Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082819\
Data File : VX011877.D
Acq On : 28 Aug 2019 19:18
Operator : SY/SP
Sample : VX0828SBL03
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Aug 29 11:31:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 15:10:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	360738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	501253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	458402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	163931	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.42%			
35) Dibromofluoromethane	5.49	113	149614	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
50) Toluene-d8	8.71	98	588691	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
62) 4-Bromofluorobenzene	11.13	95	226847	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.03	59	3275	Below Cal		97
13) Acrolein	2.29	56	943	7.814	ug/l #	63
16) Acetone	2.43	43	22380	1.816	ug/l	97
18) Methyl Acetate	2.76	43	2943	Below Cal	#	86
25) 2-Butanone	4.68	43	2393	2.552	ug/l	91
31) Cyclohexane	5.65	56	6823	1.465	ug/l #	5
36) 1,1-Dichloropropene	5.65	75	23075	5.596	ug/l #	52
38) Carbon Tetrachloride	5.65	117	31422	7.821	ug/l #	16
49) 1,4-Dioxane	7.74	88	1174	63.962	ug/l #	80
51) 4-Methyl-2-Pentanone	8.63	43	23966	17.467	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.28	63	44	26.620	ug/l #	44
59) 2-Hexanone	9.49	43	22469	25.625	ug/l	96
73) Isopropylbenzene	11.01	105	16174	1.127	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	111329	58.337	ug/l #	38
78) n-propylbenzene	11.35	91	23646	1.498	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	14468	1.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	111329	214.738	ug/l #	13
83) tert-Butylbenzene	11.77	119	16416	1.467	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	19444	1.703	ug/l	99
85) sec-Butylbenzene	11.94	105	26415	2.033	ug/l	100
86) p-Isopropyltoluene	12.06	119	28398	2.372	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	7276	1.013	ug/l	99
88) 1,4-Dichlorobenzene	12.02	146	7276	1.046	ug/l	99
89) n-Butylbenzene	12.38	91	32113	3.234	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	9032	1.473	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	13932	3.274	ug/l	97
94) Hexachlorobutadiene	13.78	225	7624	2.457	ug/l	96
95) Naphthalene	13.83	128	29684	5.802	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	13580	3.933	ug/l	97

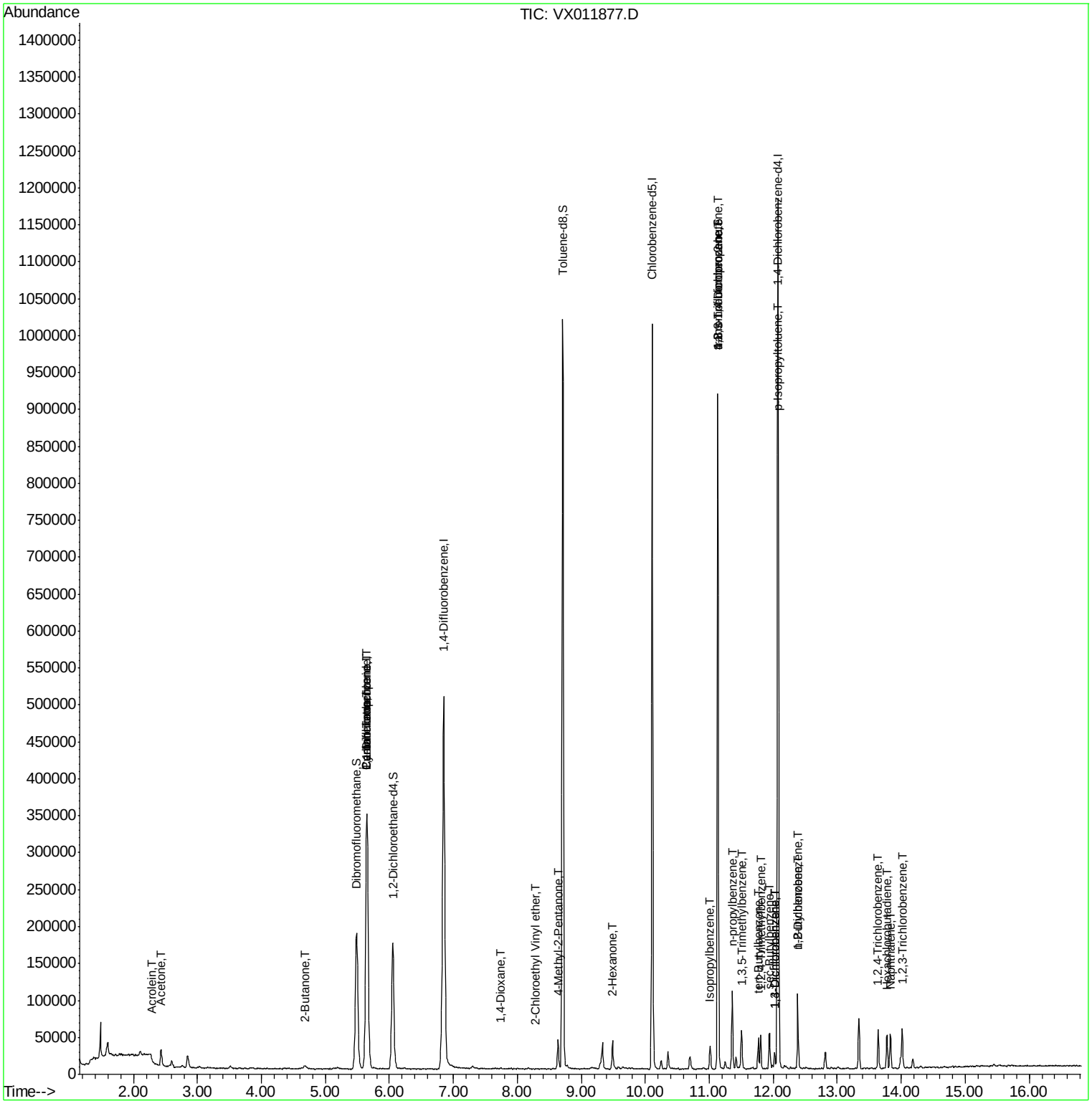
(#) = qualifier out of range (m) = manual integration (+) = signals summed

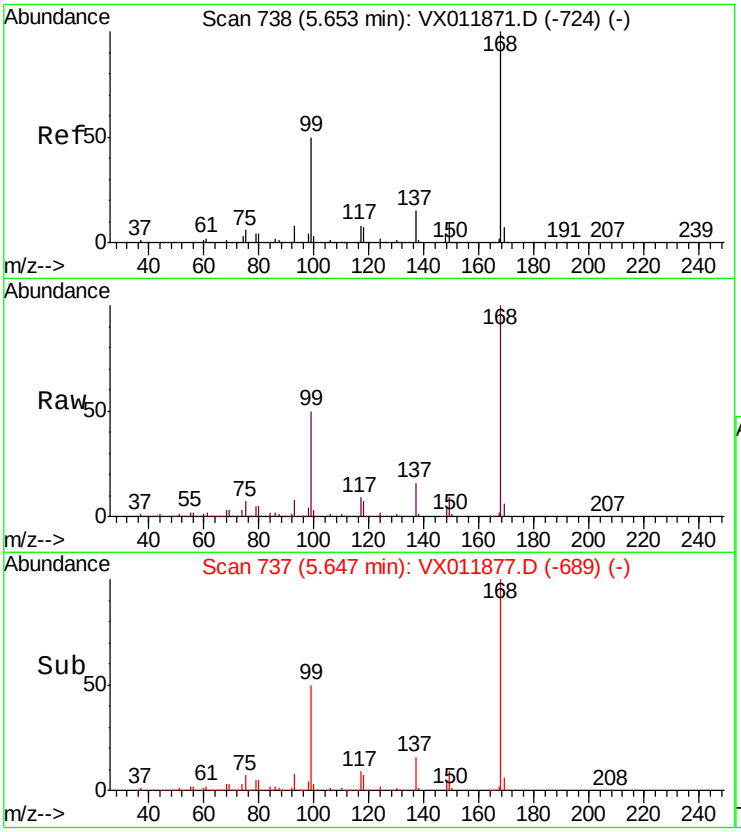
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082819\
Data File : VX011877.D
Acq On : 28 Aug 2019 19:18
Operator : SY/SP
Sample : VX0828SBL03
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 29 11:31:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082819S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 15:10:21 2019
Response via : Initial Calibration



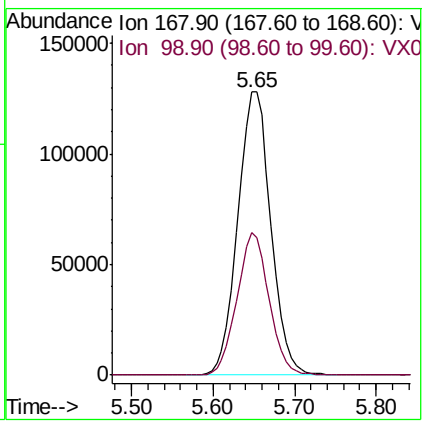


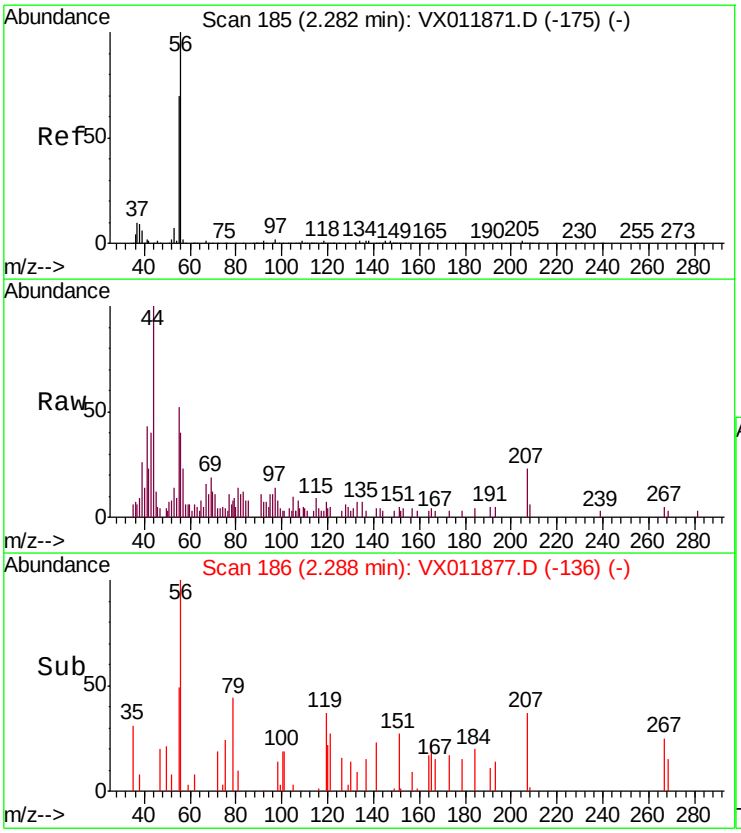
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.01 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 360738

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.6	59.4

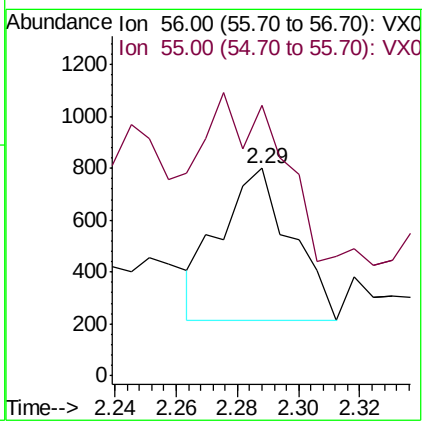


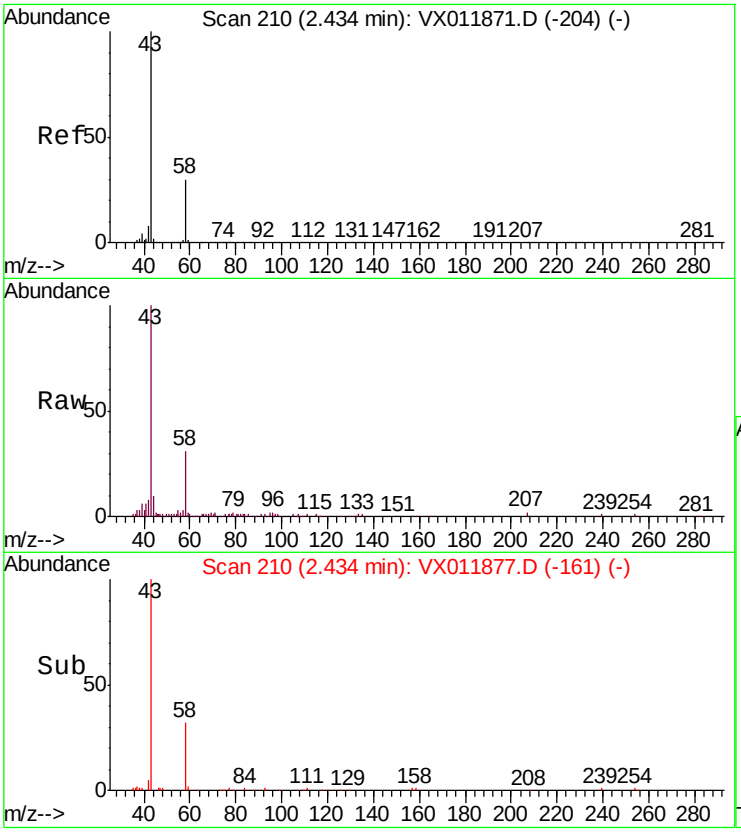


#13
Acrolein
Concen: 7.814 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 56 Resp: 943

