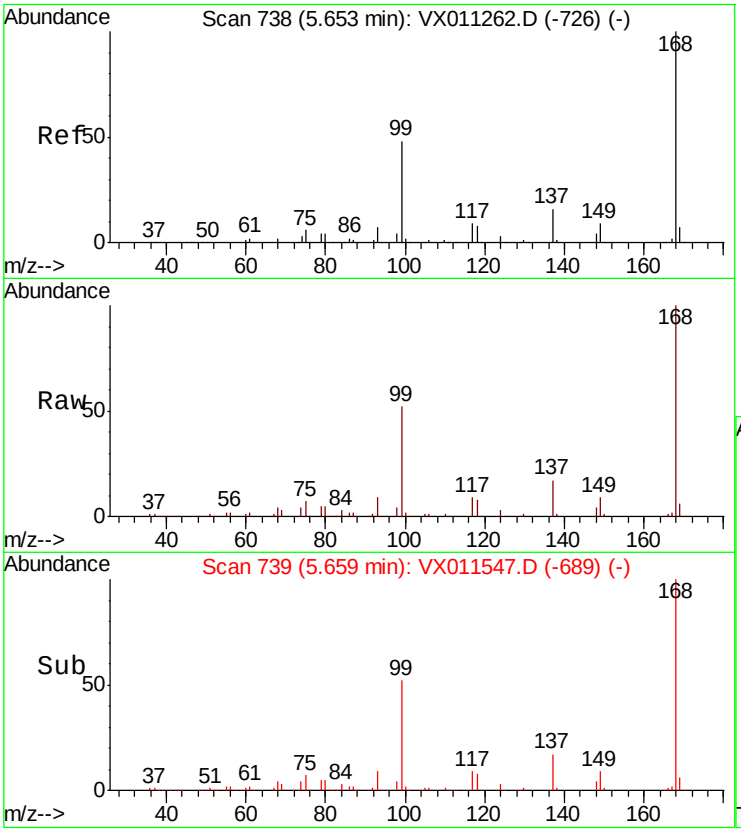
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081319\
Data File : VX011547.D
Acq On : 13 Aug 2019 19:35
Operator : JC/SP
Sample : K4266-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Quant Time: Aug 14 01:10:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



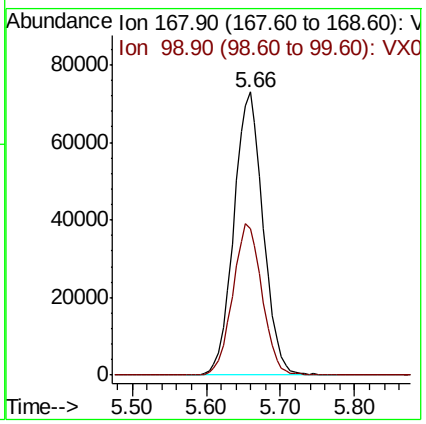


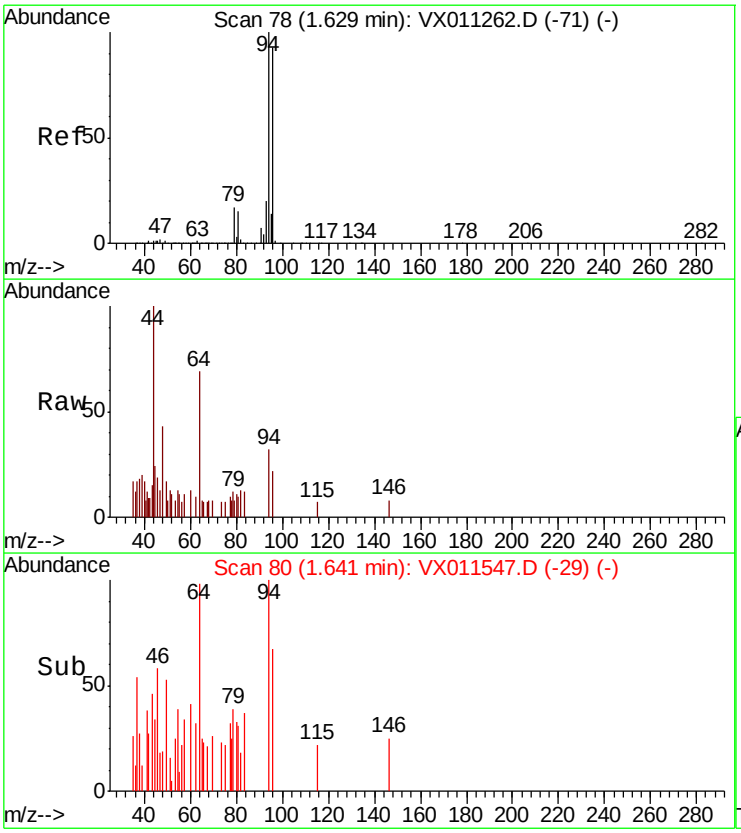
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion:168 Resp: 200857

Ion	Ratio	Lower	Upper
168	100		
99	51.5	38.5	57.7

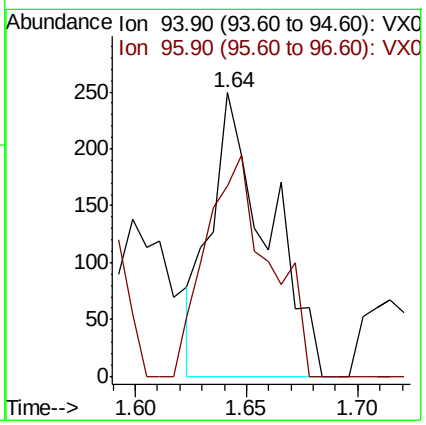


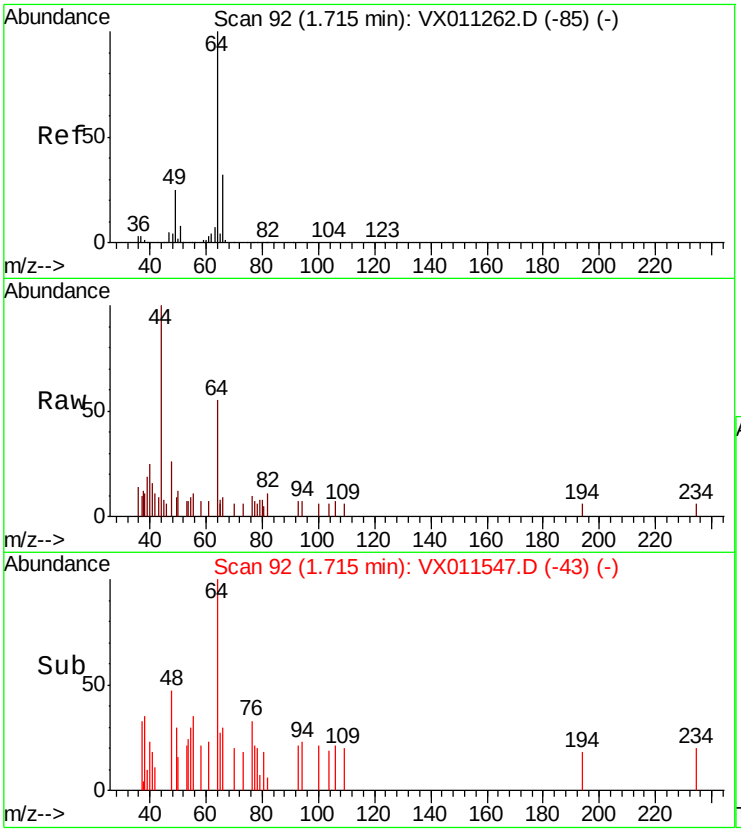


#5
Bromomethane
Concen: 0.325 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 94 Resp: 444

Ion	Ratio	Lower	Upper
94	100		
96	67.1	74.6	112.0#



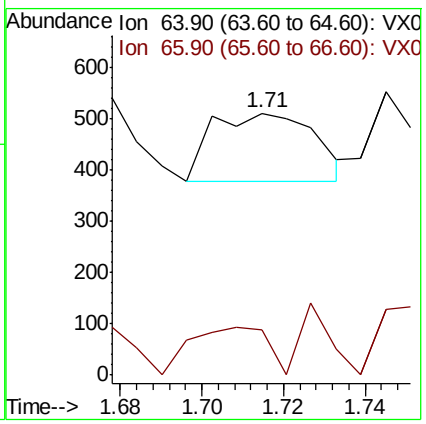


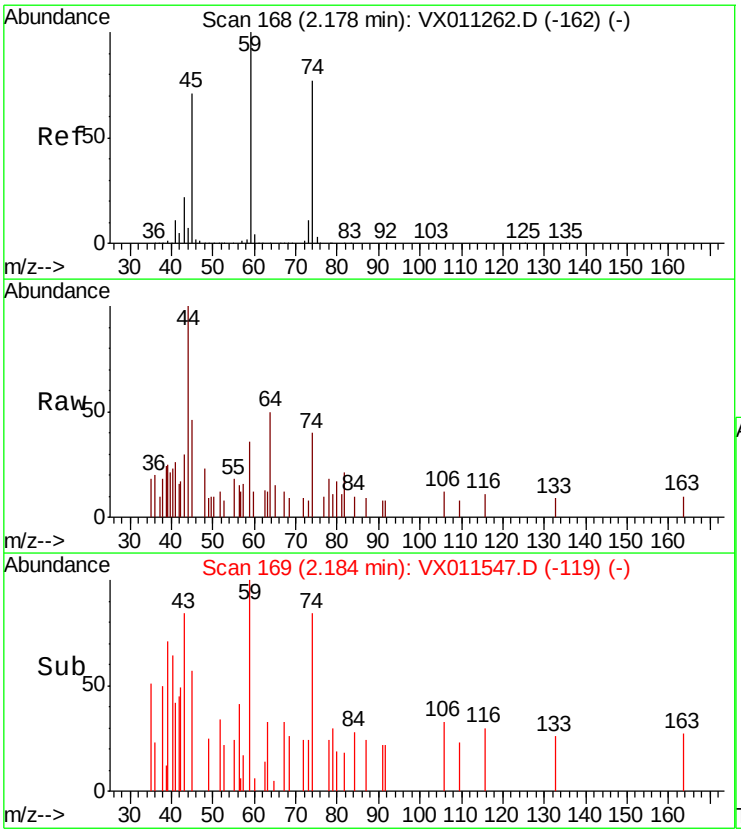
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 64 Resp: 233

