Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102220\
Data File : VX019061.D
Acq On : 23 Oct 2020 05:03
Operator : JC/SP
Sample : PB132537ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Quant Time: Oct 23 08:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	255208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	175885	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.54%			
35) Dibromofluoromethane	5.46	113	156479	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.50%			
50) Toluene-d8	8.70	98	622029	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.60%			
62) 4-Bromofluorobenzene	11.12	95	228003	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.74%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	48	Below Cal	#	23
6) Chloroethane	1.76	64	392	1.405	ug/l #	43
11) Tert butyl alcohol	3.00	59	2502	3.566	ug/l #	91
13) Acrolein	2.25	56	384	14.997	ug/l #	1
16) Acetone	2.42	43	8363	7.088	ug/l	98
18) Methyl Acetate	2.75	43	2227	0.761	ug/l	90
20) Methylene Chloride	2.84	84	5252	1.599	ug/l	94
25) 2-Butanone	4.64	43	4766	2.556	ug/l	98
29) Tetrahydrofuran	5.10	42	1332	1.195	ug/l #	81
31) Cyclohexane	5.63	56	5721	1.410	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21040	4.673	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28127	5.951	ug/l #	16
43) Isopropyl Acetate	6.41	43	61591	9.462	ug/l	100
48) Methyl methacrylate	7.65	41	3174	0.990	ug/l #	5
49) 1,4-Dioxane	7.85	88	161	2.222	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	59542	15.524	ug/l #	46
52) Toluene	8.76	92	7565	0.864	ug/l	99
54) cis-1,3-Dichloropropene	8.59	75	33340	5.885	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	6145	1.084	ug/l #	42
59) 2-Hexanone	9.42	43	53526	18.727	ug/l #	17
67) Ethyl Benzene	10.24	91	10786	0.614	ug/l	94
68) m/p-Xylenes	10.34	106	3815	0.567	ug/l	95
74) N-amyl acetate	10.80	43	3042	0.517	ug/l #	41
76) 1,2,3-Trichloropropane	11.12	75	114571	22.461	ug/l #	36
78) n-propylbenzene	11.34	91	5218	0.251	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	114571	57.226	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.79	105	5268	0.347	ug/l	98
95) Naphthalene	13.82	128	6427	0.352	ug/l	99

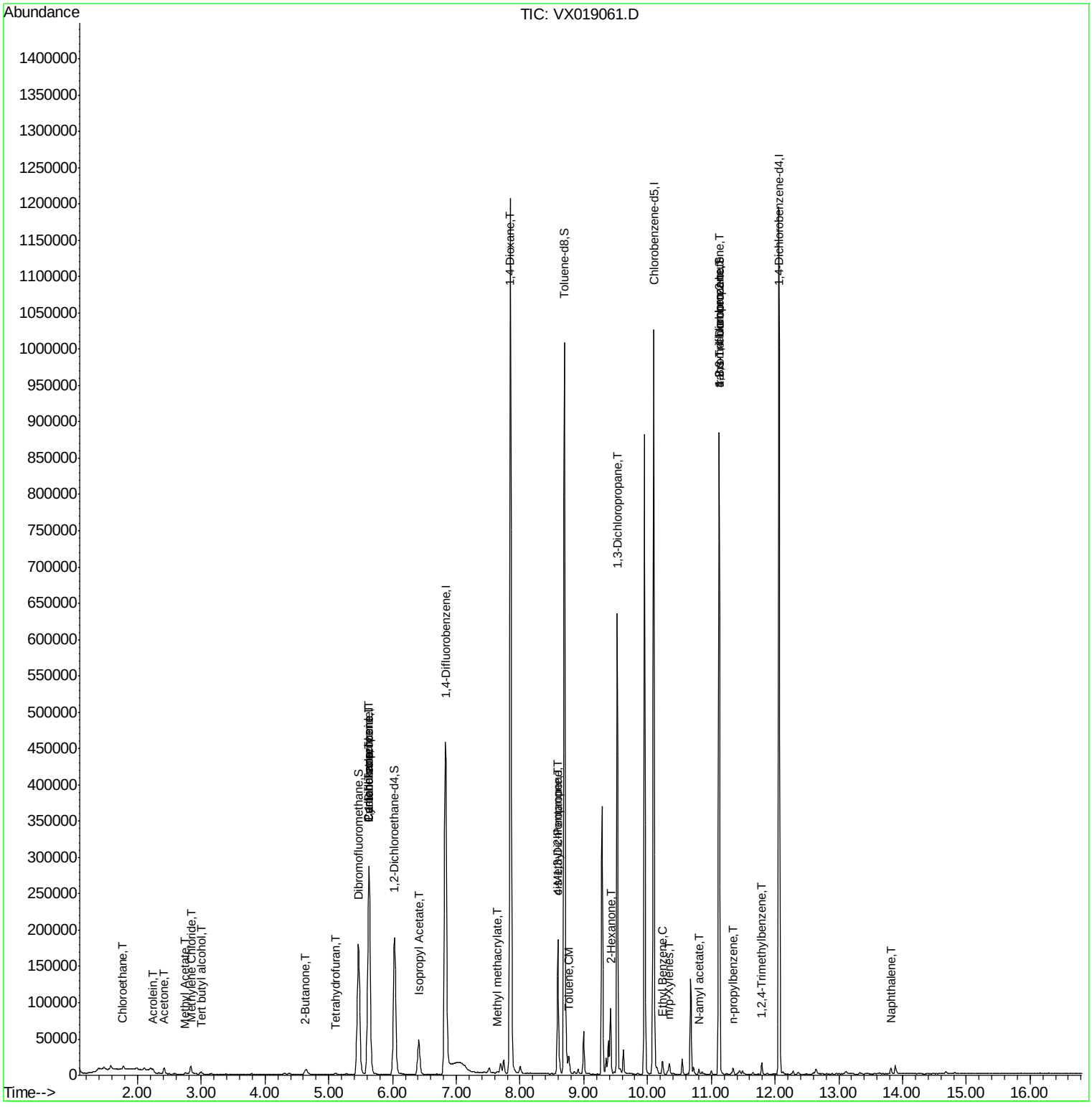
(#) = qualifier out of range (m) = manual integration (+) = signals summed