Ion	Ratio	Lower	Upper
56	100		
55	106.8	60.2	90.4#



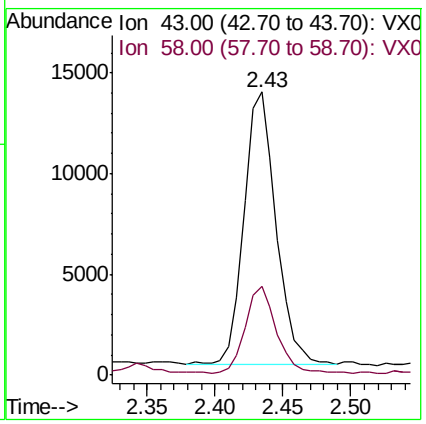


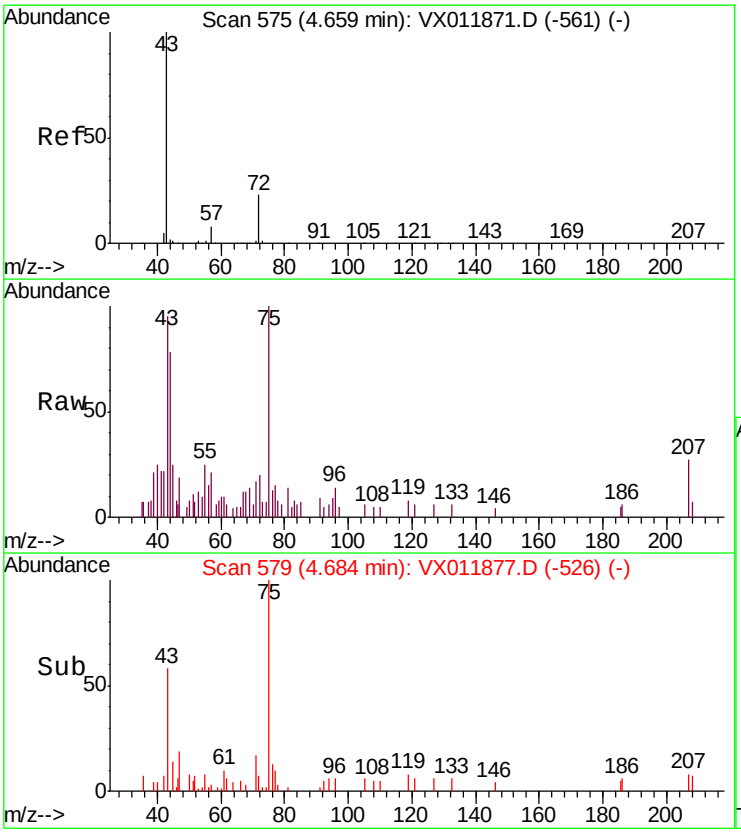
#16
Acetone
Concen: 1.816 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 22380

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.0	36.0

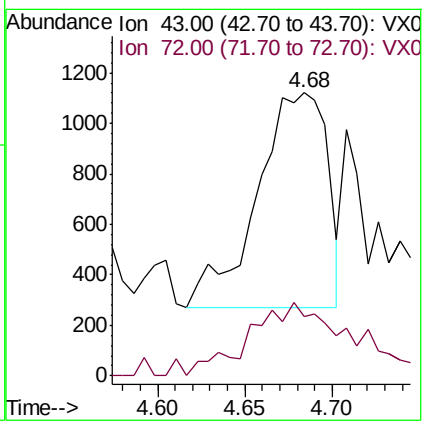


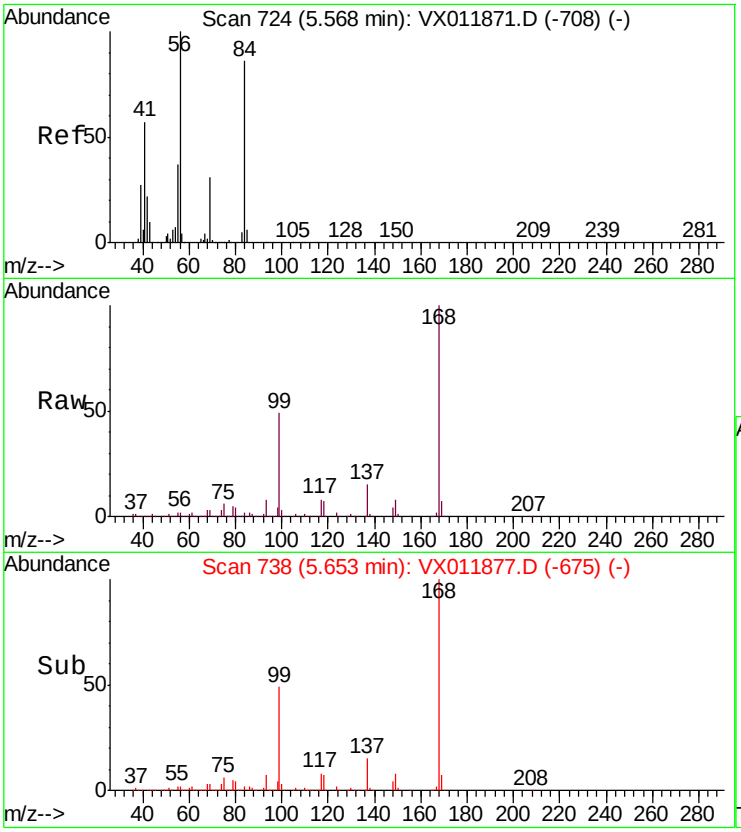


#25
2-Butanone
Concen: 2.552 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 43 Resp: 2393

Ion	Ratio	Lower	Upper
43	100		
72	27.8	18.9	28.3



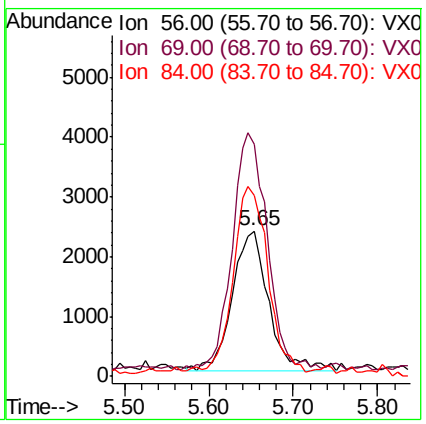


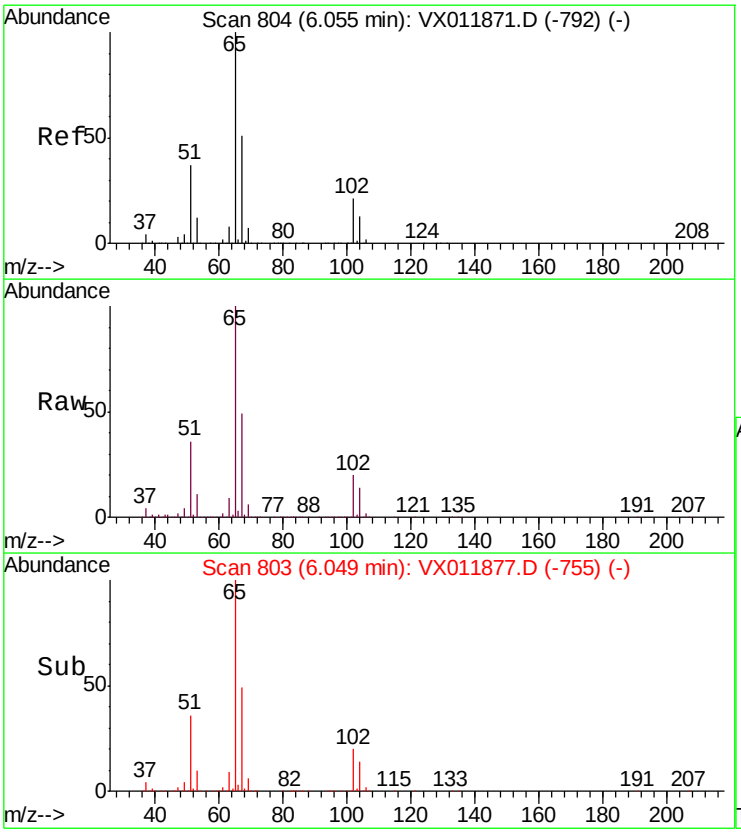
#31
Cyclohexane
Concen: 1.465 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.09 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 6823

Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.0	37.4#
84	127.7	68.6	103.0#

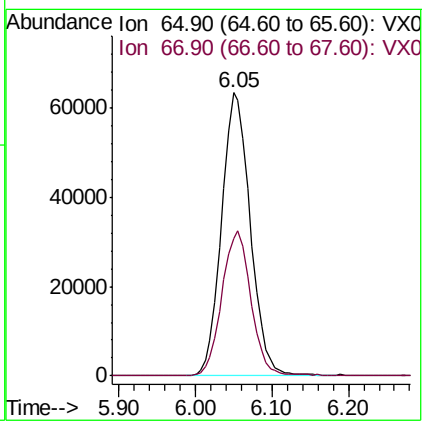


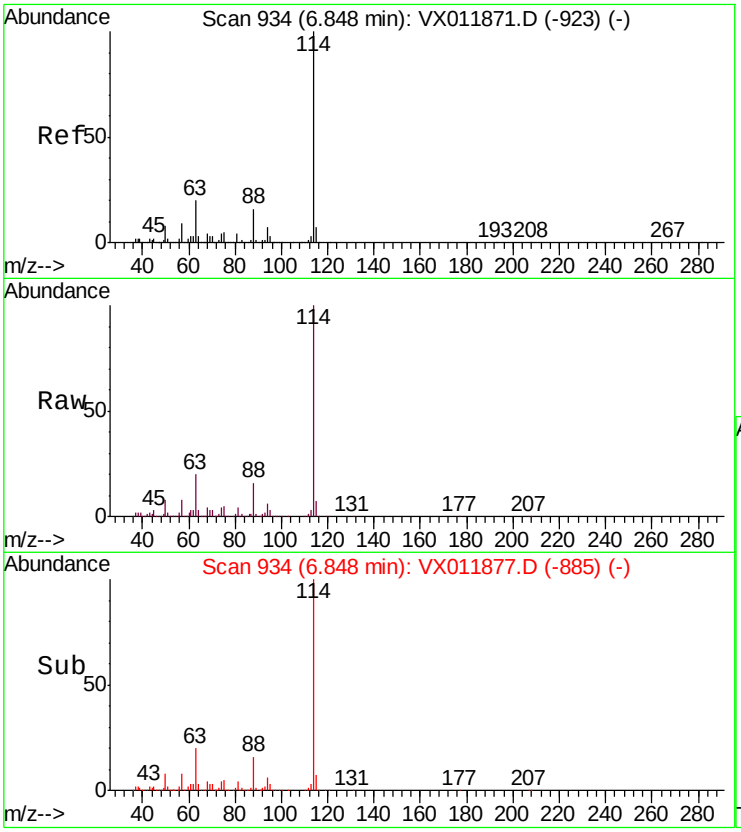


#33
1,2-Dichloroethane-d4
Concen: 51.208 ug/l
RT: 6.05 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 65 Resp: 163931