Ion	Ratio	Lower	Upper
64	100		
66	28.0	25.1	37.7

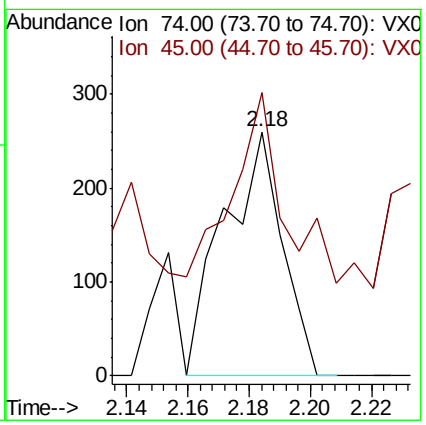


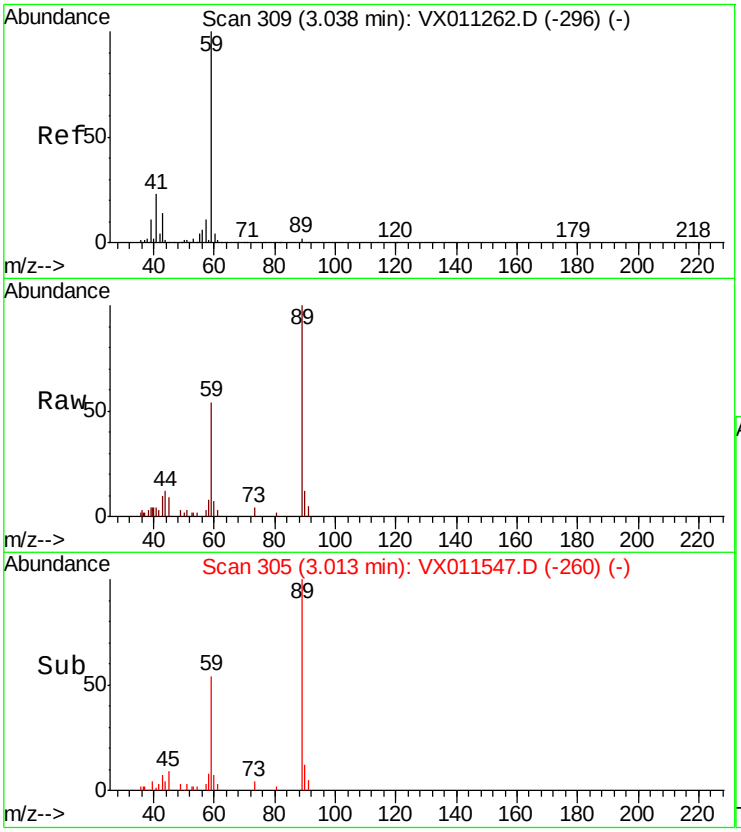


#8
Diethyl Ether
Concen: 0.284 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 74 Resp: 346

Ion	Ratio	Lower	Upper
74	100		
45	72.8	46.1	138.3



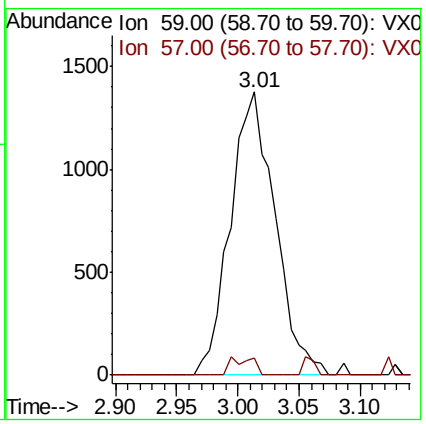


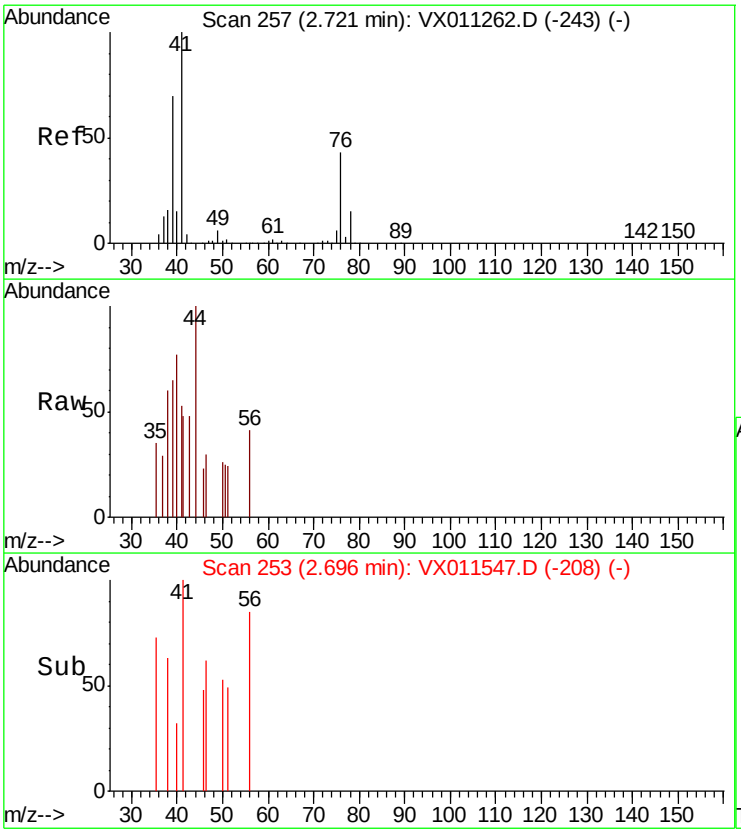
#11
Tert butyl alcohol
Concen: 8.692 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.02 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument : MSVOA_X
ClientSampleId : R1-R2-A3-(4.3)

Tgt Ion: 59 Resp: 3497

Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.3	12.5#

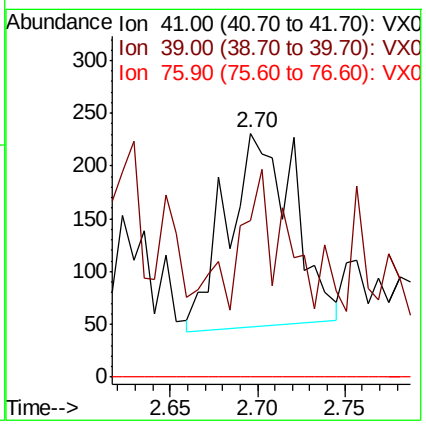


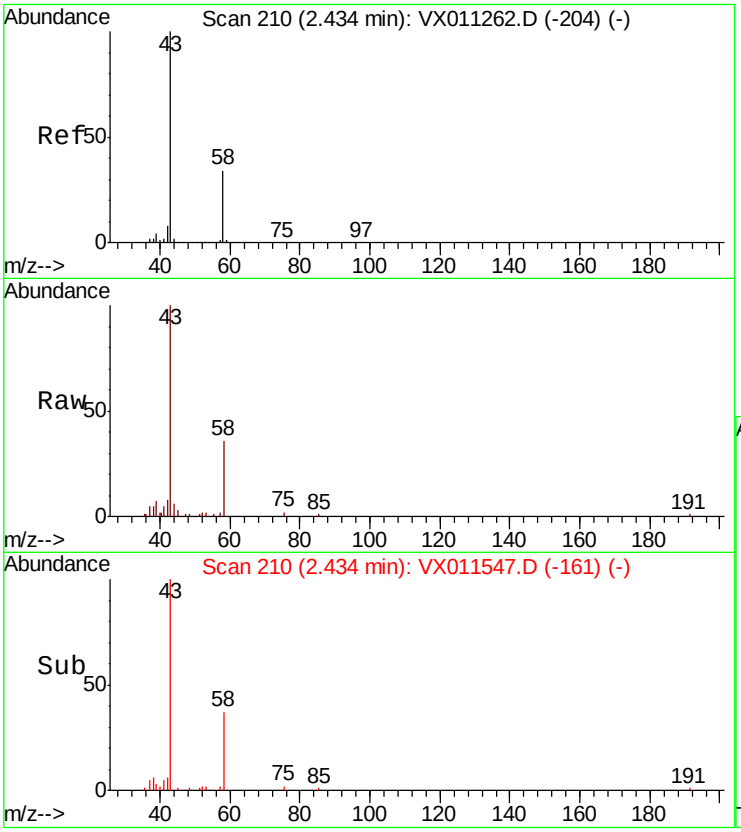


#14
Allyl chloride
Concen: 0.201 ug/l
RT: 2.70 min Scan# 253
Delta R.T. -0.02 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 41 Resp: 490

Ion	Ratio	Lower	Upper
41	100		
39	42.0	52.8	79.2#
76	0.0	31.1	46.7#



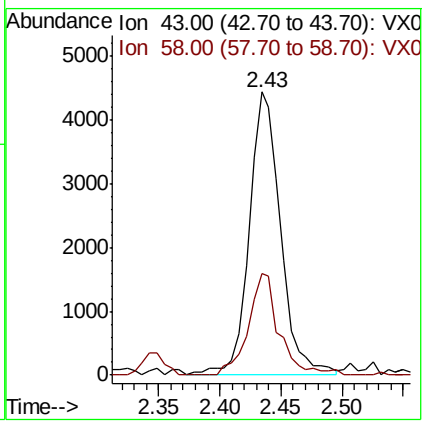


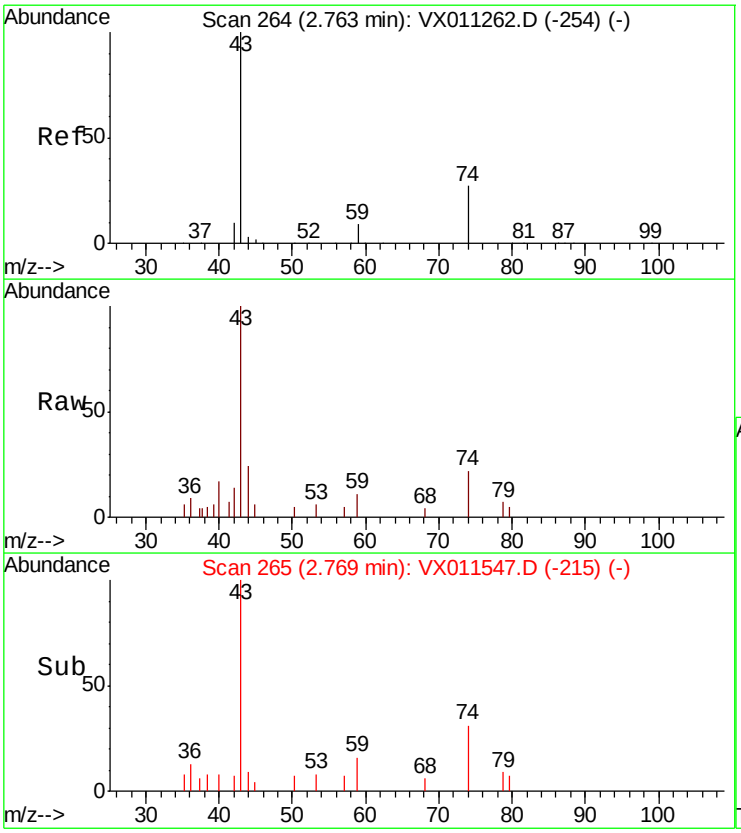
#16
Acetone
Concen: 8.283 ug/l
RT: 2.43 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 43 Resp: 7975

Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.4	41.0

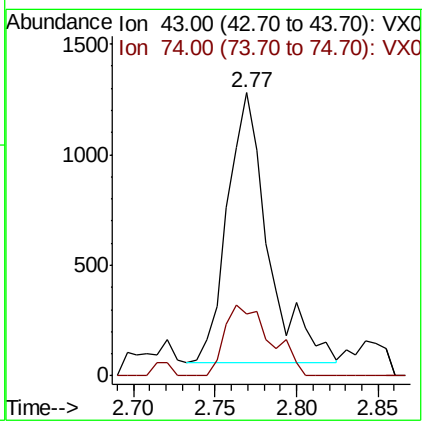


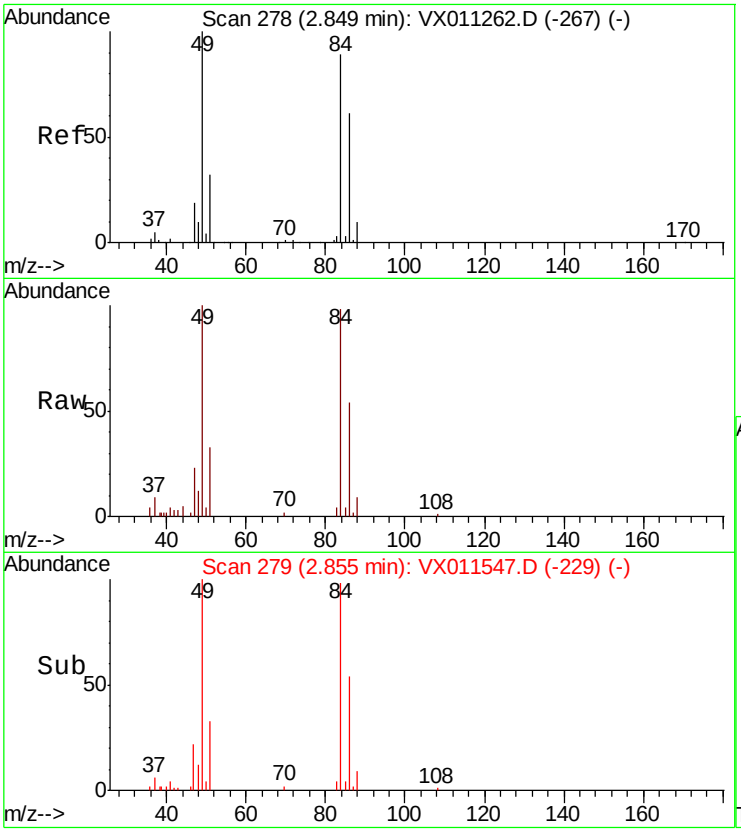


#18
Methyl Acetate
Concen: 0.963 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 43 Resp: 2119

Ion	Ratio	Lower	Upper
43	100		
74	29.7	21.0	31.6



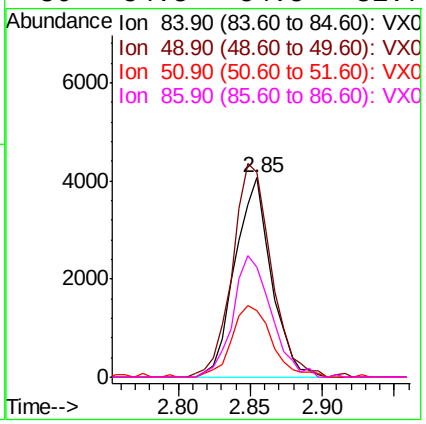


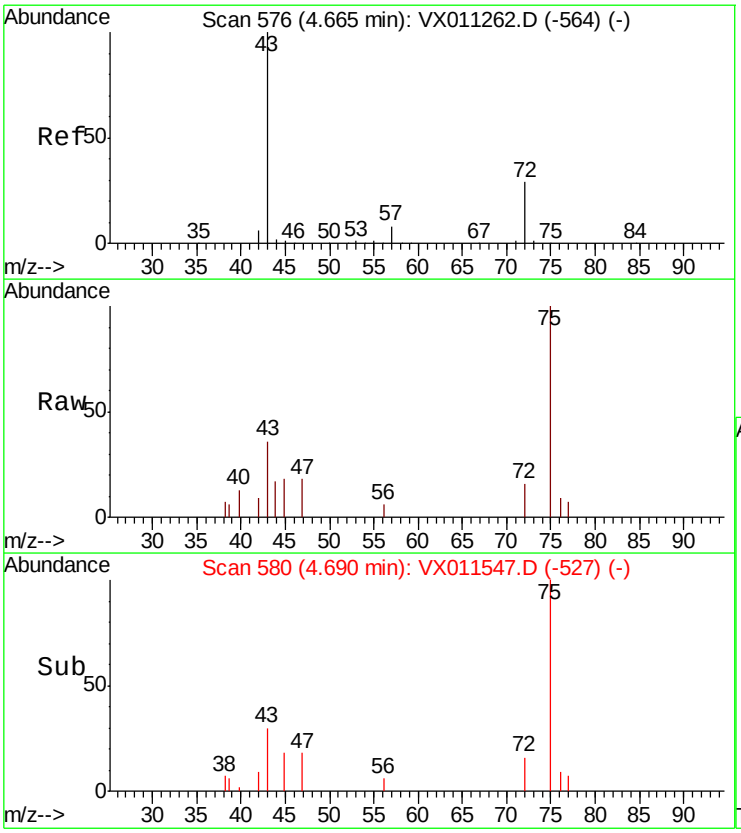
#20
Methylene Chloride
Concen: 3.400 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument : MSVOA_X
ClientSampleId : R1-R2-A3-(4.3)

Tgt Ion: 84 Resp: 7168

Ion	Ratio	Lower	Upper
84	100		
49	102.4	89.3	133.9
51	33.3	28.3	42.5
86	54.8	54.5	81.7

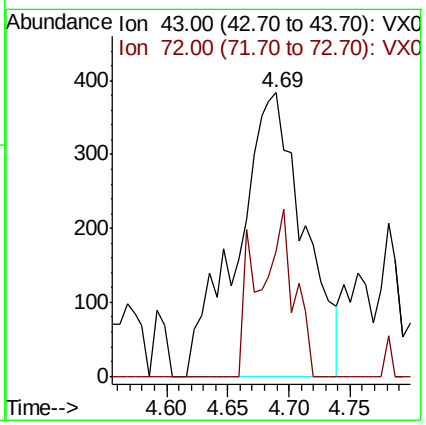


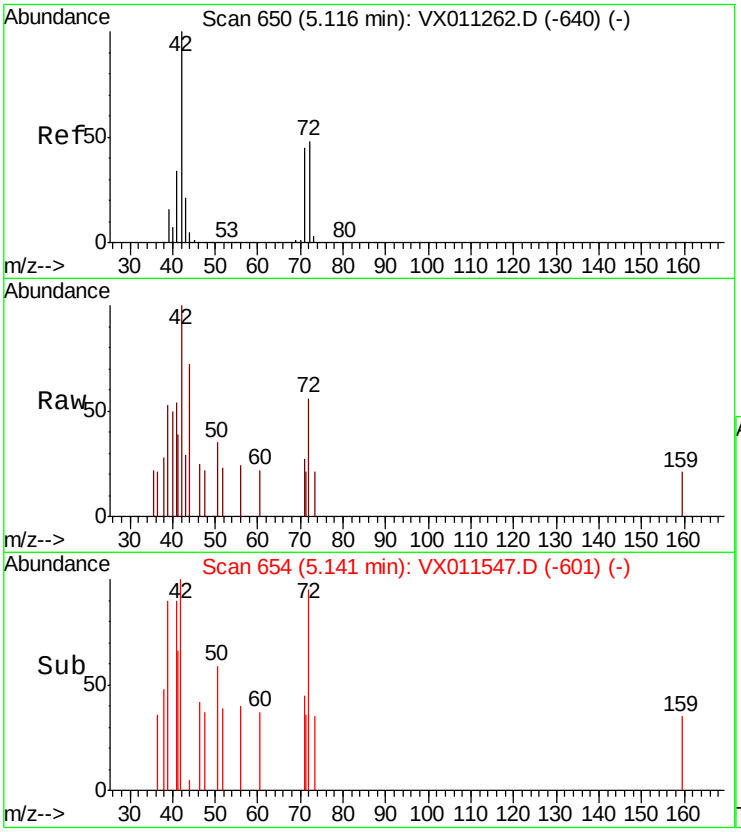


#25
2-Butanone
Concen: 1.059 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 43 Resp: 1450

Ion	Ratio	Lower	Upper
43	100		
72	44.4	23.2	34.8#



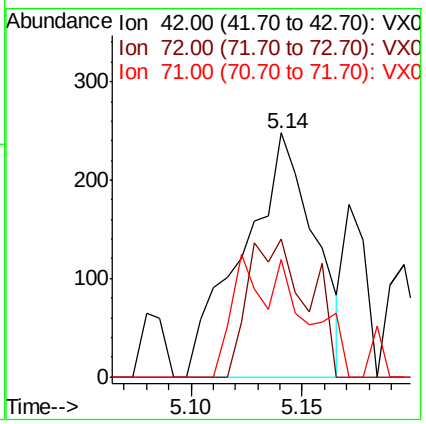


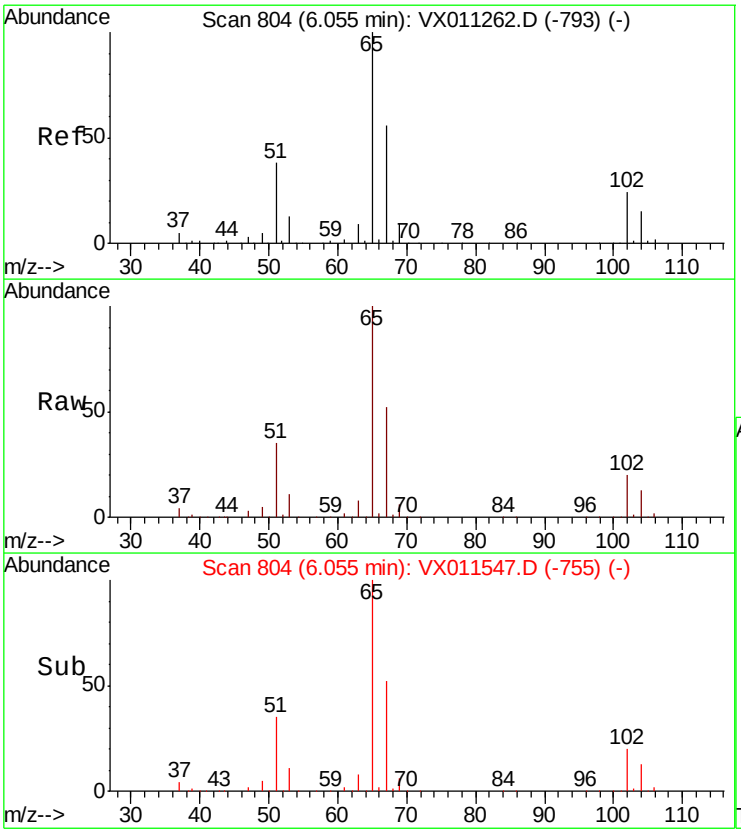
#29
Tetrahydrofuran
Concen: 0.657 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.02 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument : MSVOA_X
ClientSampleId : R1-R2-A3-(4.3)