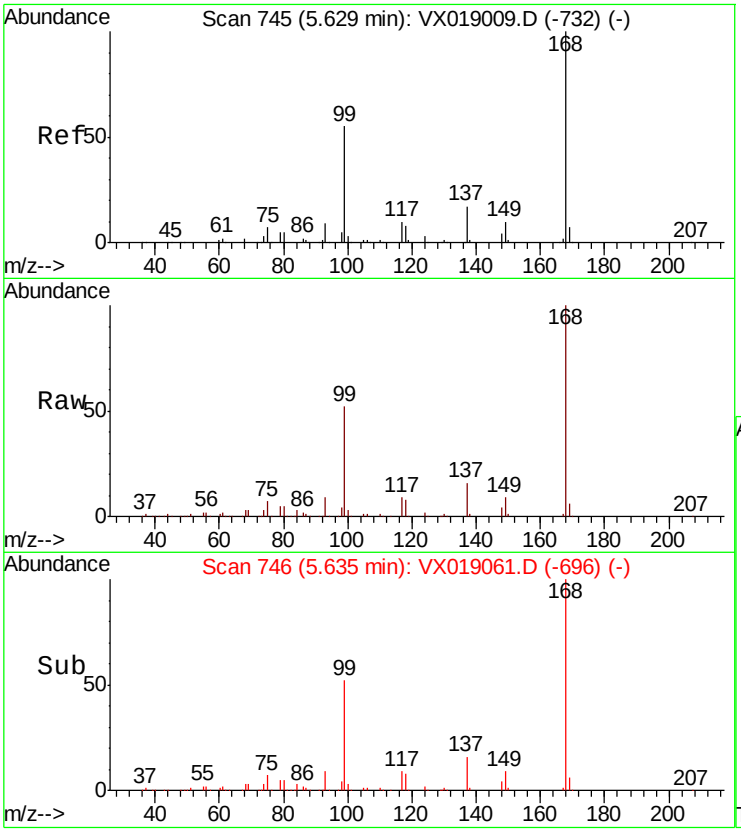
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102220\
Data File : VX019061.D
Acq On : 23 Oct 2020 05:03
Operator : JC/SP
Sample : PB132537ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Quant Time: Oct 23 08:42:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration



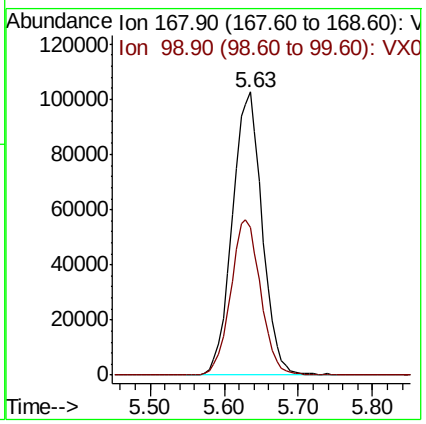


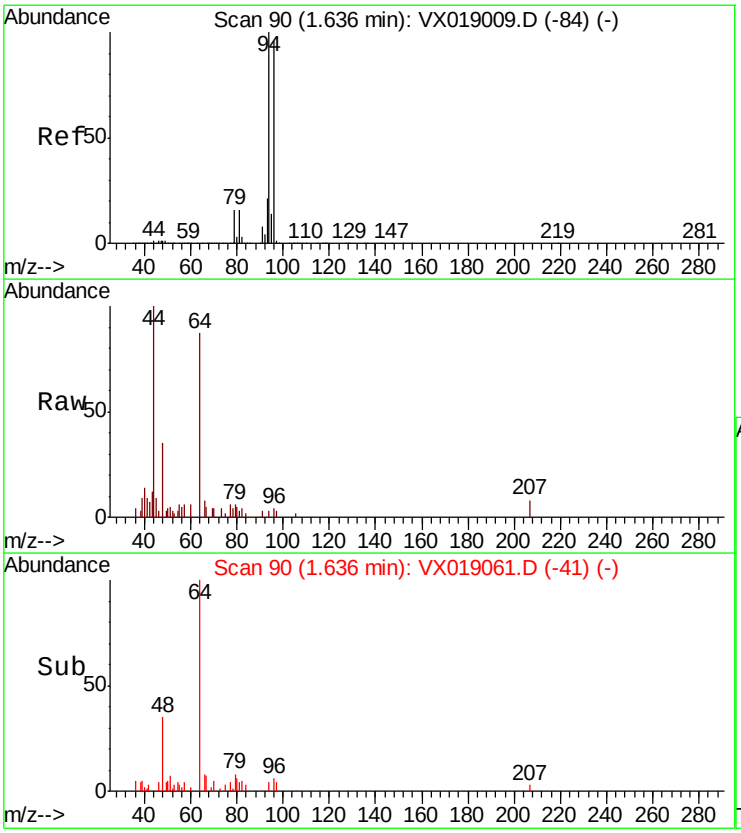
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion:168 Resp: 289203

Ion	Ratio	Lower	Upper
168	100		
99	52.3	44.2	66.2

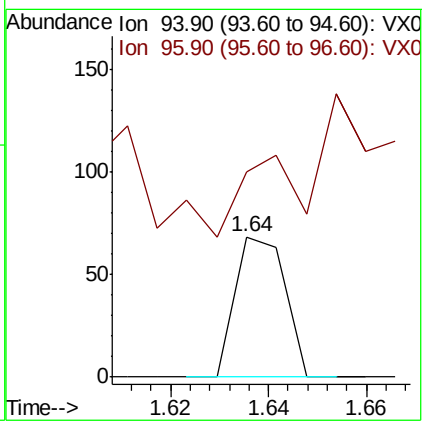


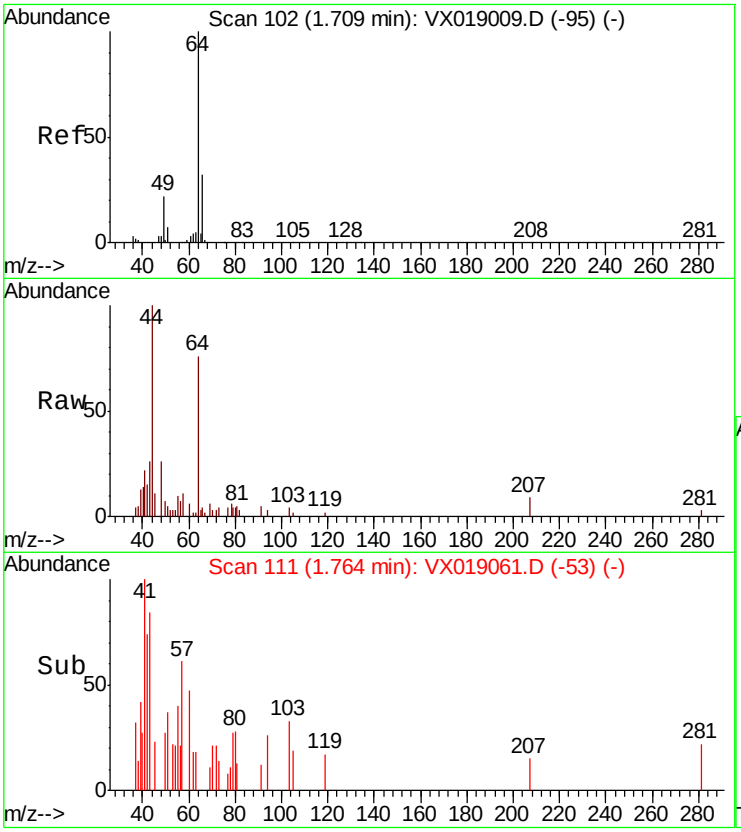


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 90
Delta R.T. 0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 94 Resp: 48