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



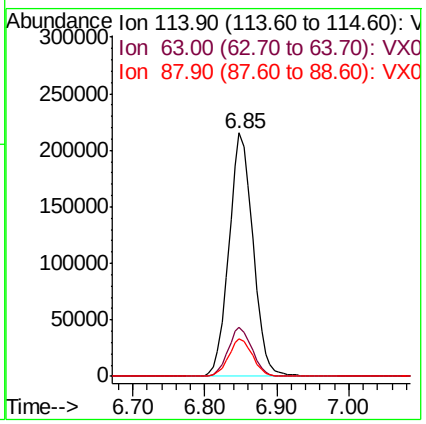


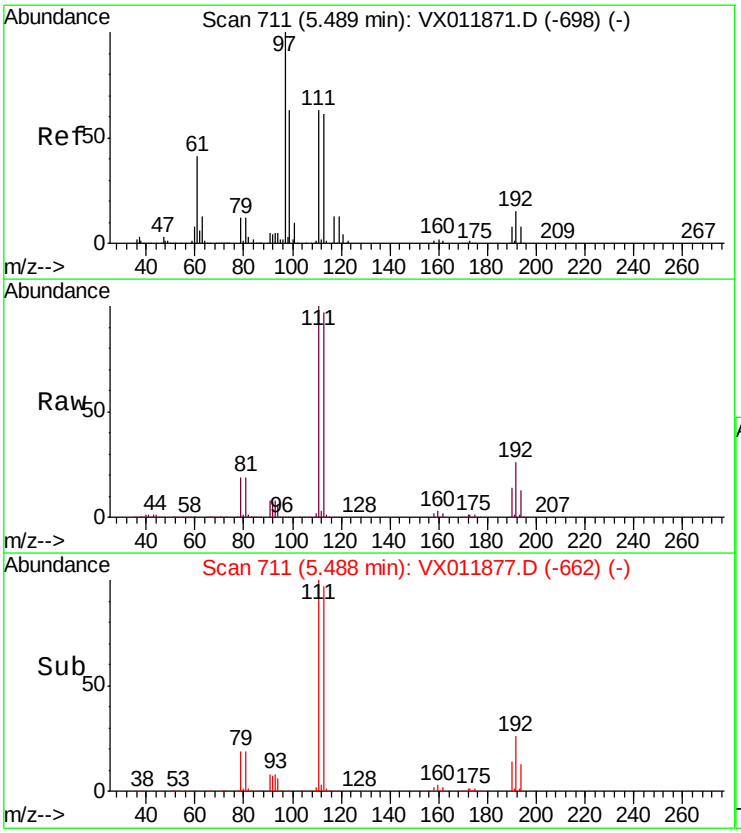
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 934
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 501253

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.8
88	15.7	0.0	31.6

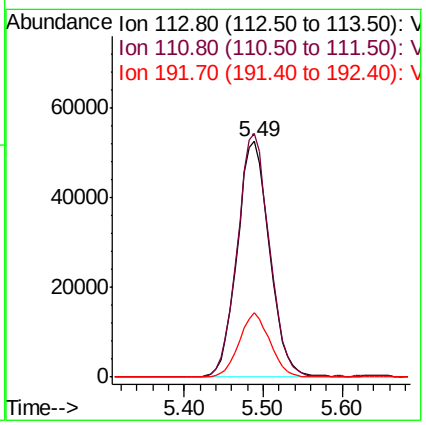


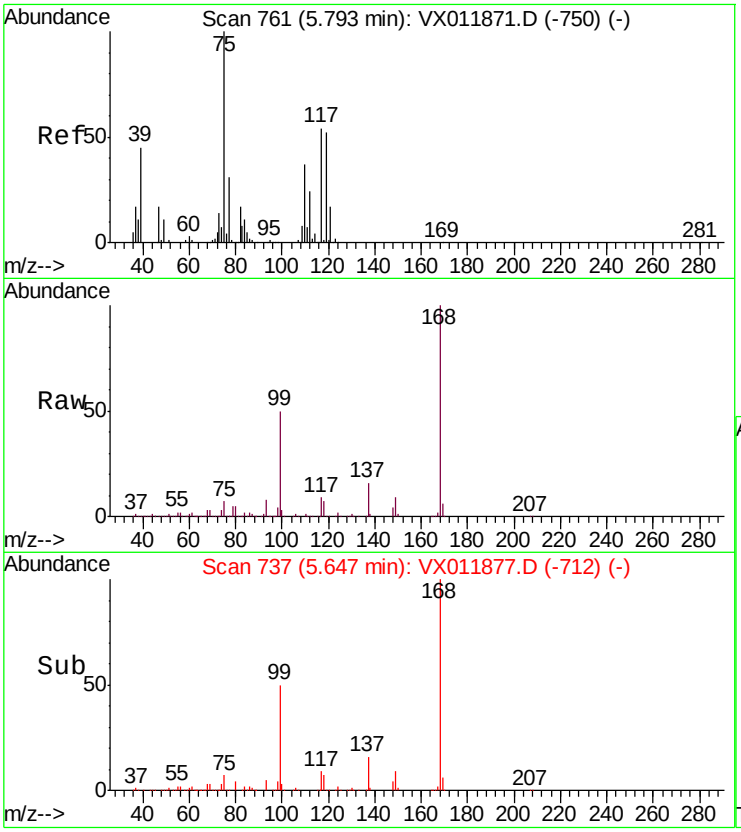


#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:113 Resp: 149614

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	26.1	20.6	30.8



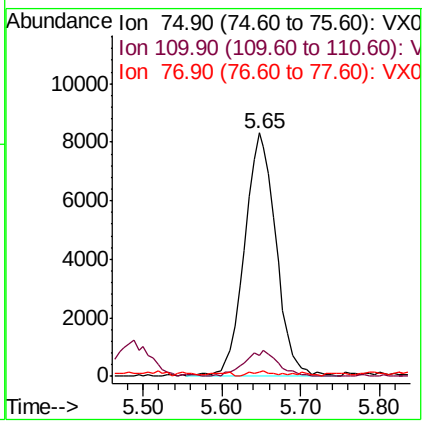


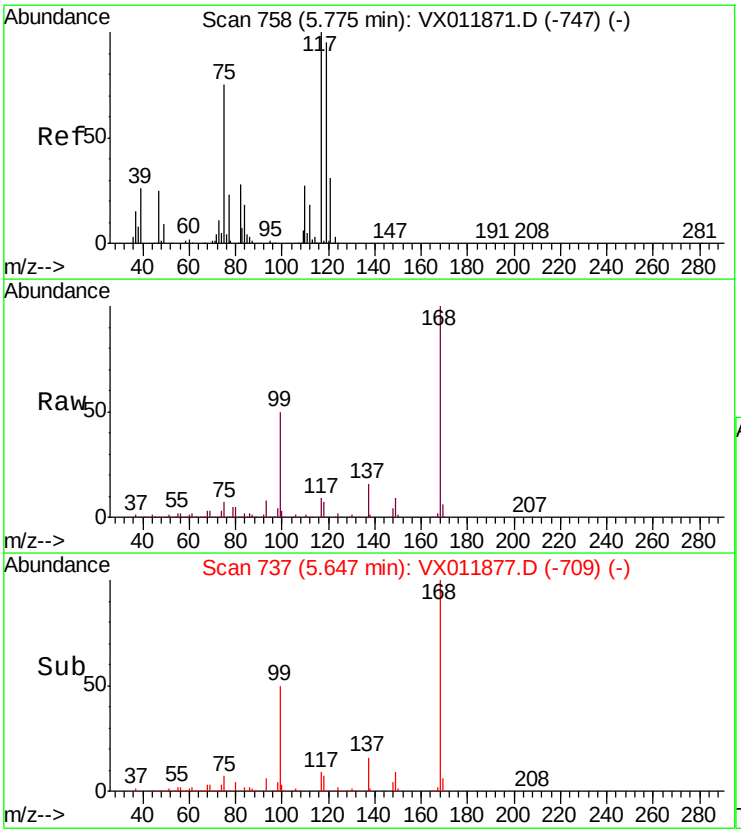
#36
1,1-Dichloropropene
Concen: 5.596 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.15 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 23075

Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.5	55.5#
77	1.7	24.7	37.1#

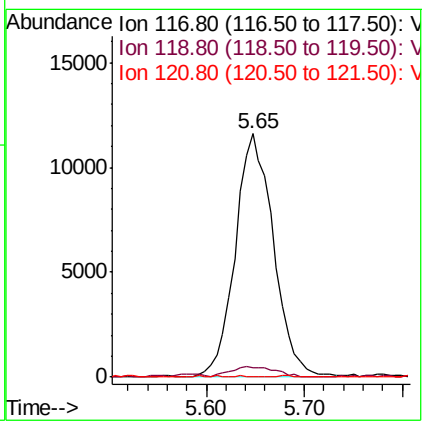


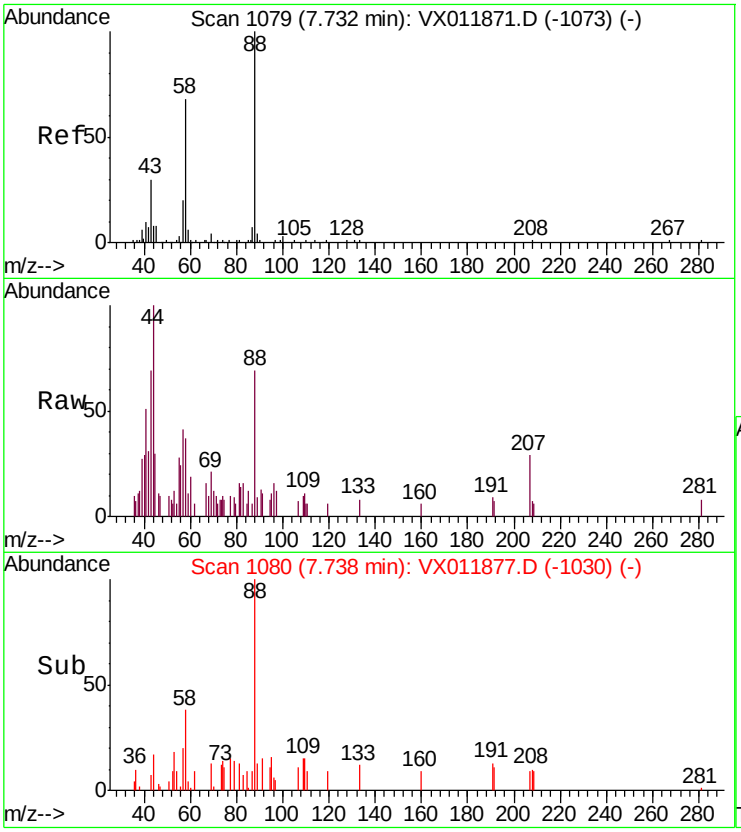


#38
Carbon Tetrachloride
Concen: 7.821 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.13 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:117 Resp: 31422

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.7	113.5#
121	0.0	25.1	37.7#



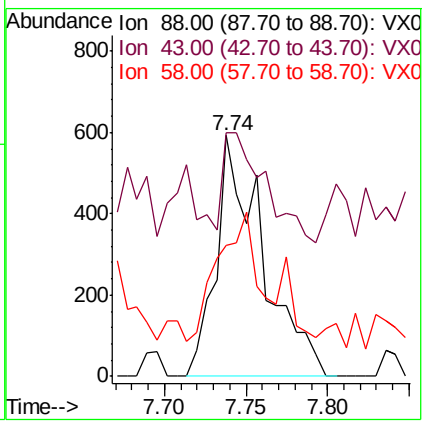


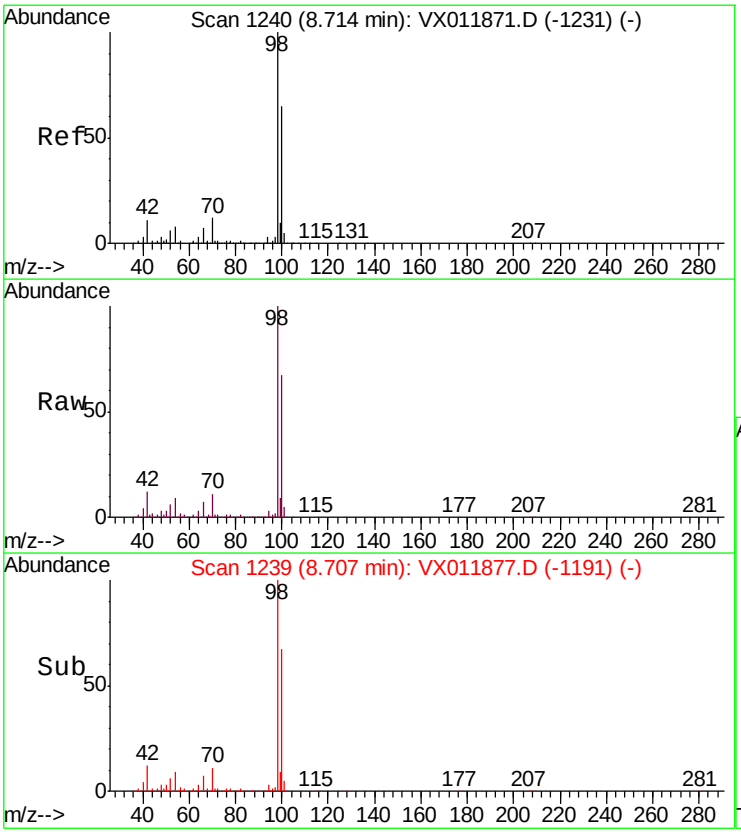
#49
1,4-Dioxane
Concen: 63.962 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 1174