Tgt Ion: 42 Resp: 552

Ion	Ratio	Lower	Upper
42	100		
72	47.3	39.9	59.9
71	22.1	36.9	55.3#

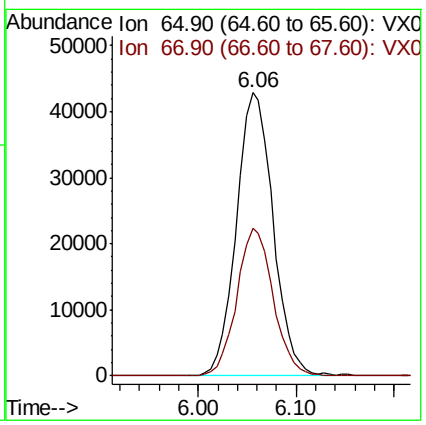


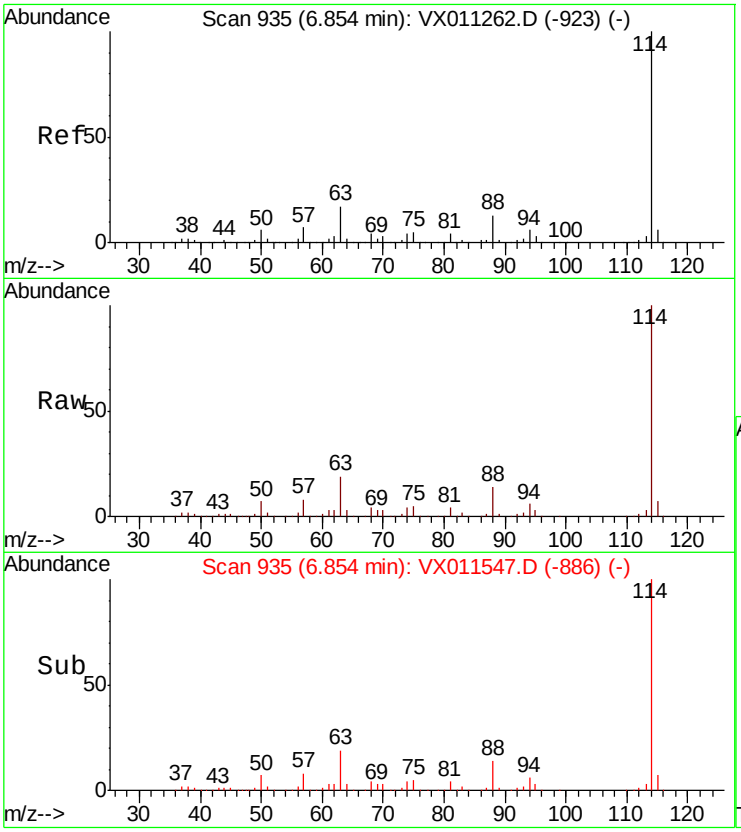


#33
1,2-Dichloroethane-d4
Concen: 55.210 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 65 Resp: 111676

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	110.6



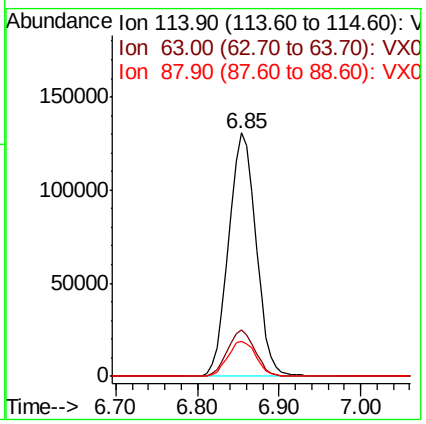


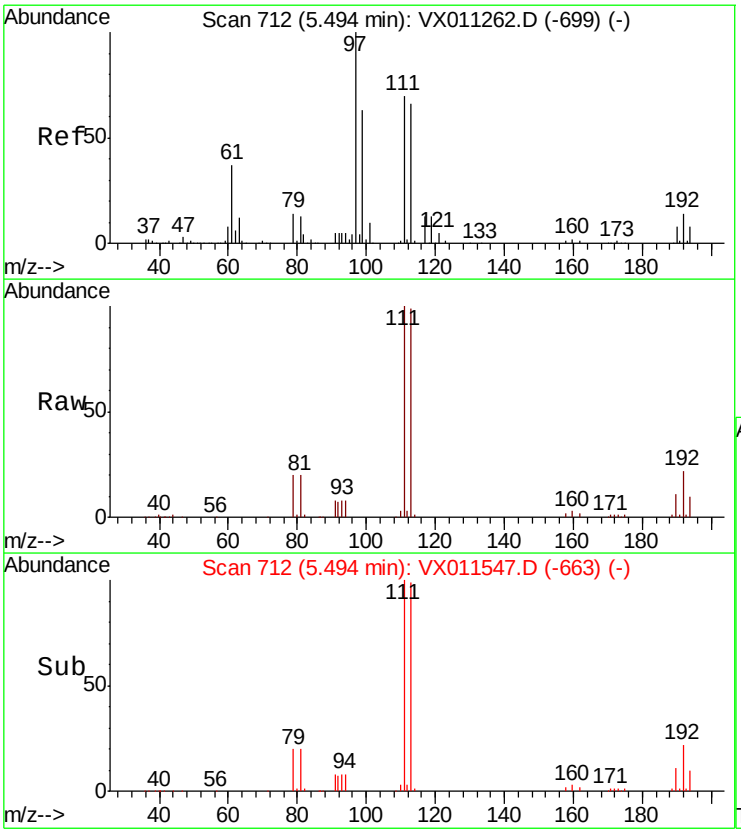
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion:114 Resp: 302545

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	34.0
88	14.2	0.0	26.4

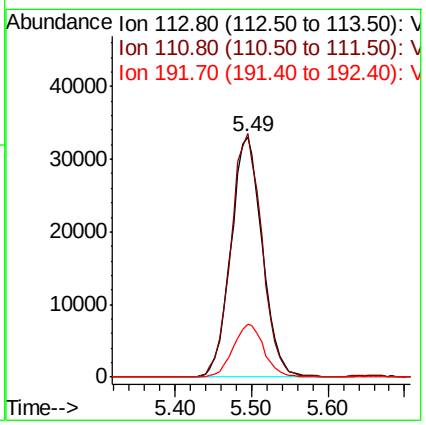


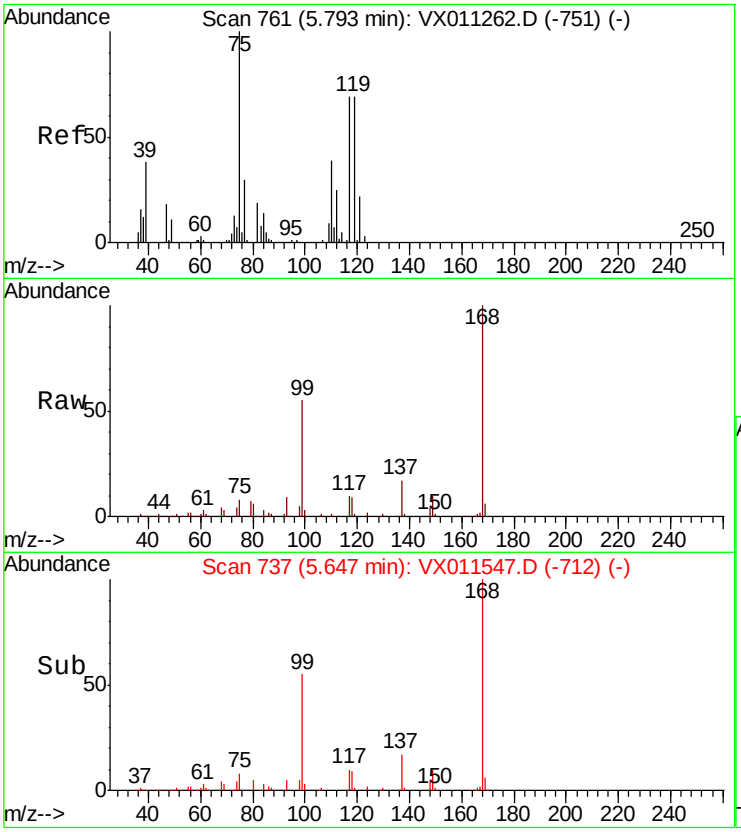


#35
Dibromofluoromethane
Concen: 47.591 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion:113 Resp: 94005

Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	21.5	17.8	26.8



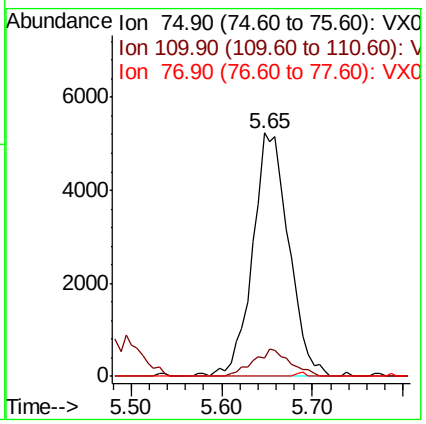


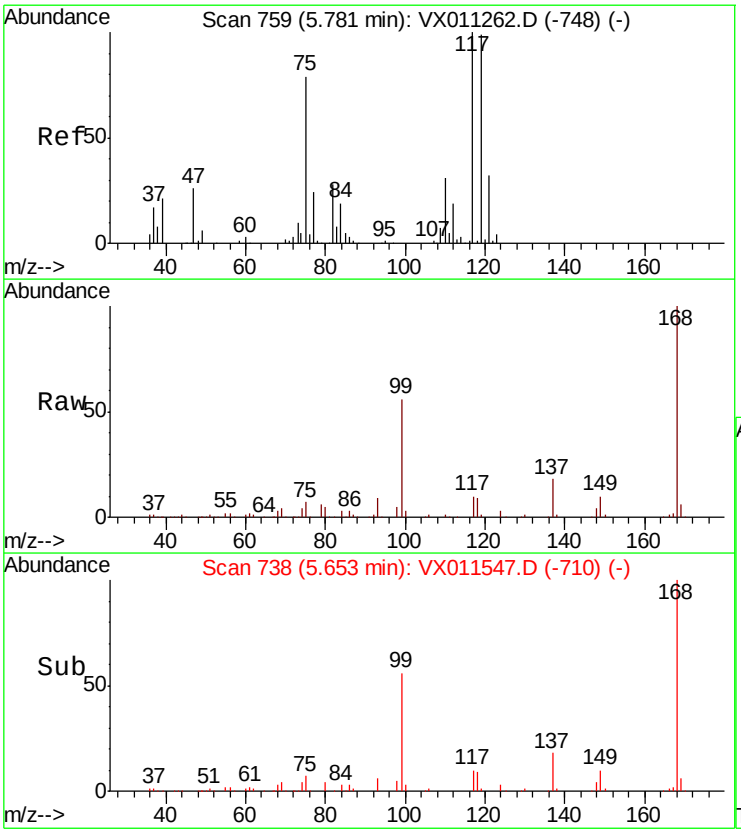
#36
1,1-Dichloropropene
Concen: 5.472 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.15 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 75 Resp: 14453