Ion	Ratio	Lower	Upper
94	100		
96	20.6	77.1	115.7#



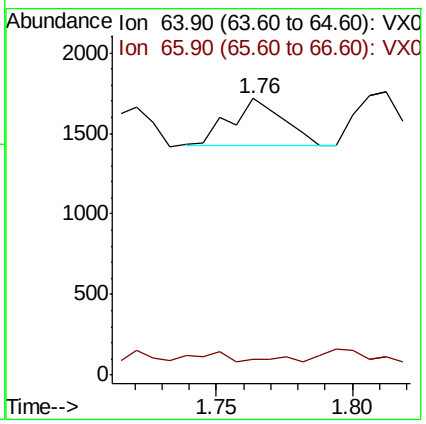


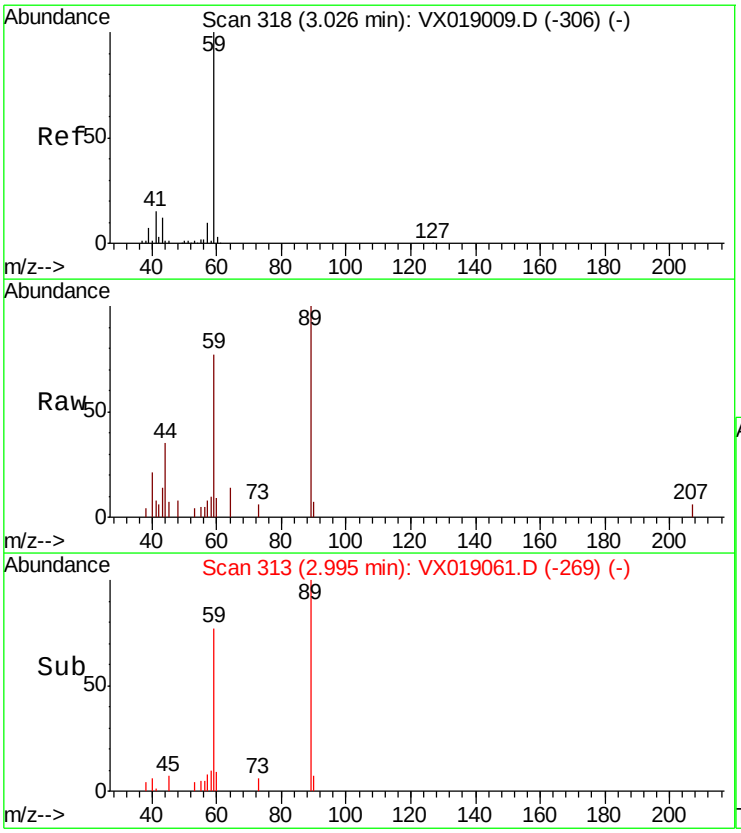
#6
Chloroethane
Concen: 1.405 ug/l
RT: 1.76 min Scan# 111
Delta R.T. 0.05 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion: 64 Resp: 392