Ion	Ratio	Lower	Upper
88	100		
43	40.9	33.2	49.8
58	46.5	58.2	87.4#

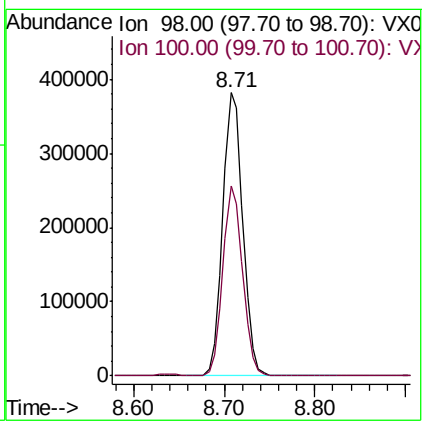


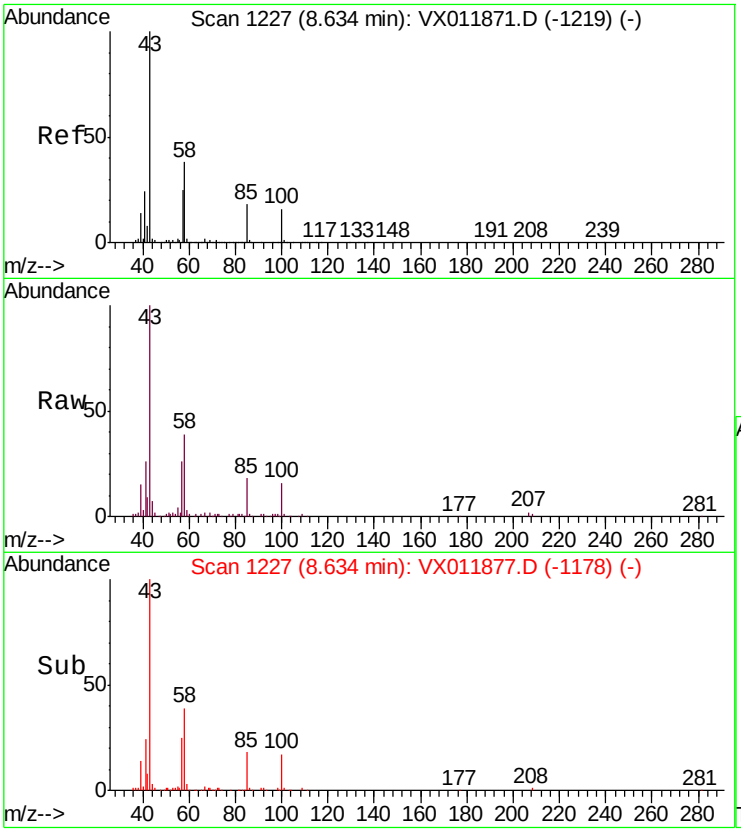


#50
Toluene-d8
Concen: 51.916 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 98 Resp: 588691

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3



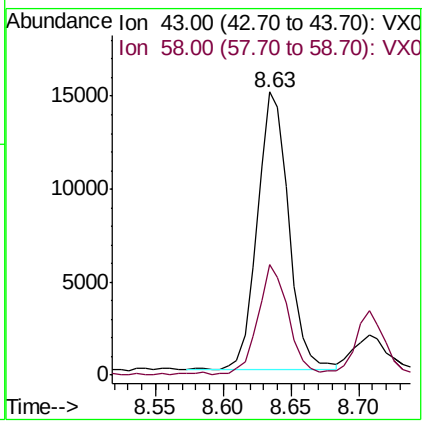


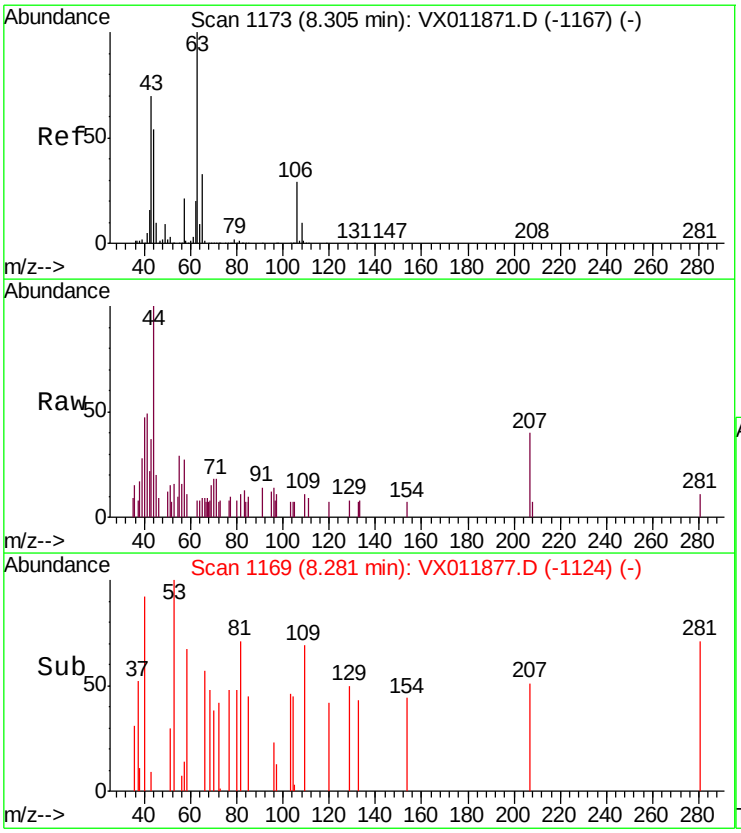
#51
4-Methyl-2-Pentanone
Concen: 17.467 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23966

Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.8	46.2

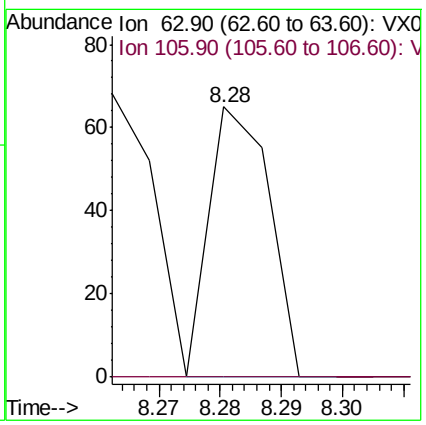


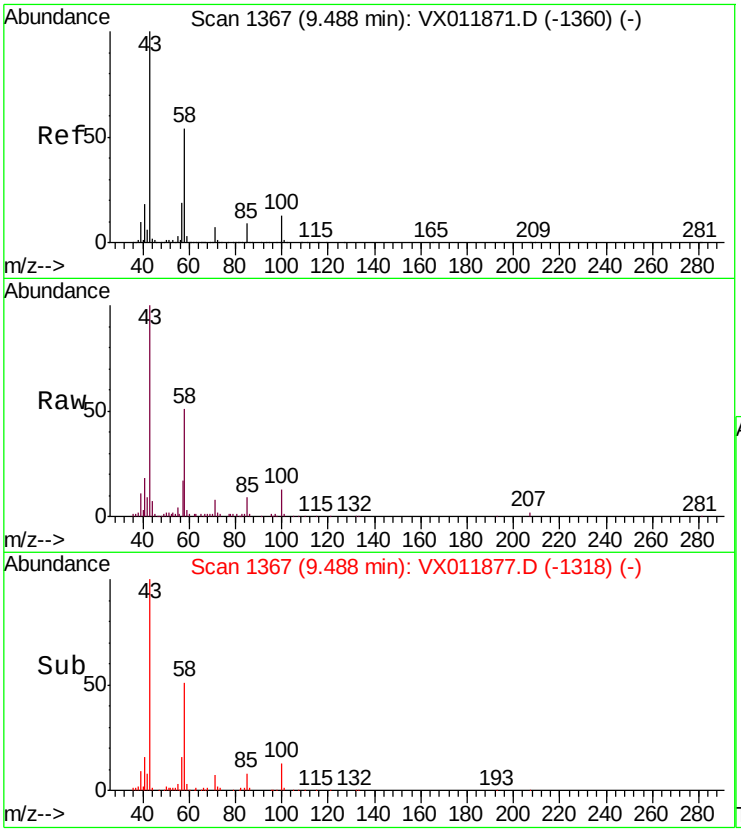


#58
2-Chloroethyl Vinyl ether
Concen: 26.620 ug/l
RT: 8.28 min Scan# 1169
Delta R.T. -0.02 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 63 Resp: 44

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.6	36.8#



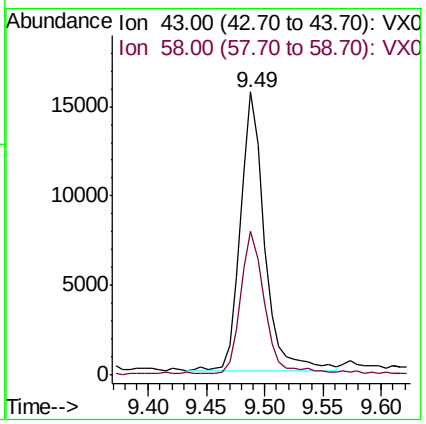


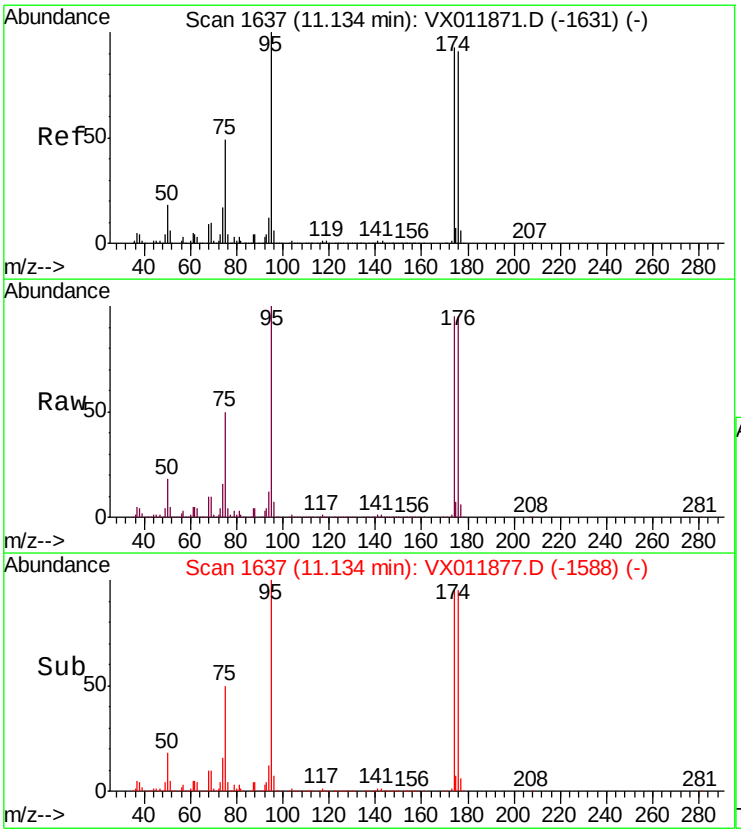
#59
2-Hexanone
Concen: 25.625 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 22469

Ion	Ratio	Lower	Upper
43	100		
58	50.6	26.7	80.1

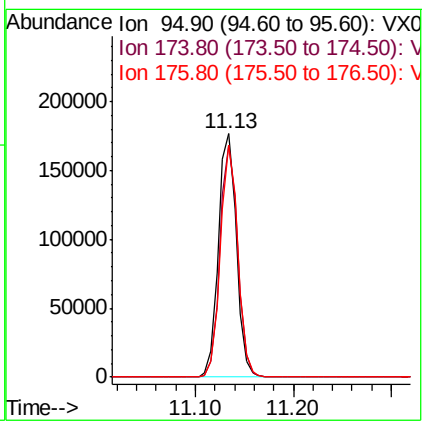


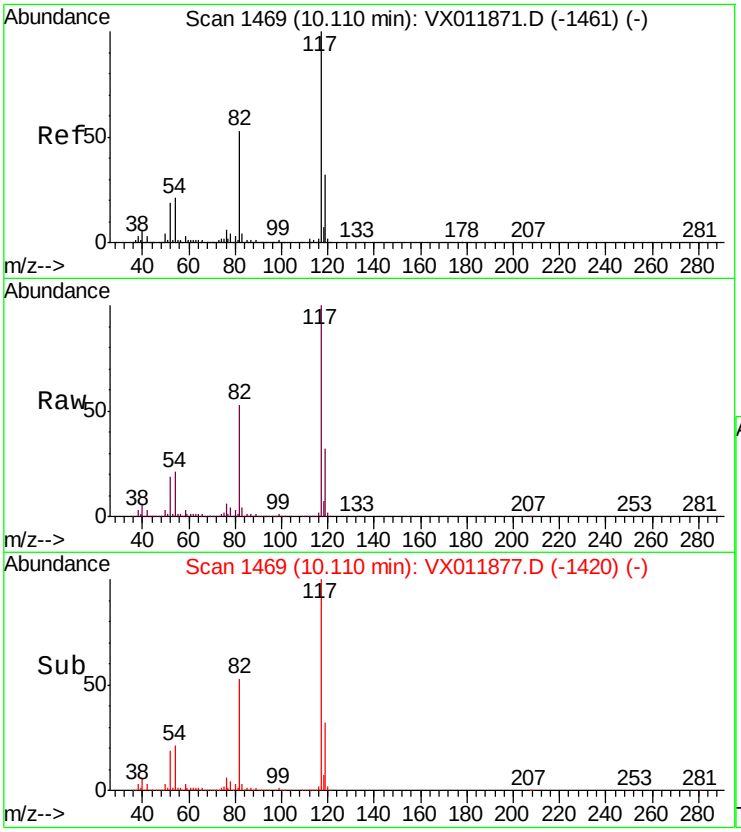


#62
4-Bromofluorobenzene
Concen: 50.151 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 95 Resp: 226847