Ion	Ratio	Lower	Upper
75	100		
110	11.3	20.0	59.9#
77	0.0	24.8	37.2#

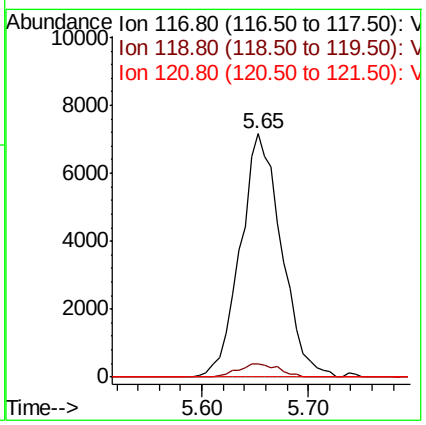


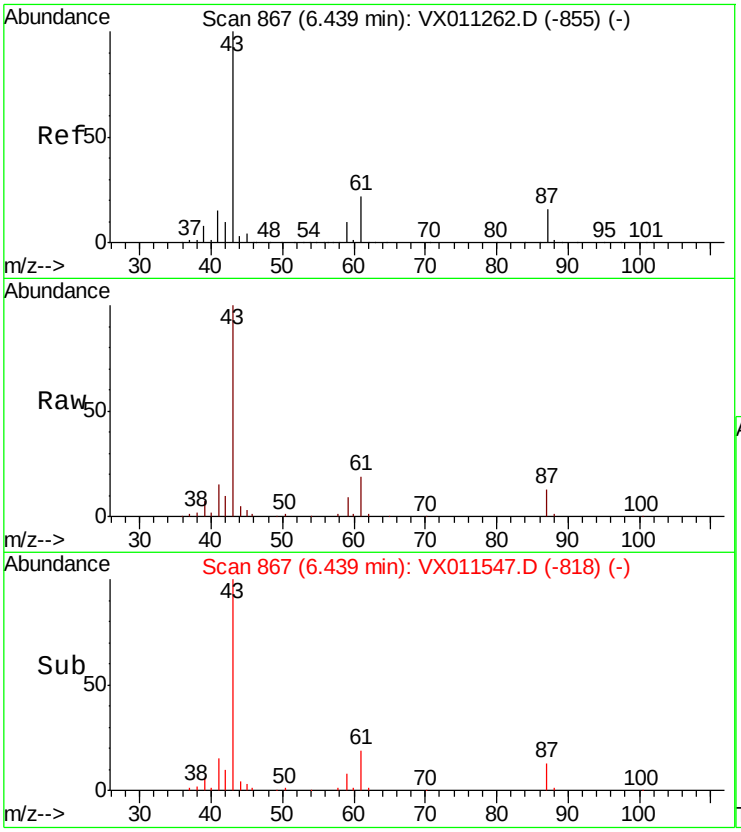


#38
Carbon Tetrachloride
Concen: 7.310 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion:117 Resp: 19427

Ion	Ratio	Lower	Upper
117	100		
119	5.3	79.0	118.4#
121	0.0	25.9	38.9#



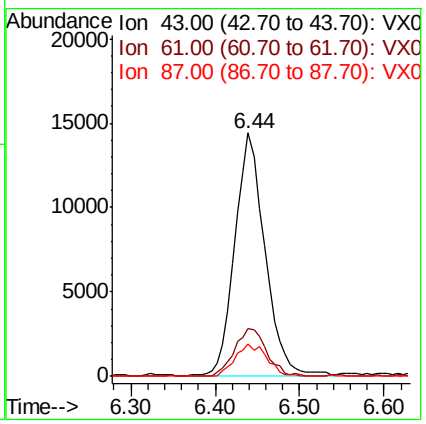


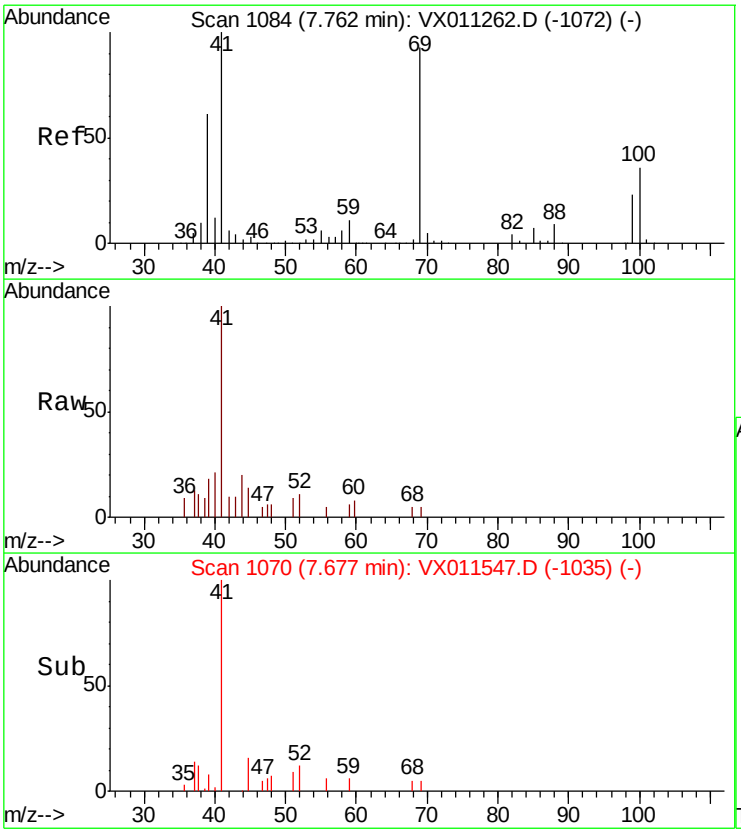
#43
Isopropyl Acetate
Concen: 8.272 ug/l
RT: 6.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 43 Resp: 35040

Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.5	24.7
87	13.8	12.1	18.1

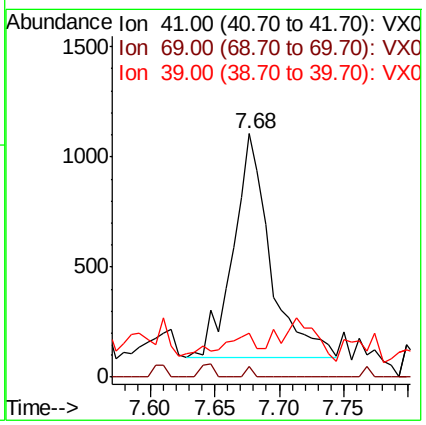


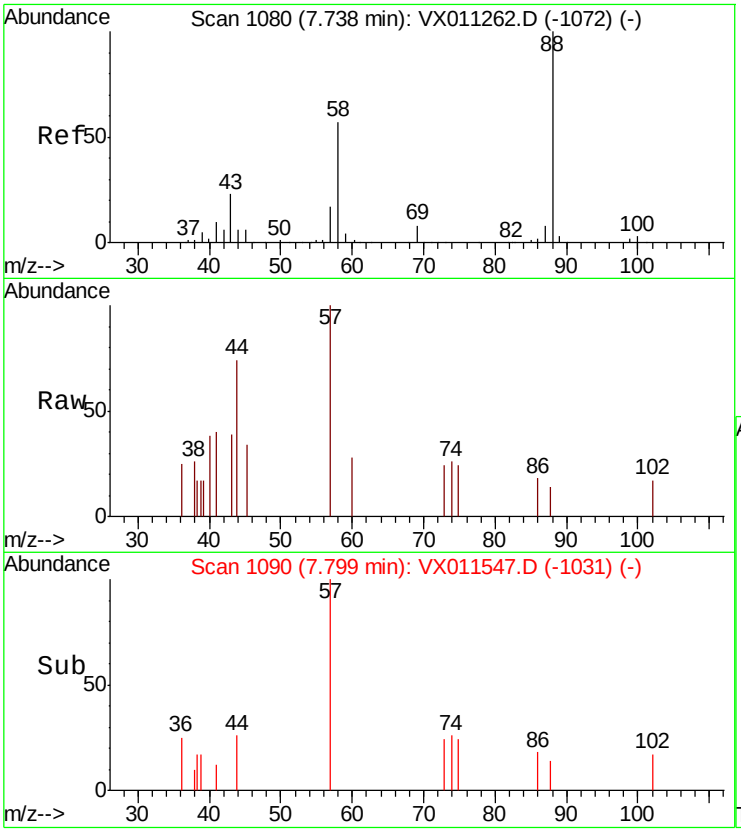


#48
Methyl methacrylate
Concen: 1.000 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 41 Resp: 1993