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

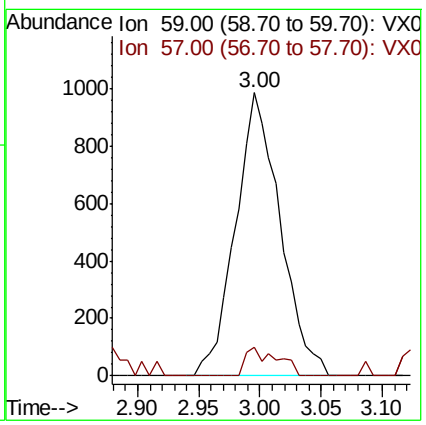


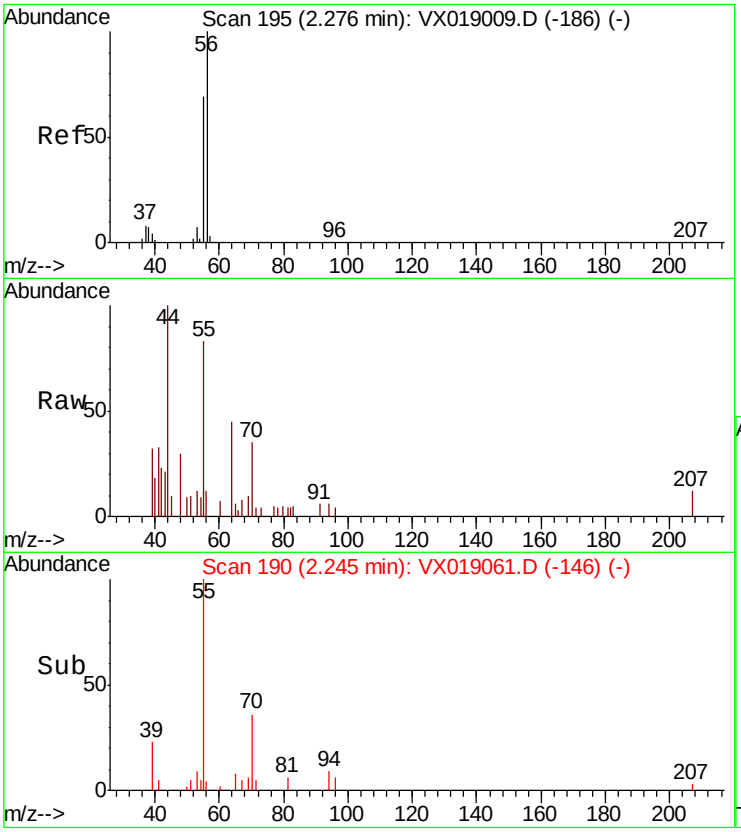


#11
Tert butyl alcohol
Concen: 3.566 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.03 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 59 Resp: 2502

Ion	Ratio	Lower	Upper
59	100		
57	7.0	8.2	12.2#



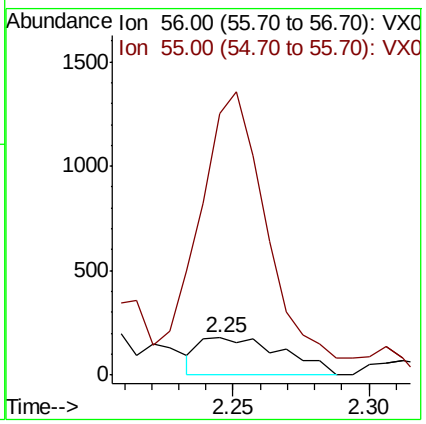


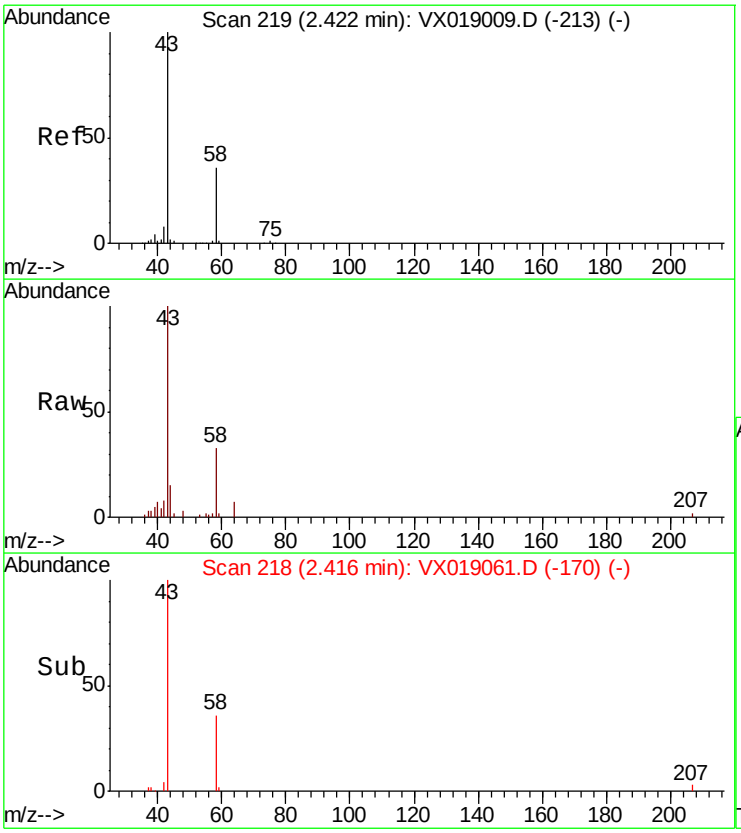
#13
Acrolein
Concen: 14.997 ug/l
RT: 2.25 min Scan# 190
Delta R.T. -0.03 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 56 Resp: 384