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	189.2
176	91.8	0.0	185.6



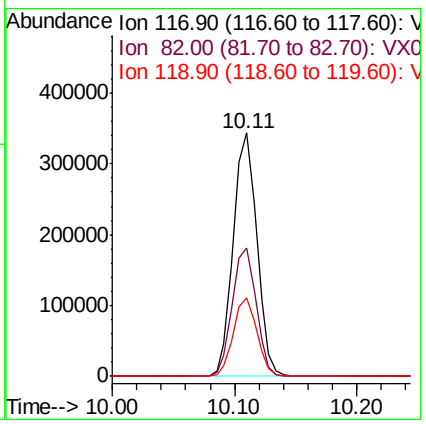


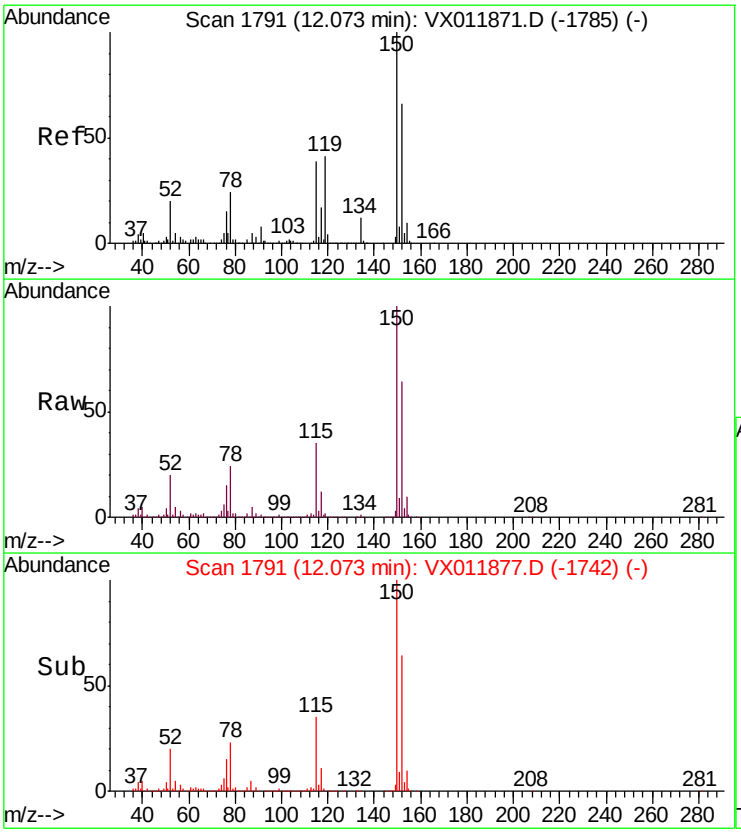
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 458402

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.4	63.6
119	32.1	25.5	38.3

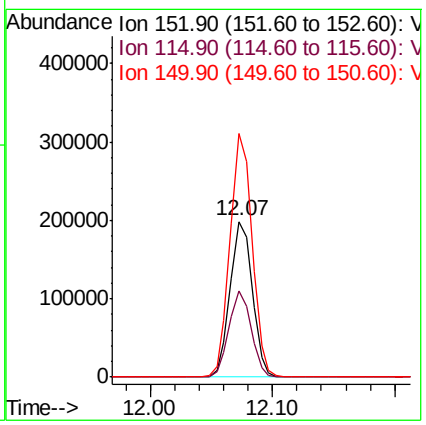


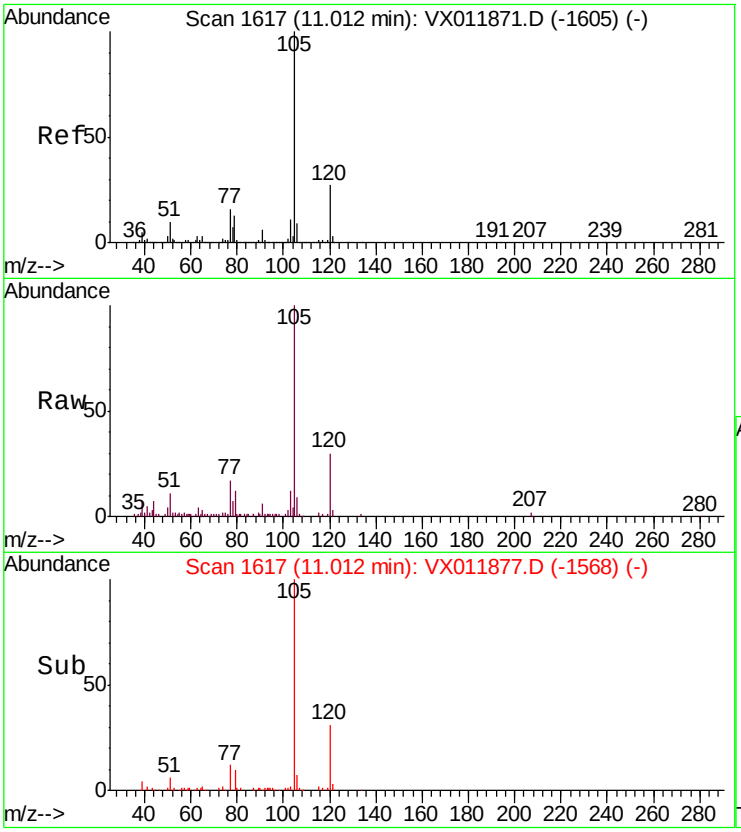


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:152 Resp: 248459

Ion	Ratio	Lower	Upper
152	100		
115	55.2	36.0	108.1
150	155.5	0.0	341.4



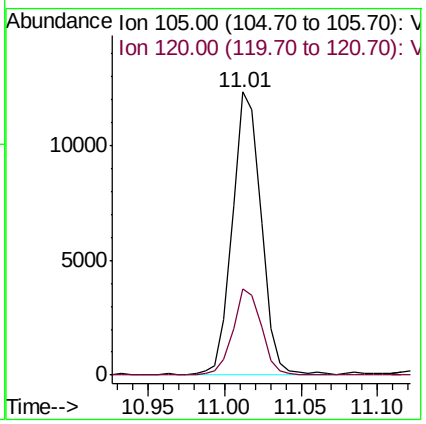


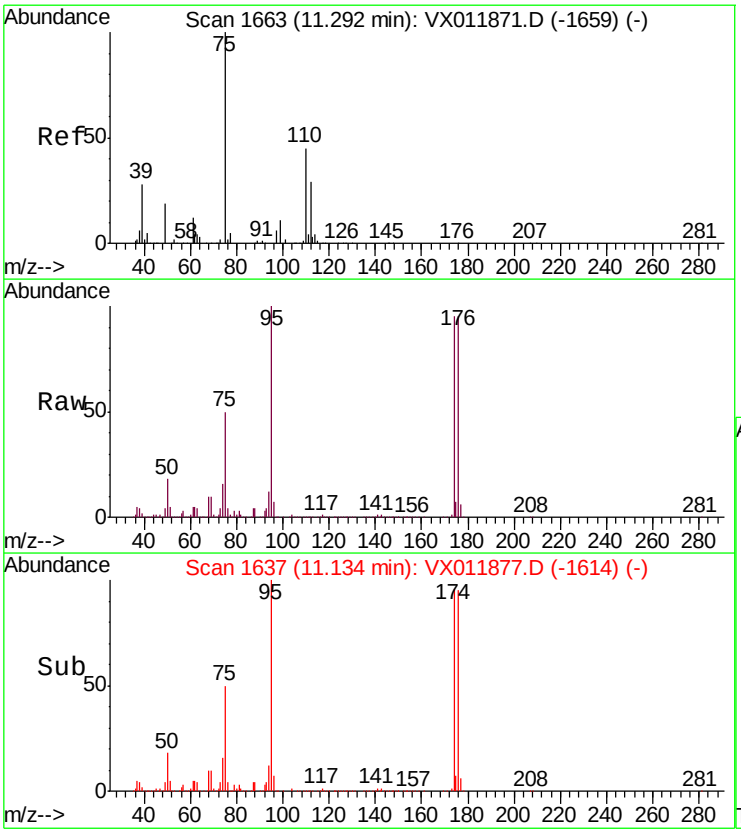
#73
Isopropylbenzene
Concen: 1.127 ug/l
RT: 11.01 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 16174

Ion	Ratio	Lower	Upper
105	100		
120	29.7	13.8	41.3

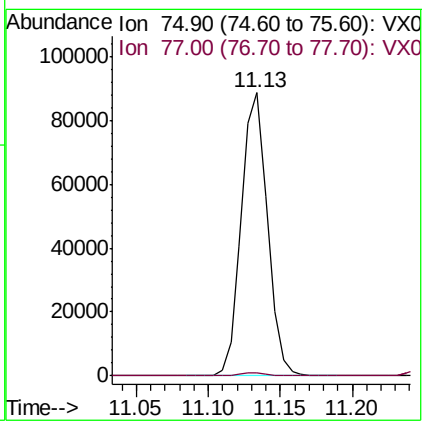


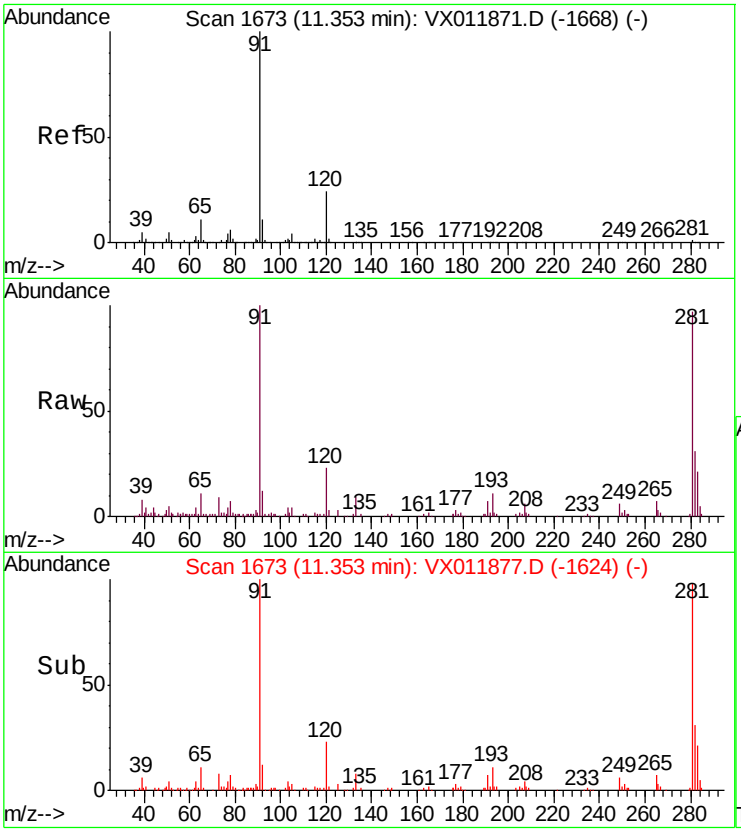


#76
1,2,3-Trichloropropane
Concen: 58.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 75 Resp: 111329