Ion	Ratio	Lower	Upper
41	100		
69	1.0	74.5	111.7#
39	0.0	48.6	72.8#



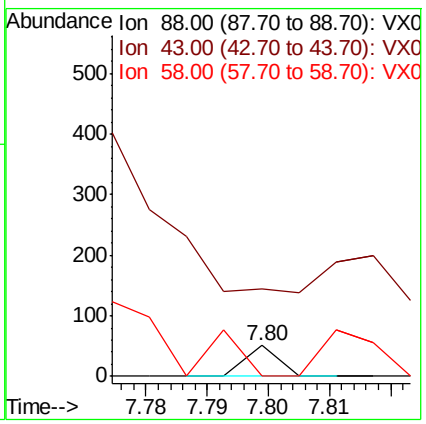


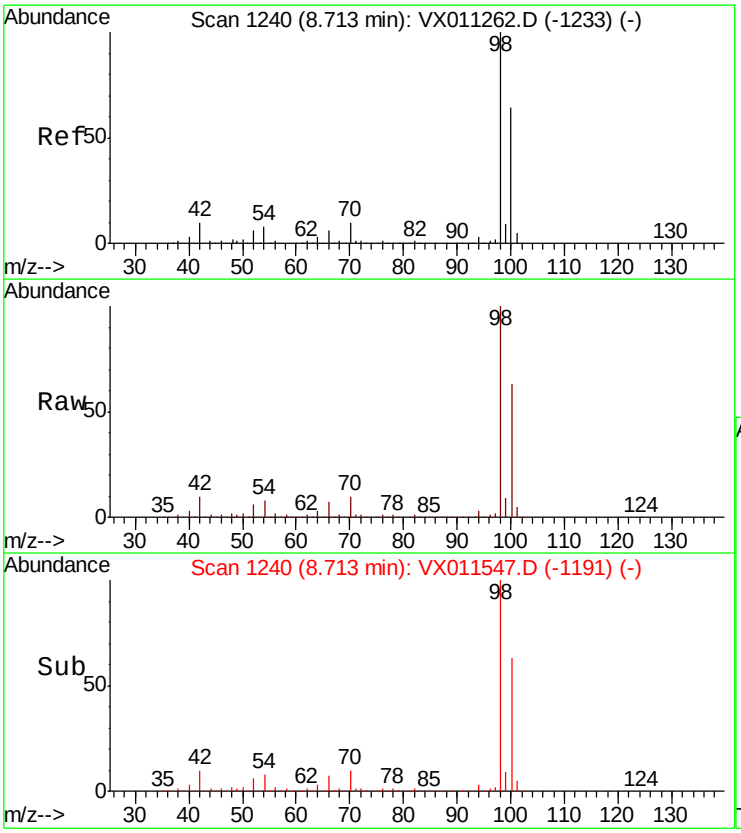
#49
1,4-Dioxane
Concen: 0.329 ug/l
RT: 7.80 min Scan# 1090
Delta R.T. 0.06 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.2#
58	0.0	47.8	71.8#

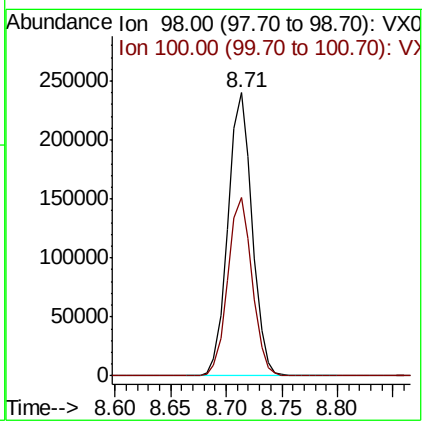


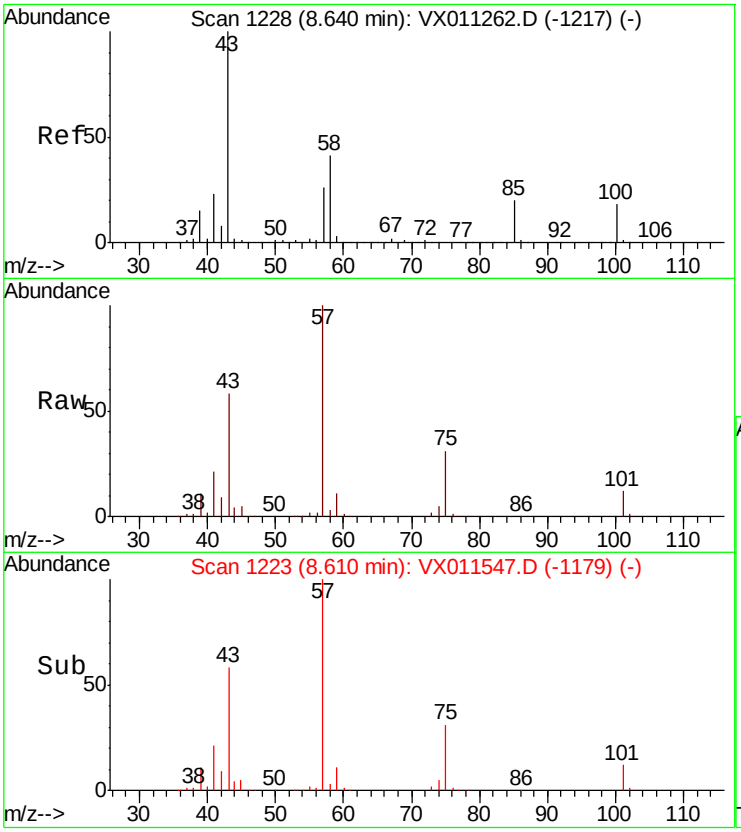


#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 98 Resp: 361026

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.7	77.5



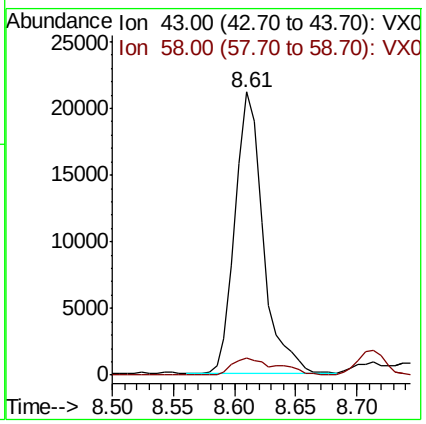


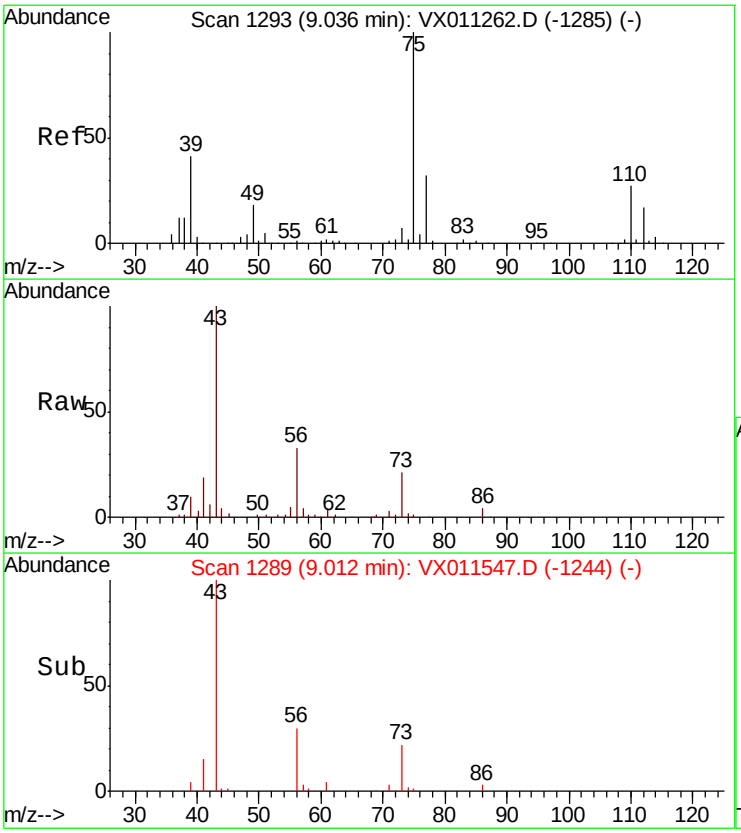
#51
4-Methyl-2-Pentanone
Concen: 12.406 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 43 Resp: 33917

Ion	Ratio	Lower	Upper
43	100		
58	10.0	32.3	48.5#

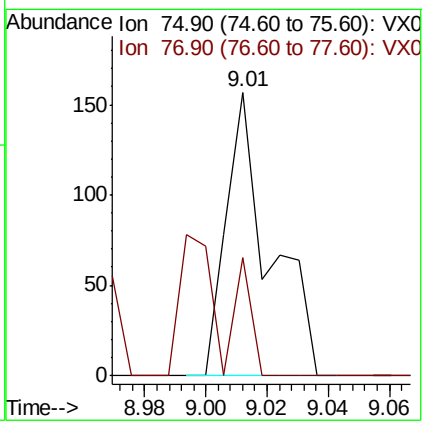


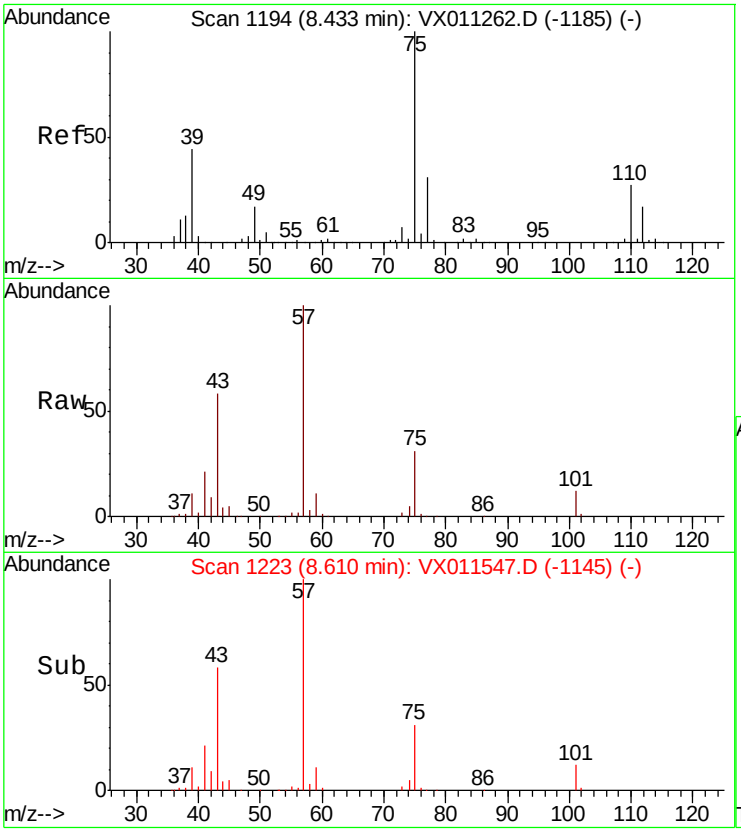


#53
t-1,3-Dichloropropene
Concen: 2.888 ug/l
RT: 9.01 min Scan# 1289
Delta R.T. -0.02 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 75 Resp: 153