Ion	Ratio	Lower	Upper
56	100		
55	542.4	54.2	81.4#

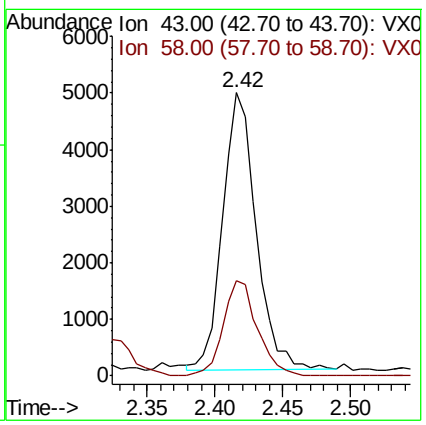


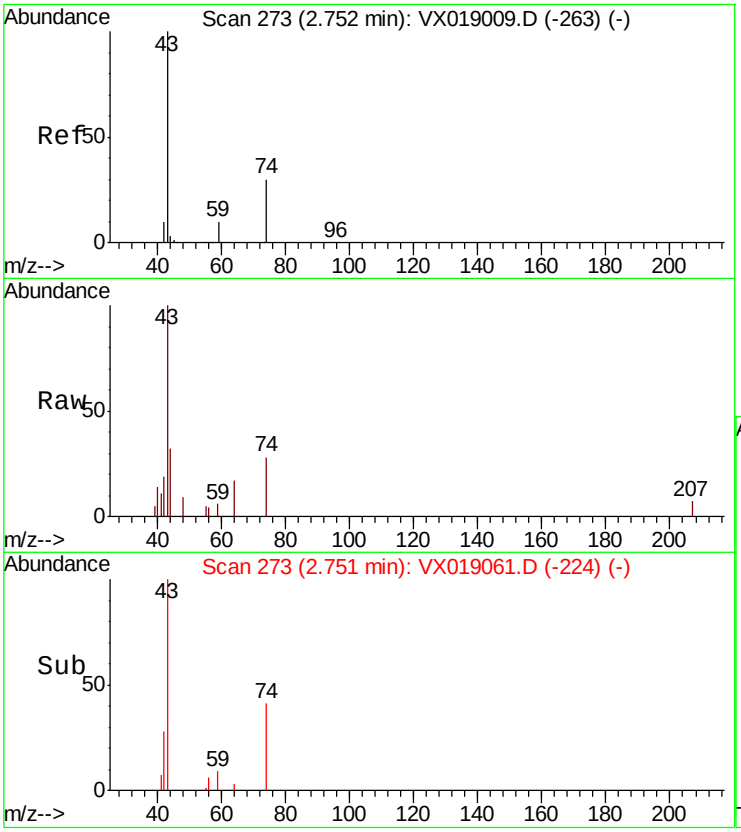


#16
Acetone
Concen: 7.088 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 43 Resp: 8363

Ion	Ratio	Lower	Upper
43	100		
58	34.3	28.6	42.8



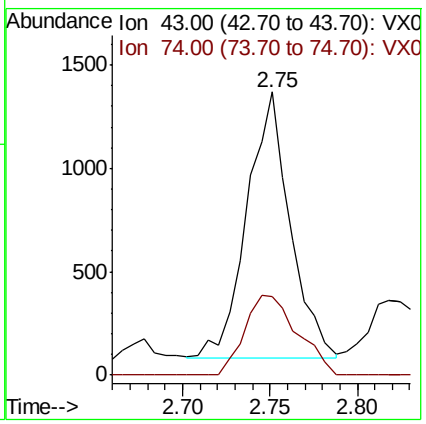


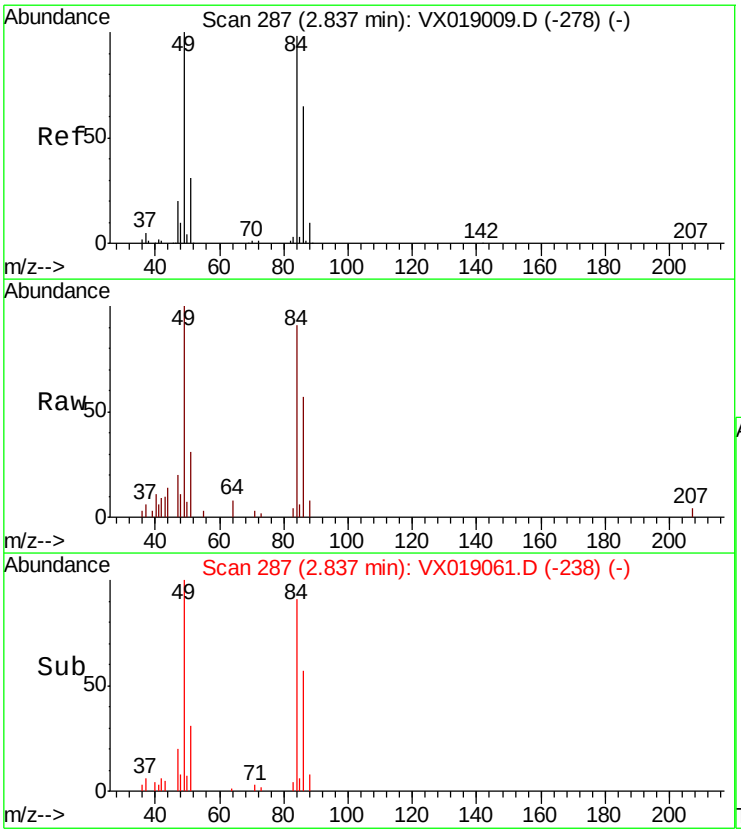
#18
Methyl Acetate
Concen: 0.761 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 43 Resp: 2227