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.5	58.5#



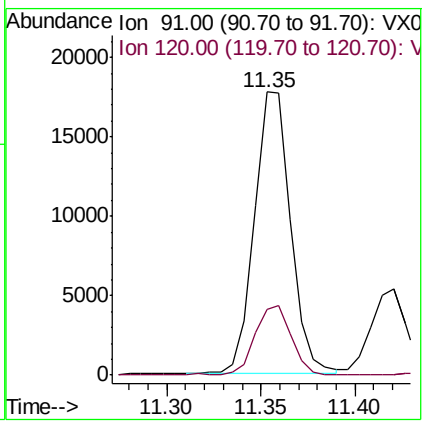


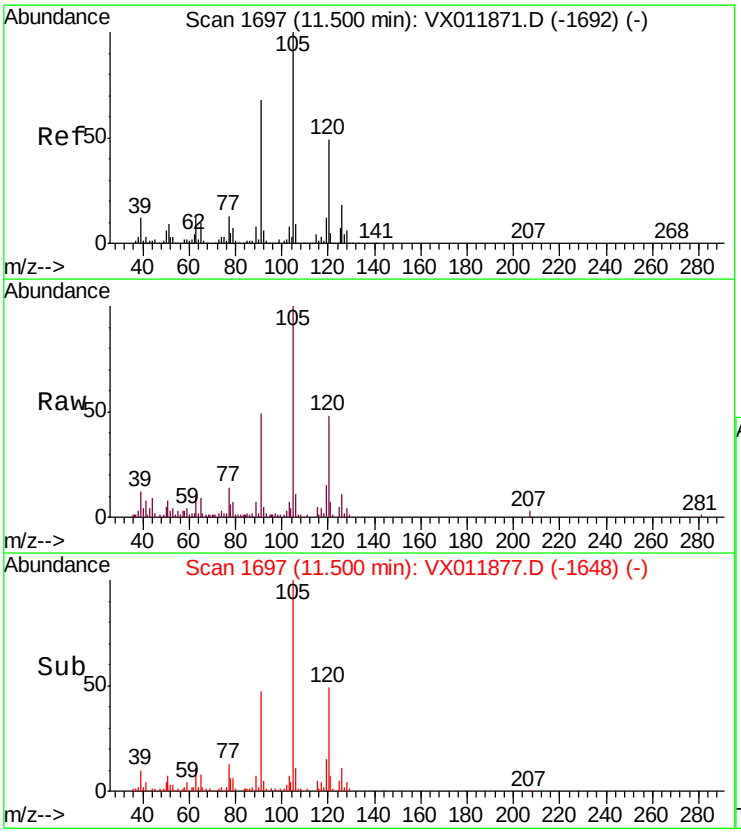
#78
n-propylbenzene
Concen: 1.498 ug/l
RT: 11.35 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 23646

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6

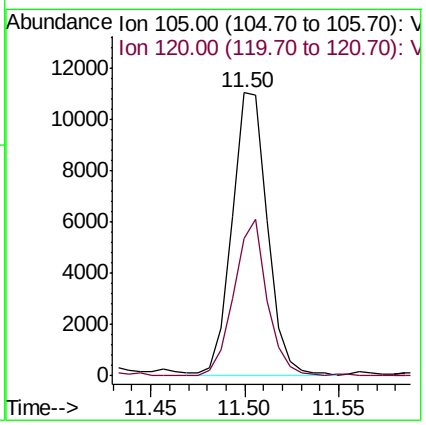


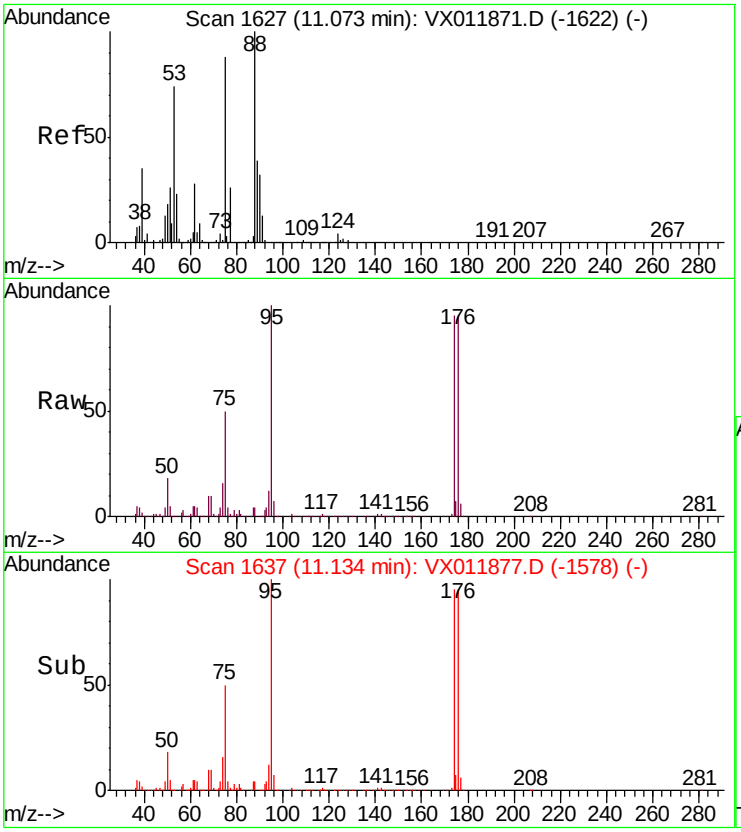


#80
1,3,5-Trimethylbenzene
Concen: 1.202 ug/l
RT: 11.50 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:105 Resp: 14468

Ion	Ratio	Lower	Upper
105	100		
120	51.3	24.9	74.8



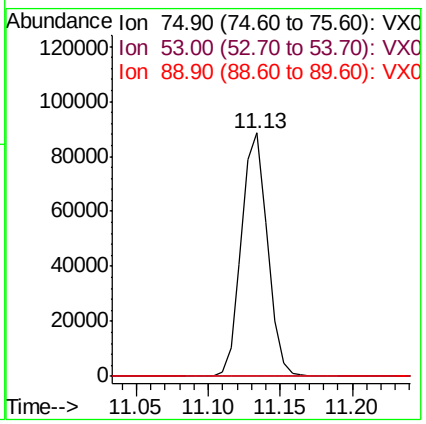


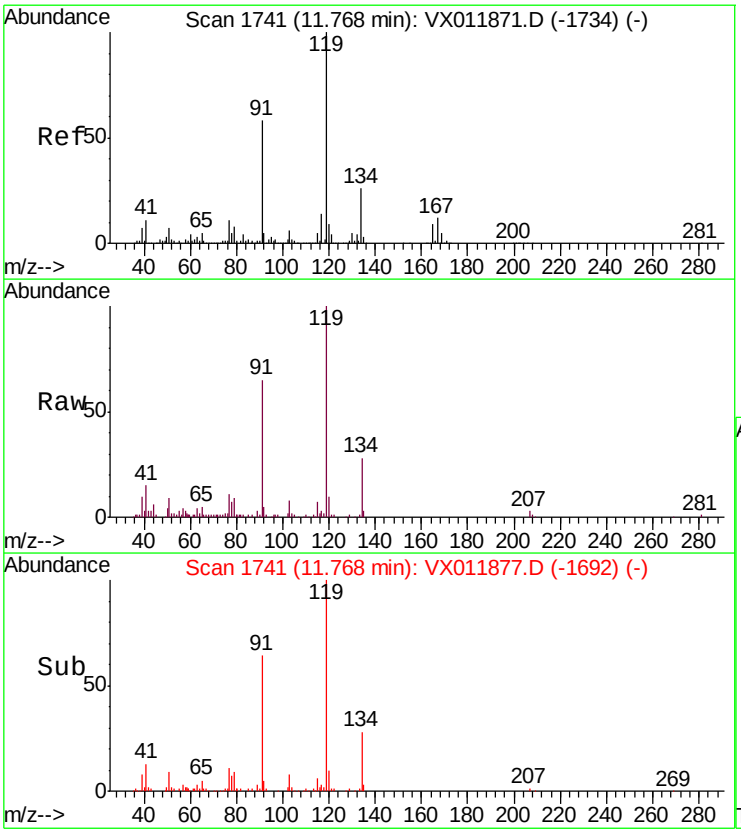
#81
trans-1,4-Dichloro-2-butene
Concen: 214.738 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 111329

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.3	109.9#
89	0.0	37.4	56.0#

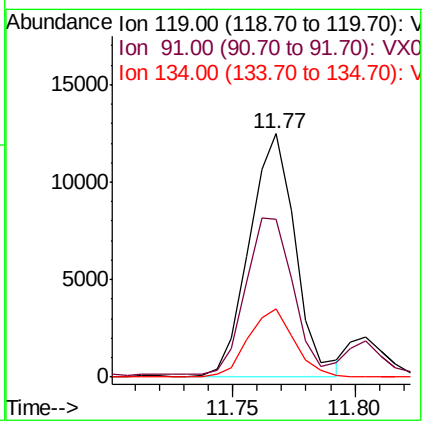


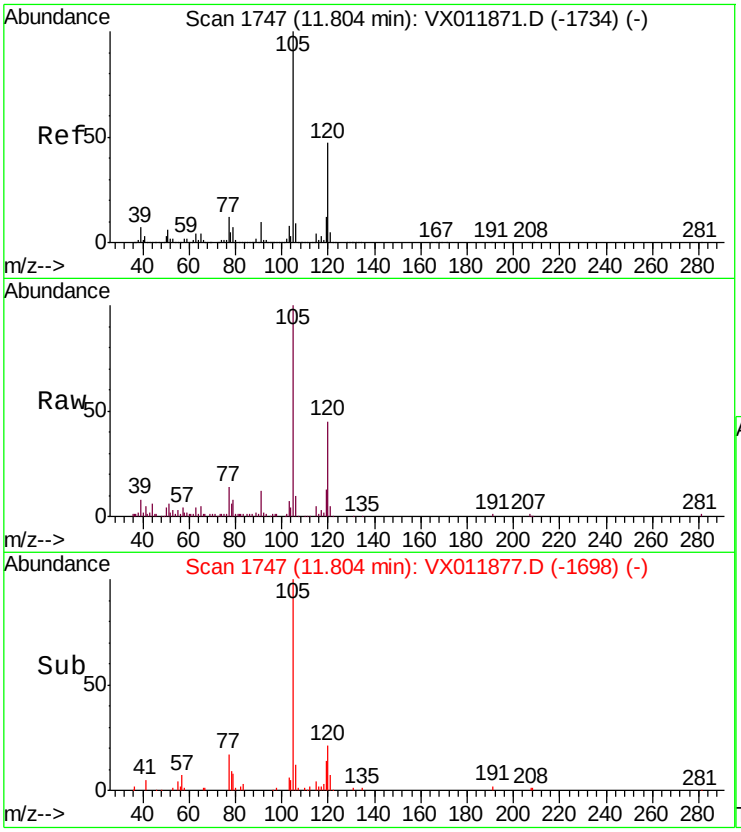


#83
tert-Butylbenzene
Concen: 1.467 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:119 Resp: 16416

Ion	Ratio	Lower	Upper
119	100		
91	65.8	28.6	85.8
134	27.8	12.4	37.2



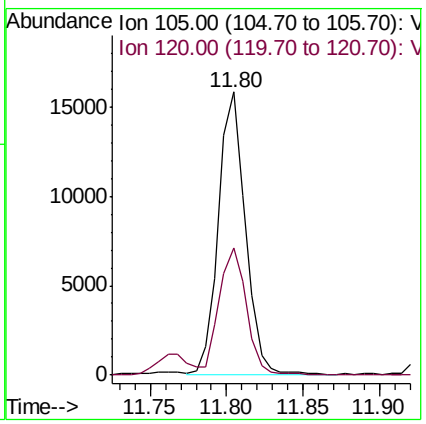


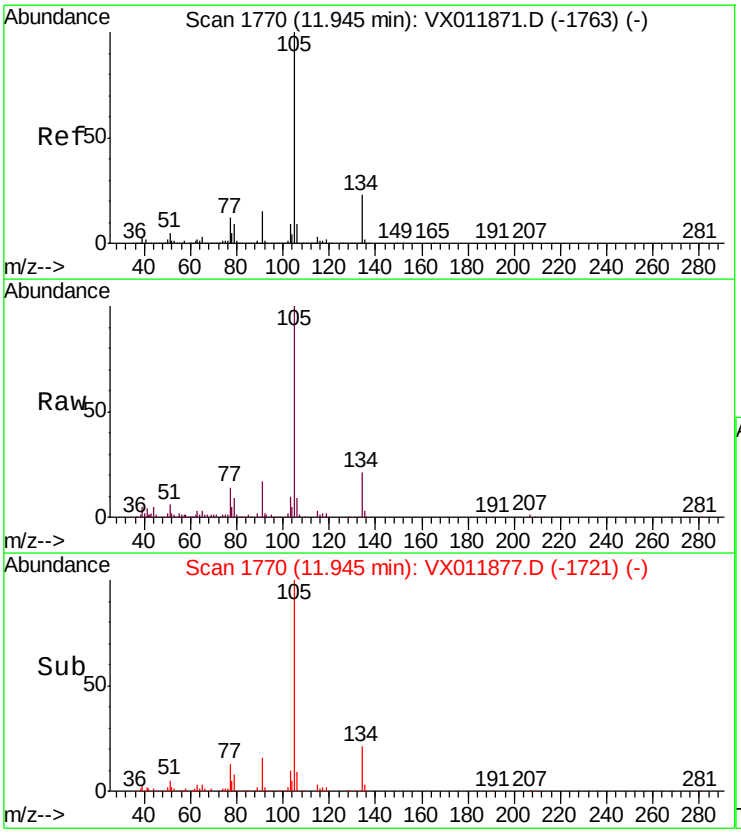
#84
1,2,4-Trimethylbenzene
Concen: 1.703 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 19444