Ion	Ratio	Lower	Upper
75	100		
77	41.4	25.4	38.0#



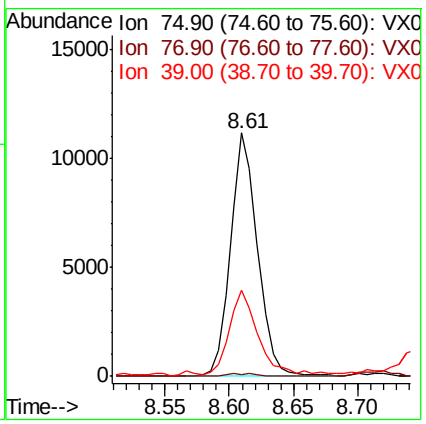


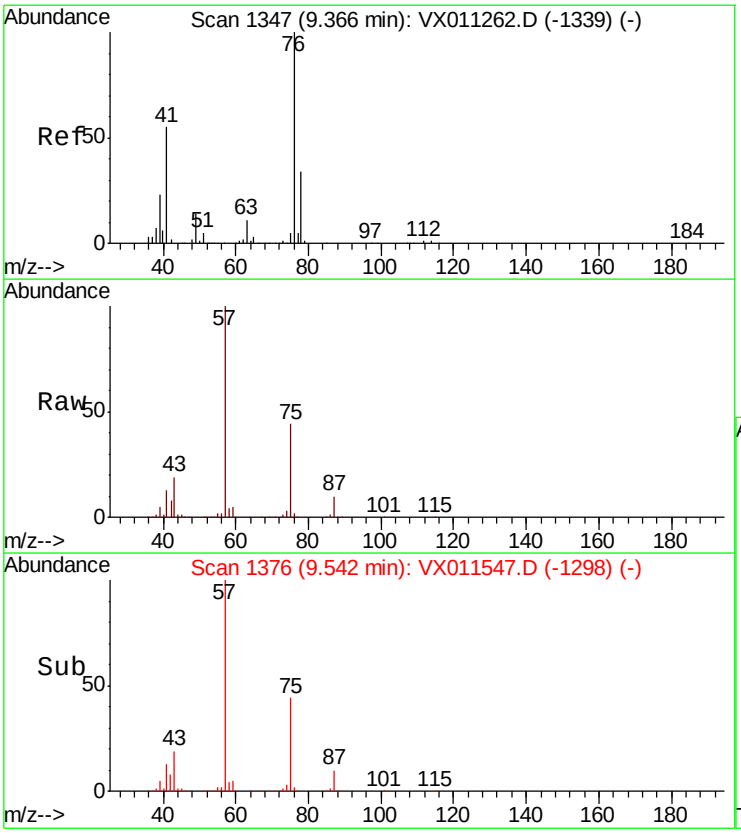
#54
cis-1,3-Dichloropropene
Concen: 5.549 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 75 Resp: 16355

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.0	37.6#
39	34.2	35.3	52.9#

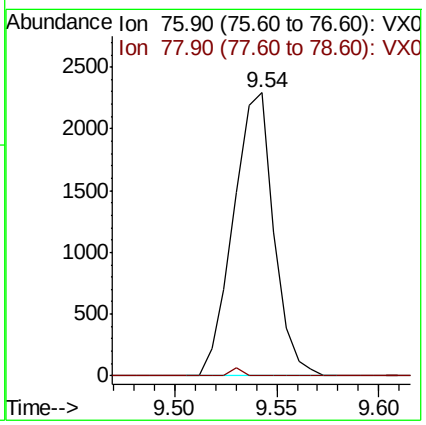


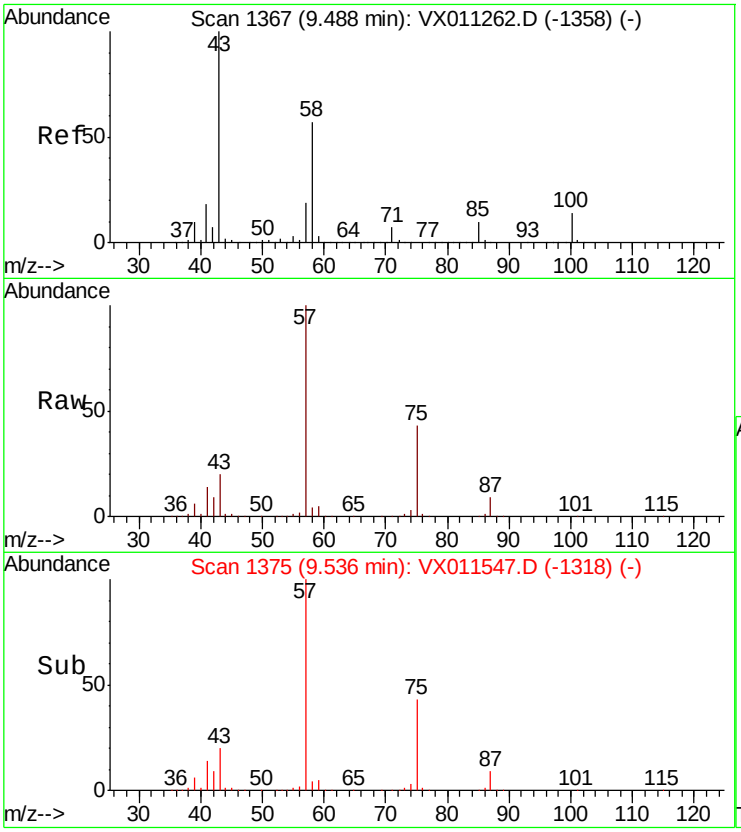


#57
1,3-Dichloropropane
Concen: 0.930 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.18 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 76 Resp: 3152

Ion	Ratio	Lower	Upper
76	100		
78	0.8	26.6	40.0#



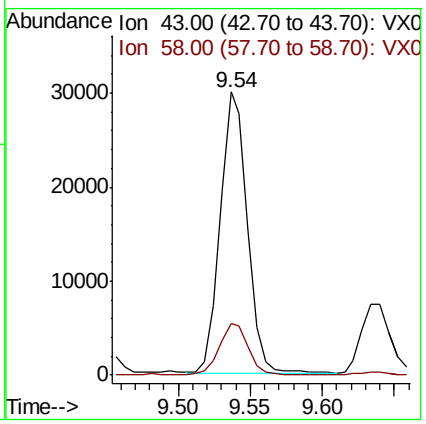


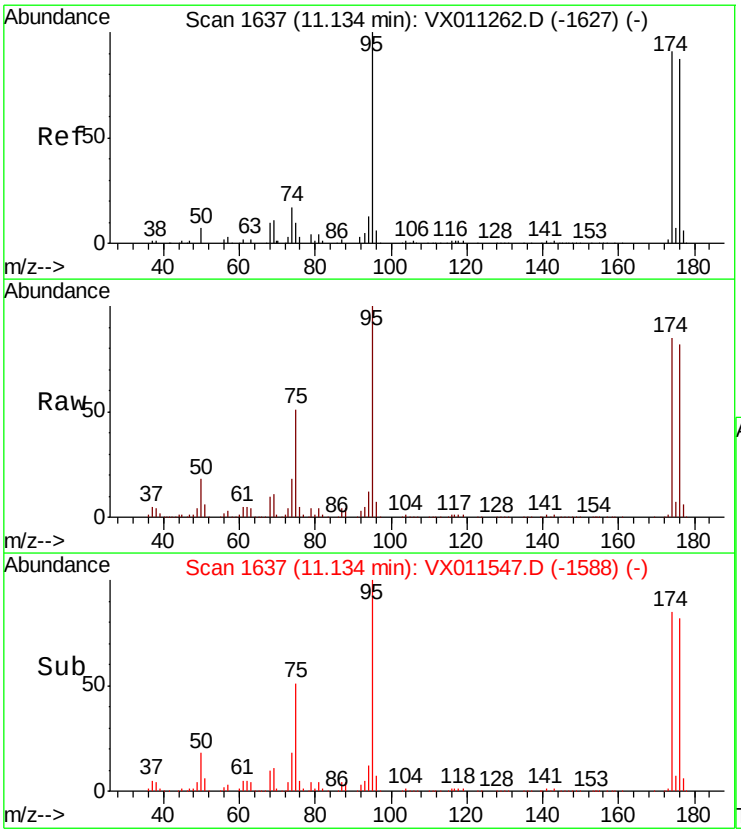
#59
2-Hexanone
Concen: 18.994 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 43 Resp: 40221

Ion	Ratio	Lower	Upper
43	100		
58	19.6	28.2	84.6#

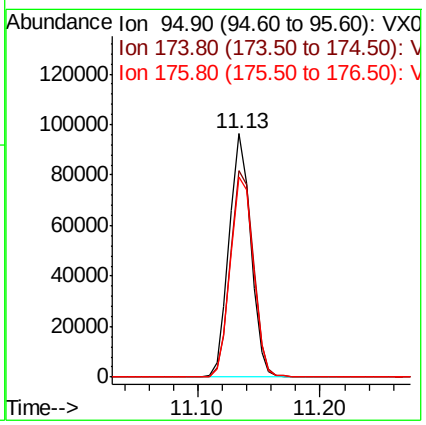


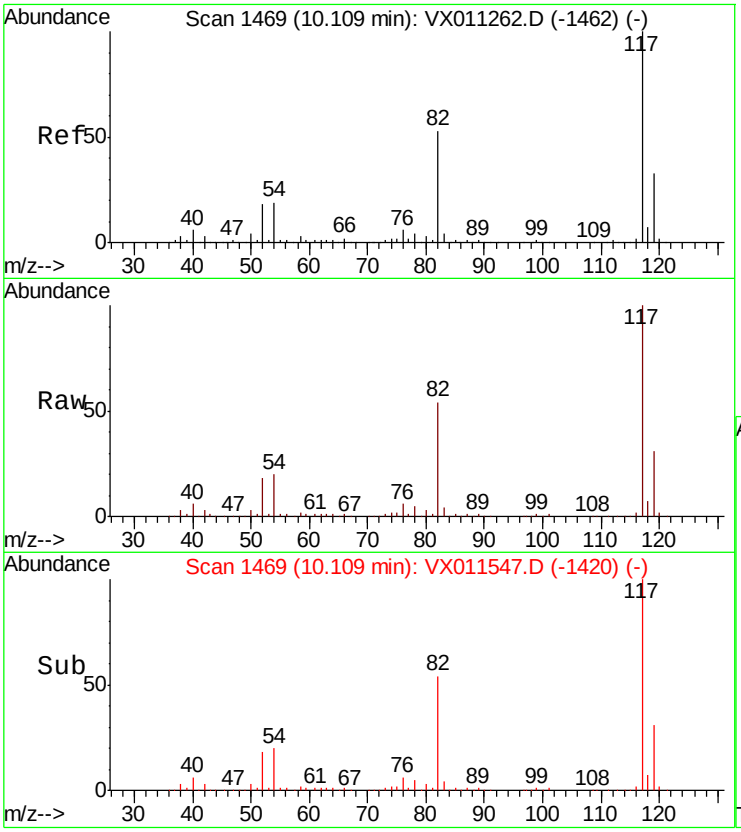


#62
4-Bromofluorobenzene
Concen: 44.427 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 95 Resp: 118265