Ion	Ratio	Lower	Upper
43	100		
74	36.4	24.9	37.3

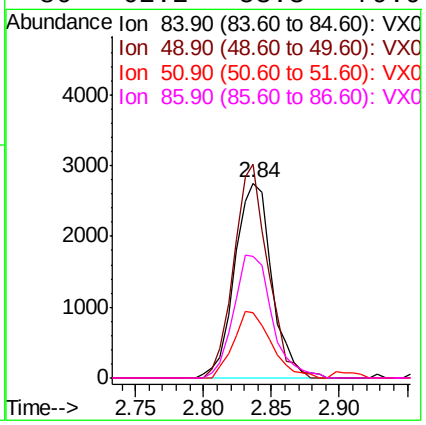


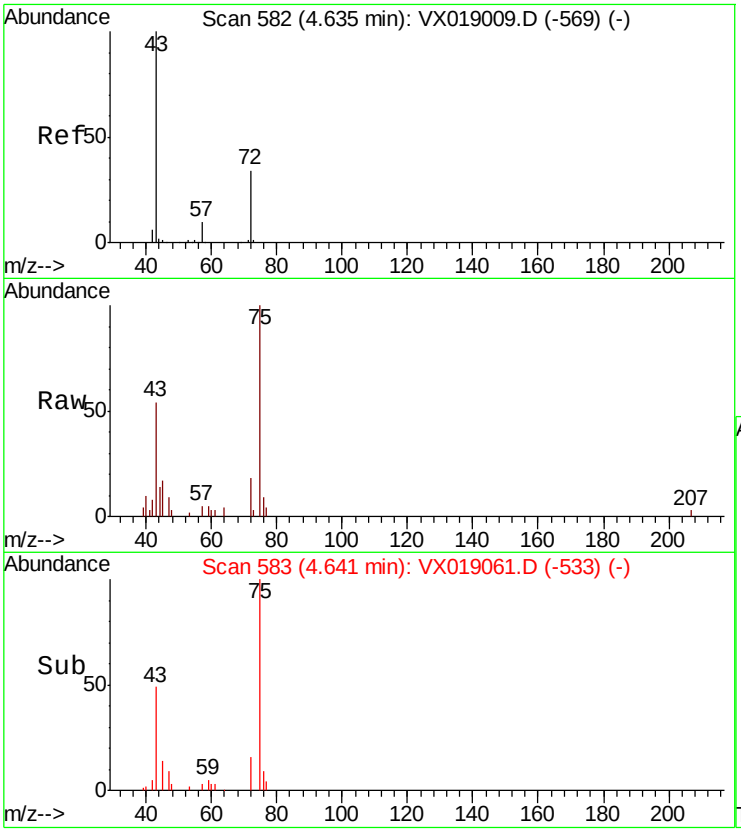


#20
Methylene Chloride
Concen: 1.599 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 84 Resp: 5252

Ion	Ratio	Lower	Upper
84	100		
49	109.4	81.6	122.4
51	33.5	25.6	38.4
86	62.2	53.3	79.9