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.0

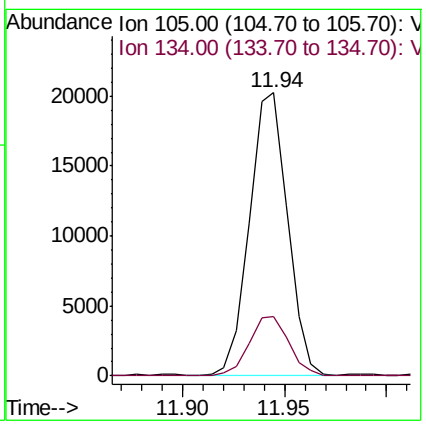


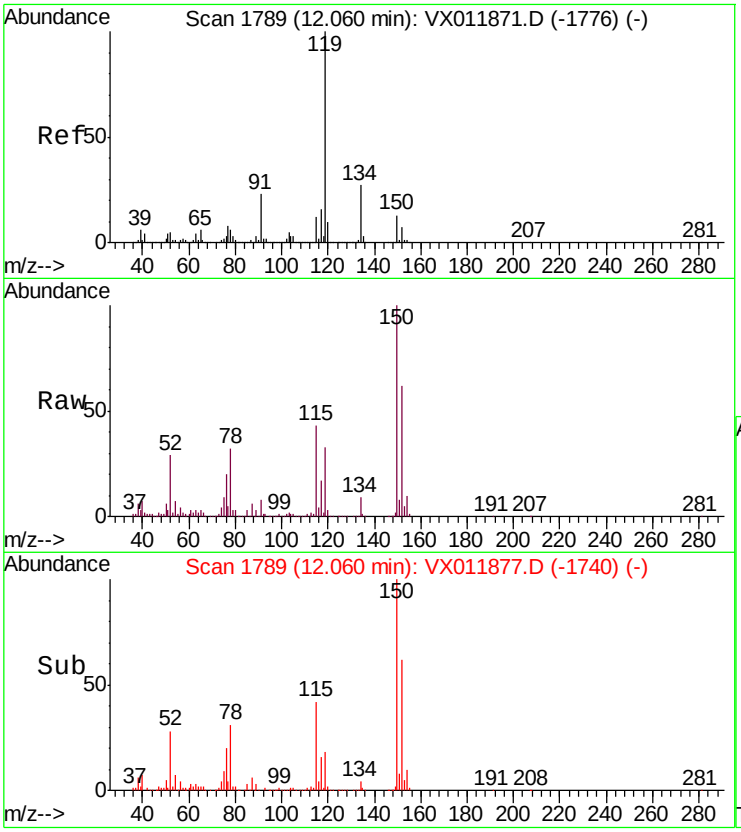


#85
sec-Butylbenzene
Concen: 2.033 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:105 Resp: 26415

Ion	Ratio	Lower	Upper
105	100		
134	22.0	10.9	32.9



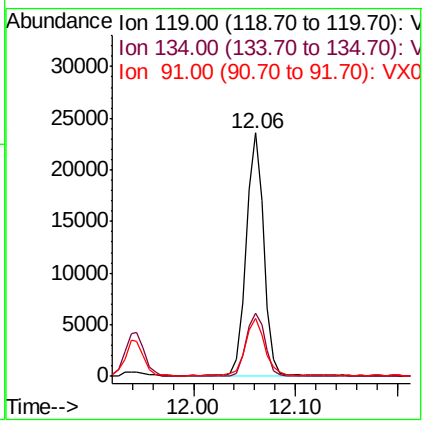


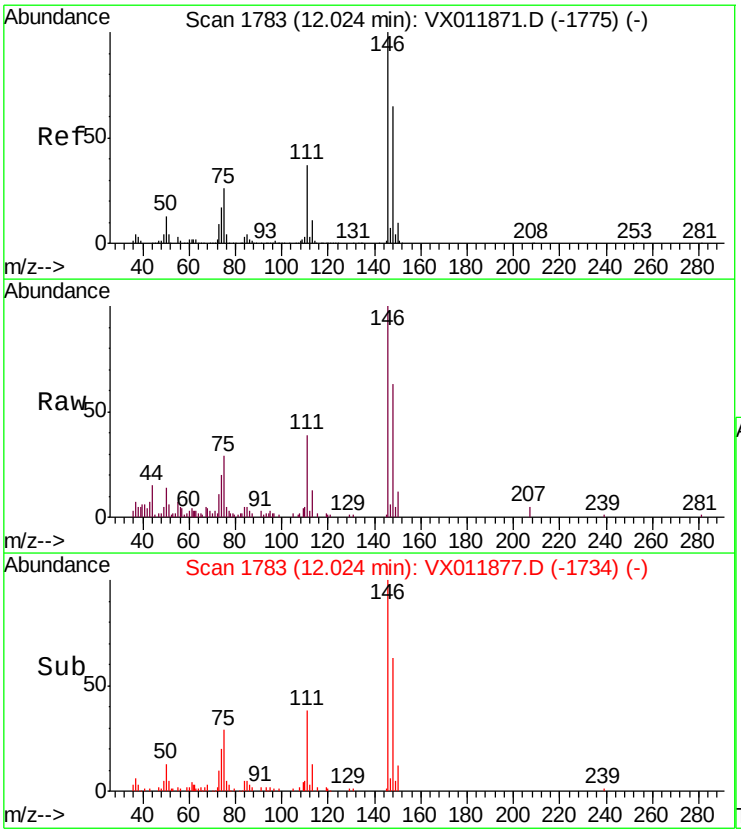
#86
p-Isopropyltoluene
Concen: 2.372 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 28398

Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.5	40.5
91	26.0	11.7	35.0

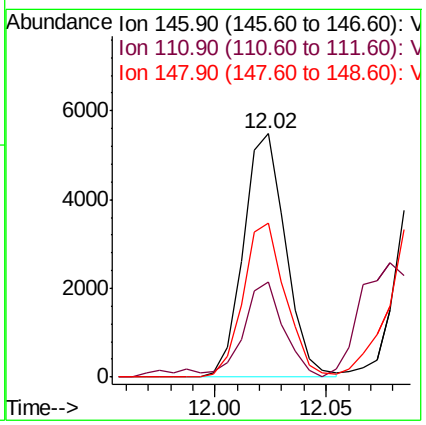


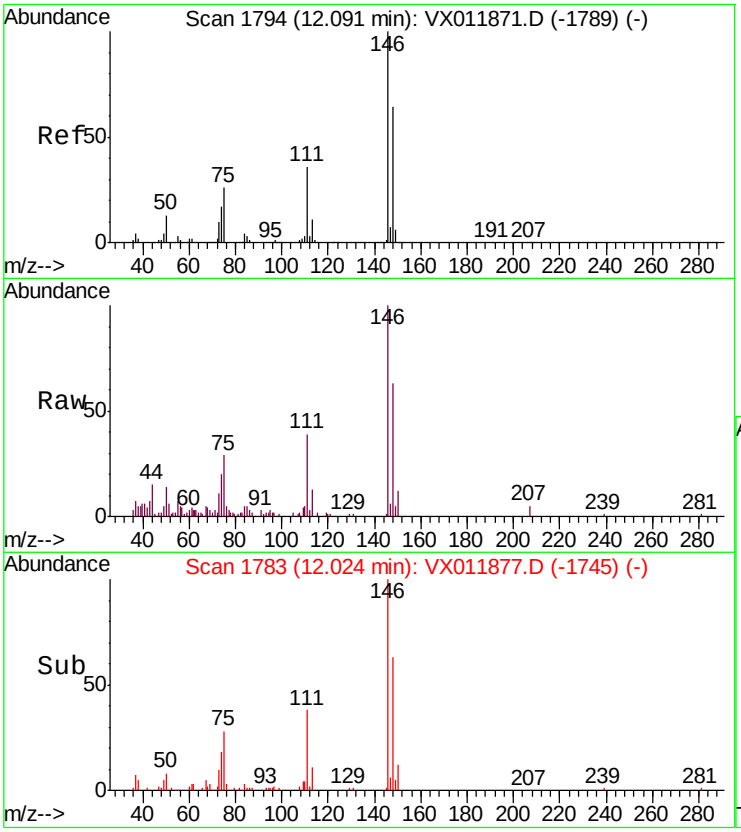


#87
1,3-Dichlorobenzene
Concen: 1.013 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:146 Resp: 7276

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.3
148	63.4	32.0	96.2



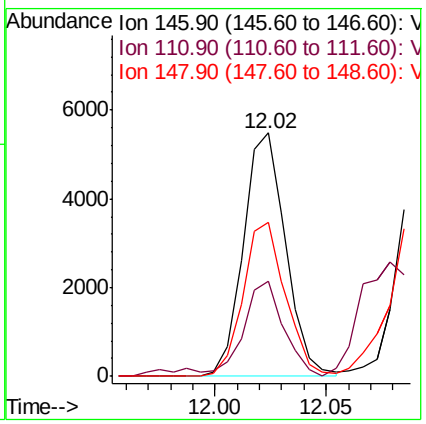


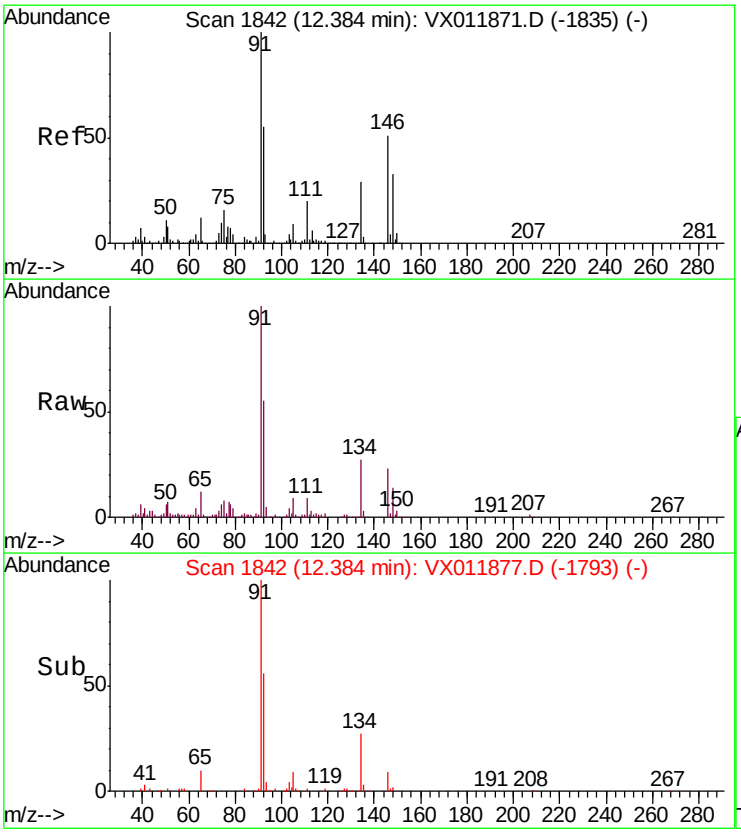
#88
1,4-Dichlorobenzene
Concen: 1.046 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.07 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 7276