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	191.2
176	87.1	0.0	184.8



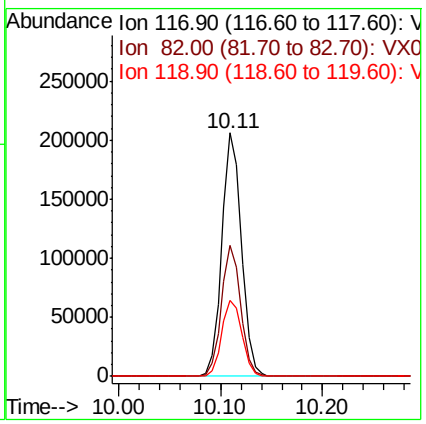


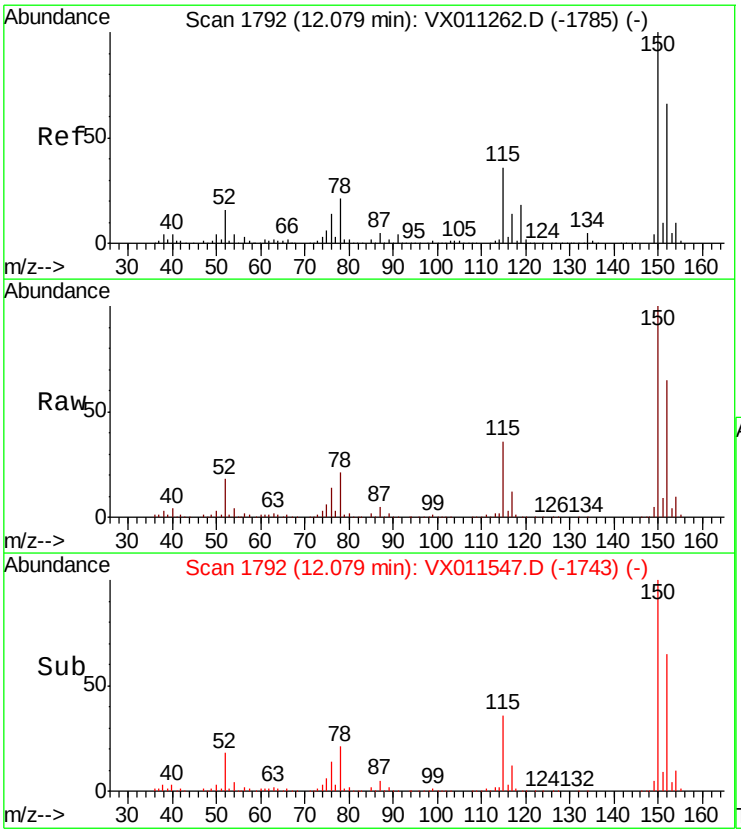
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion:117 Resp: 275450

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.2
119	31.4	26.6	39.8

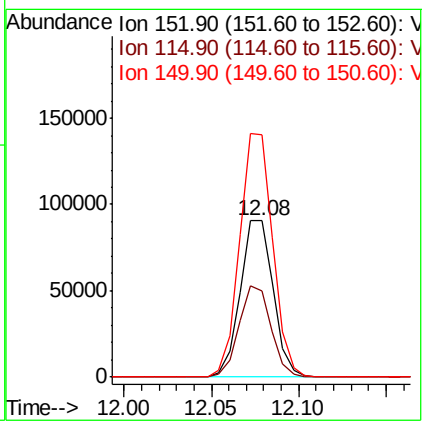


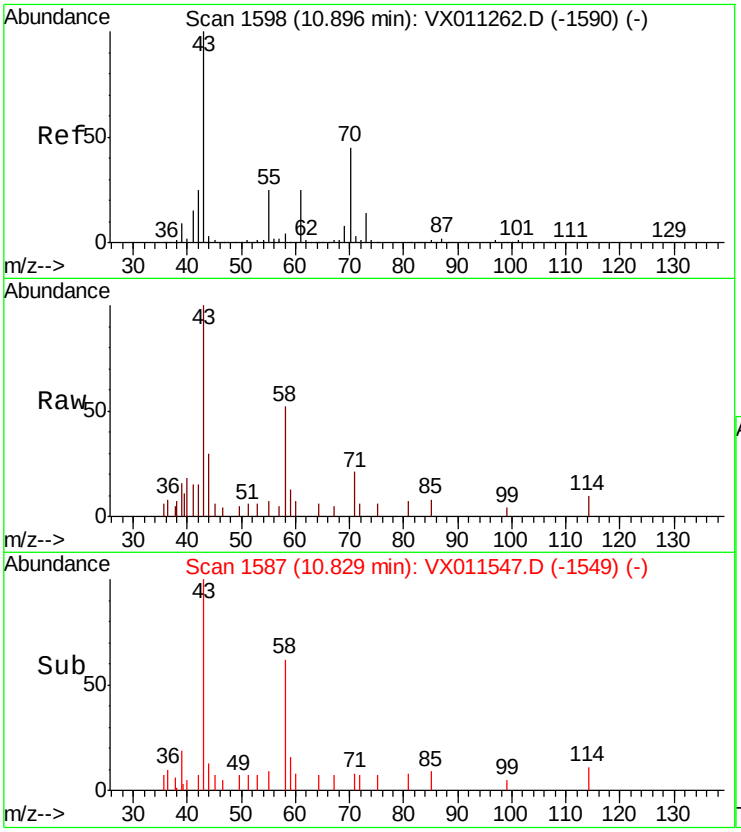


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion:152 Resp: 118609

Ion	Ratio	Lower	Upper
152	100		
115	56.9	40.0	119.9
150	156.4	0.0	350.4



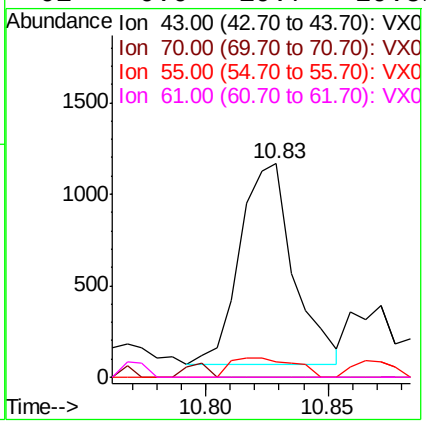


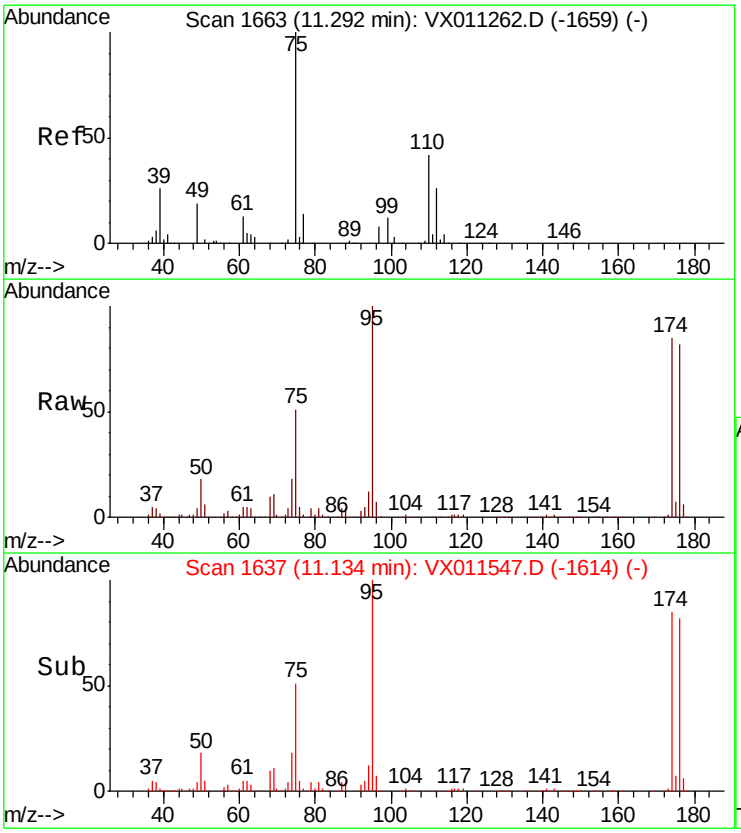
#74
N-amyl acetate
Concen: 0.573 ug/l
RT: 10.83 min Scan# 1587
Delta R.T. -0.07 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument : MSVOA_X
ClientSampleId : R1-R2-A3-(4.3)

Tgt Ion: 43 Resp: 1680

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.9	53.9#
55	11.8	19.8	29.6#
61	0.0	19.7	29.5#

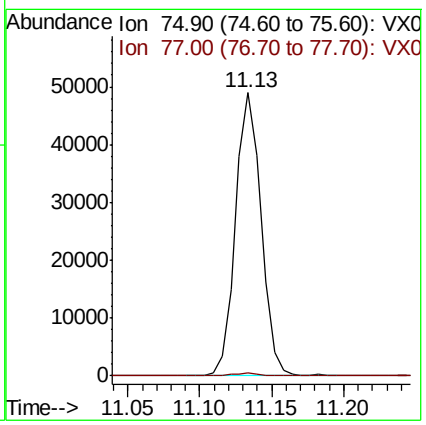


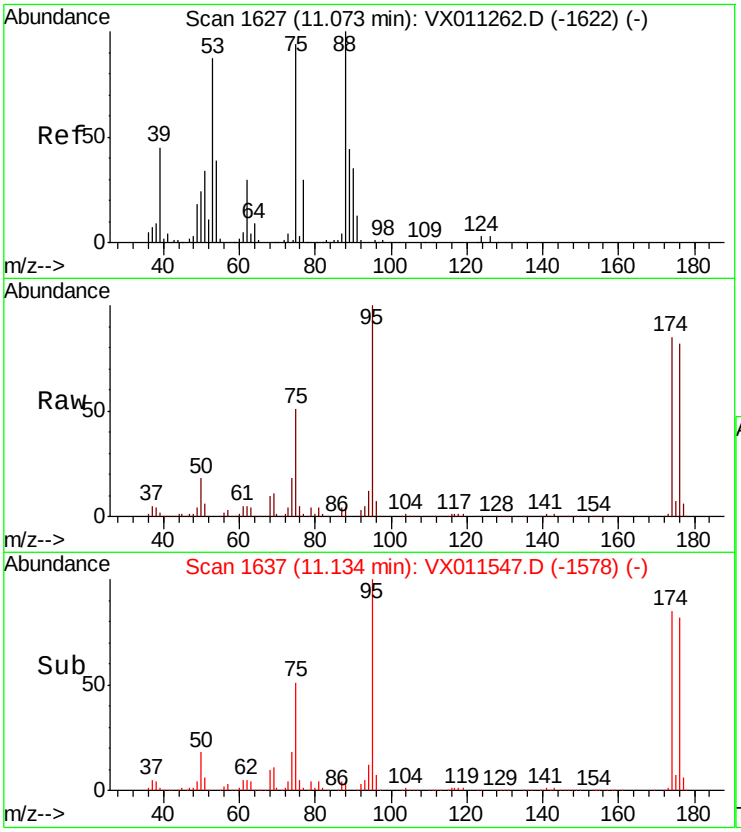


#76
1,2,3-Trichloropropane
Concen: 28.158 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 75 Resp: 60821

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.908 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011547.D
Acq: 13 Aug 2019 19:35

Instrument :
MSVOA_X
ClientSampleId :
R1-R2-A3-(4.3)

Tgt Ion: 75 Resp: 60821

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.0	37.9	56.9#