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.3	54.8
148	63.4	32.3	96.8

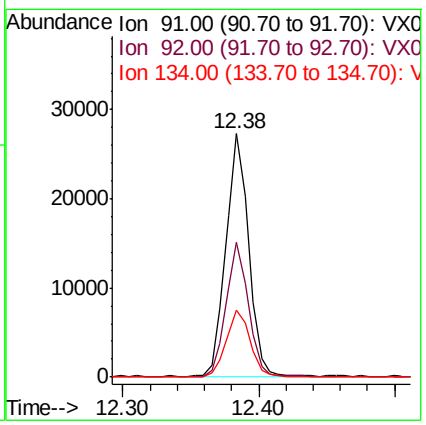


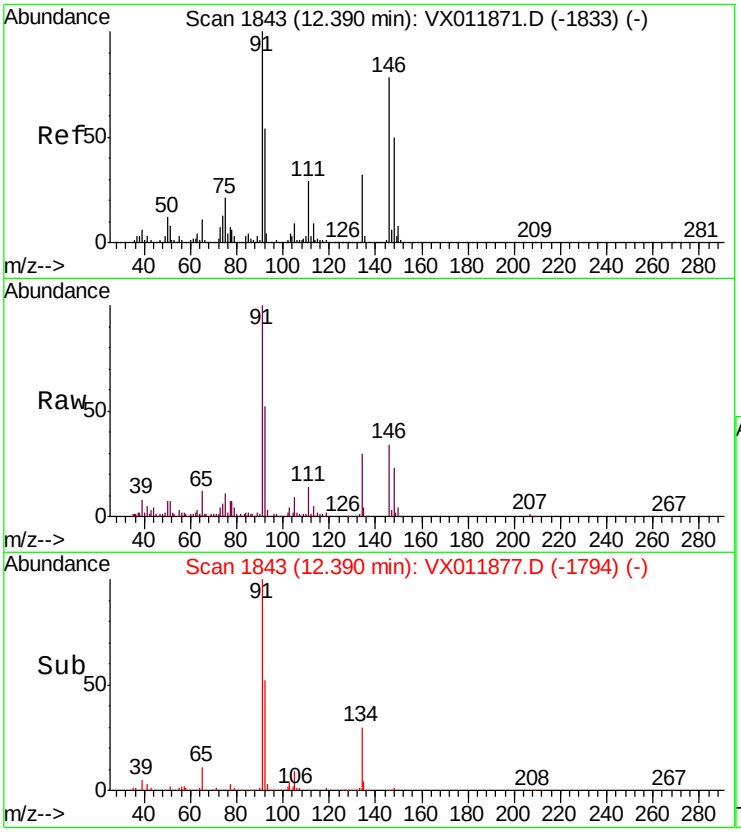


#89
n-Butylbenzene
Concen: 3.234 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion: 91 Resp: 32113

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	28.6	14.4	43.4



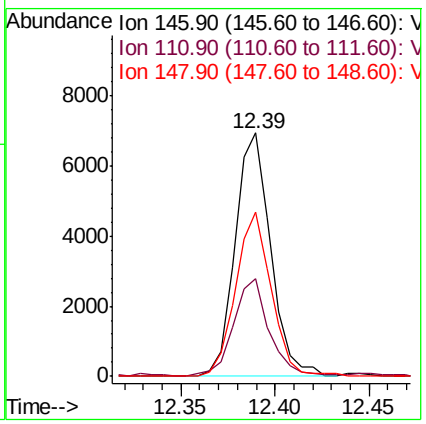


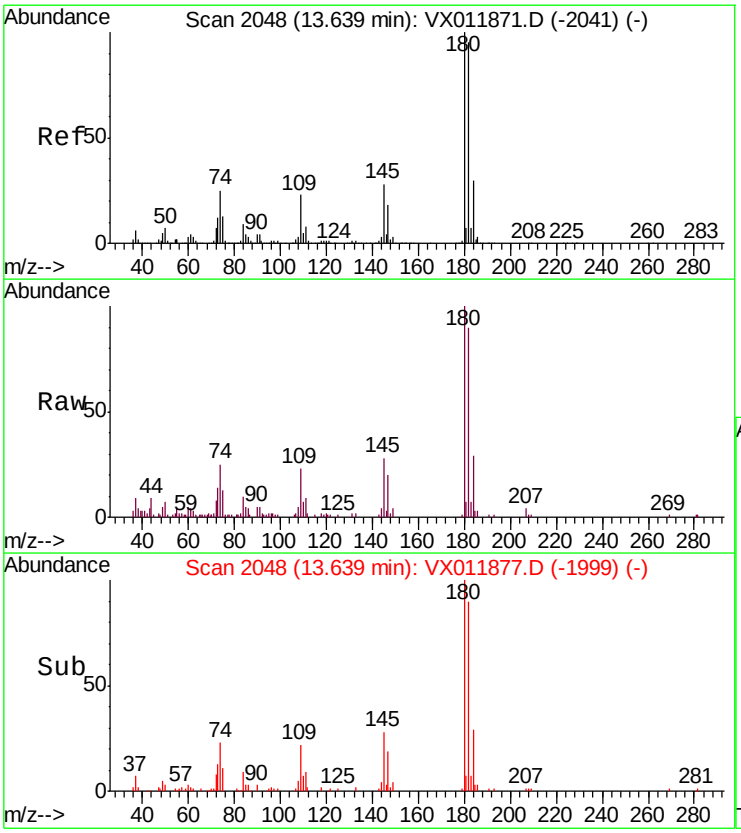
#91
1,2-Dichlorobenzene
Concen: 1.473 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 9032

Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.3	57.9
148	67.8	32.0	96.0

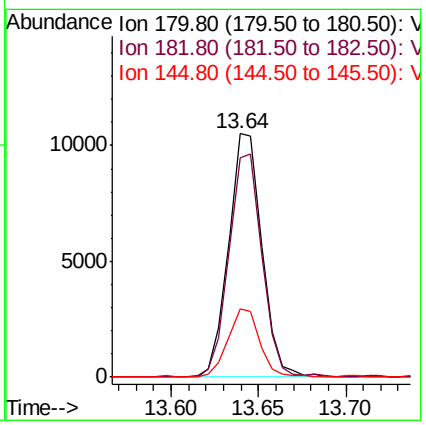


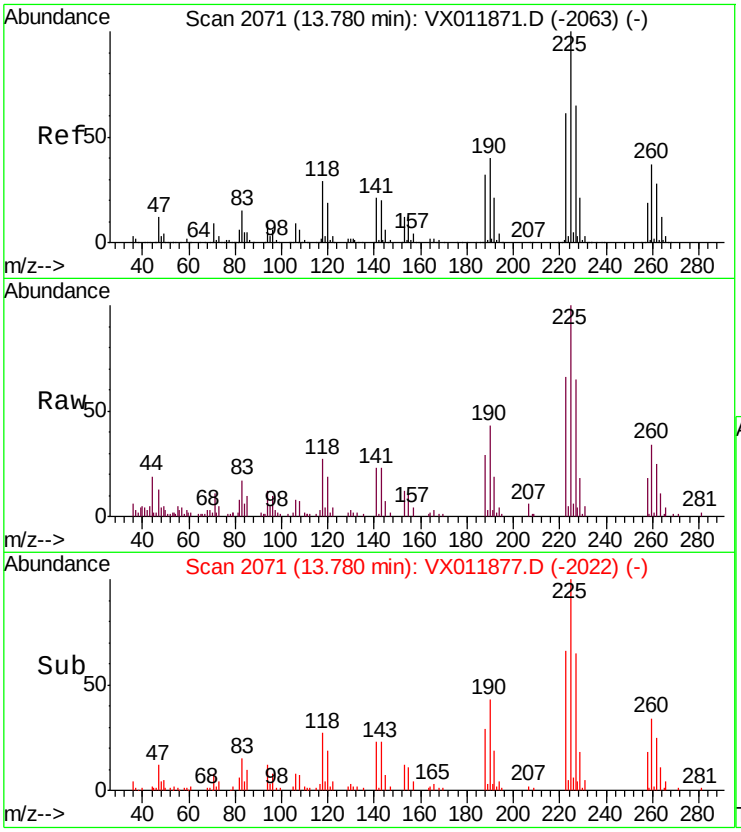


#93
1,2,4-Trichlorobenzene
Concen: 3.274 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:180 Resp: 13932

Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.9	143.7
145	27.2	13.8	41.4



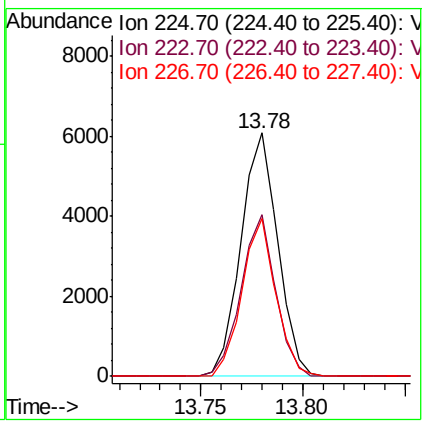


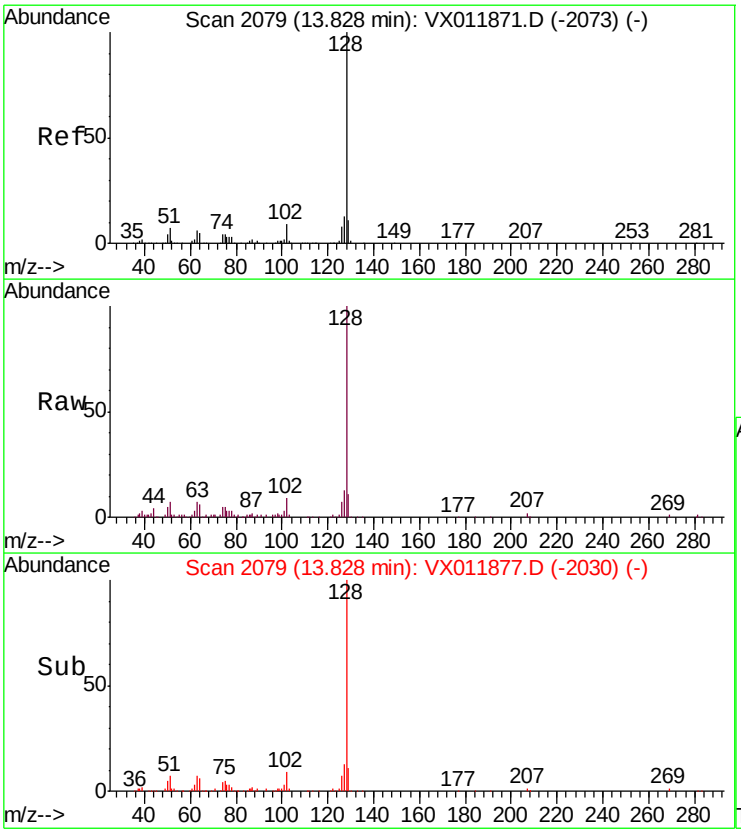
#94
Hexachlorobutadiene
Concen: 2.457 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 7624

Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.8
227	59.6	32.5	97.5

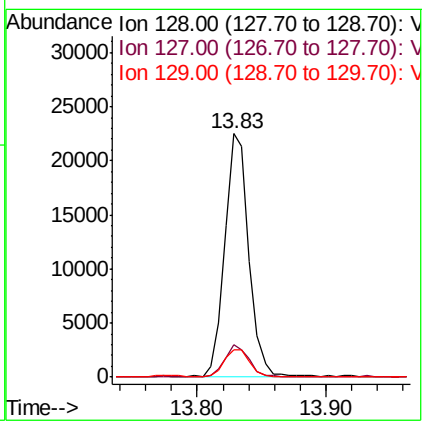


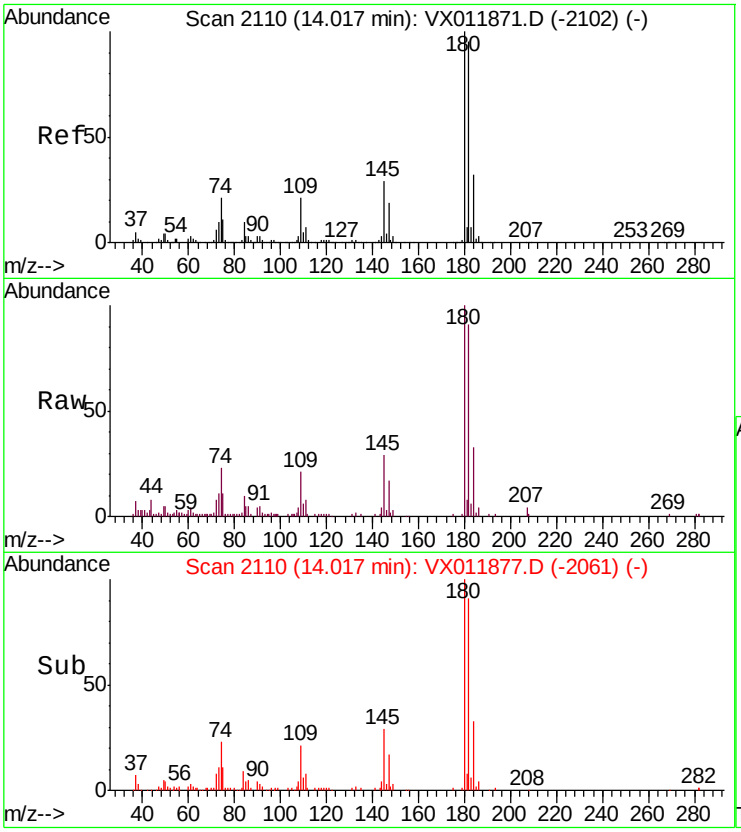


#95
Naphthalene
Concen: 5.802 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Tgt Ion:128 Resp: 29684

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	12.2	9.0	13.4





#96
1,2,3-Trichlorobenzene
Concen: 3.933 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011877.D
Acq: 28 Aug 2019 19:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 13580

Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.9	143.7
145	30.4	14.9	44.7