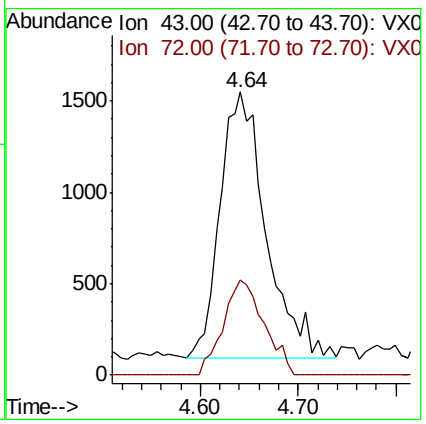


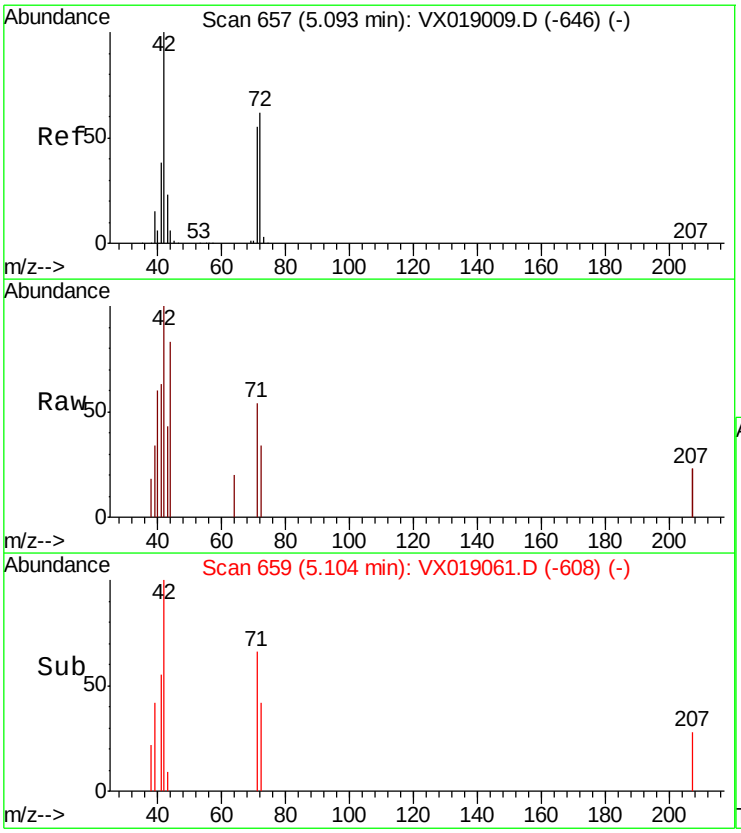
#25
2-Butanone
Concen: 2.556 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 43 Resp: 4766

Ion	Ratio	Lower	Upper
43	100		
72	36.0	27.8	41.6

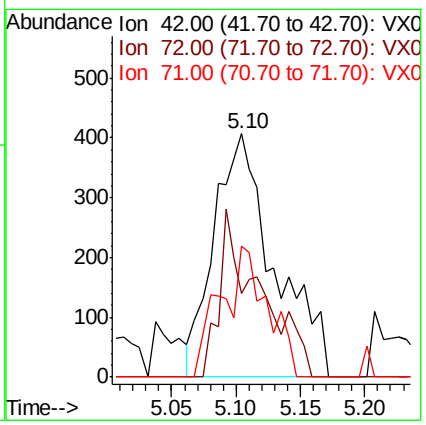


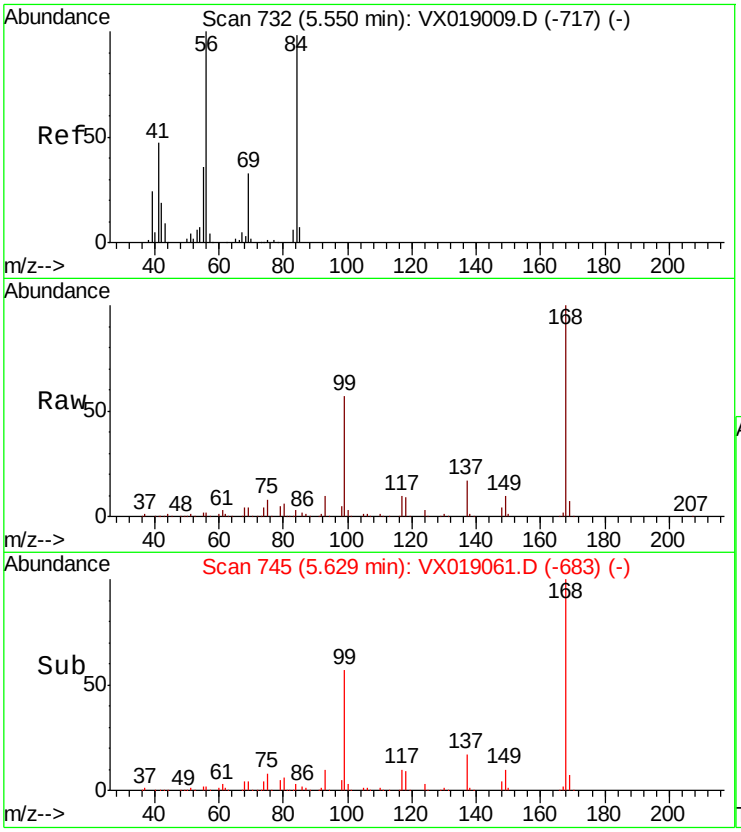


#29
Tetrahydrofuran
Concen: 1.195 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 42 Resp: 1332

Ion	Ratio	Lower	Upper
42	100		
72	46.2	49.1	73.7#
71	41.6	44.2	66.4#



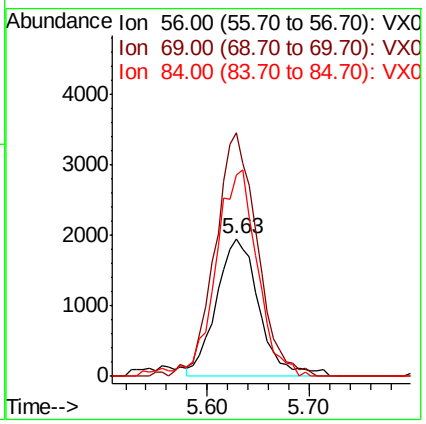


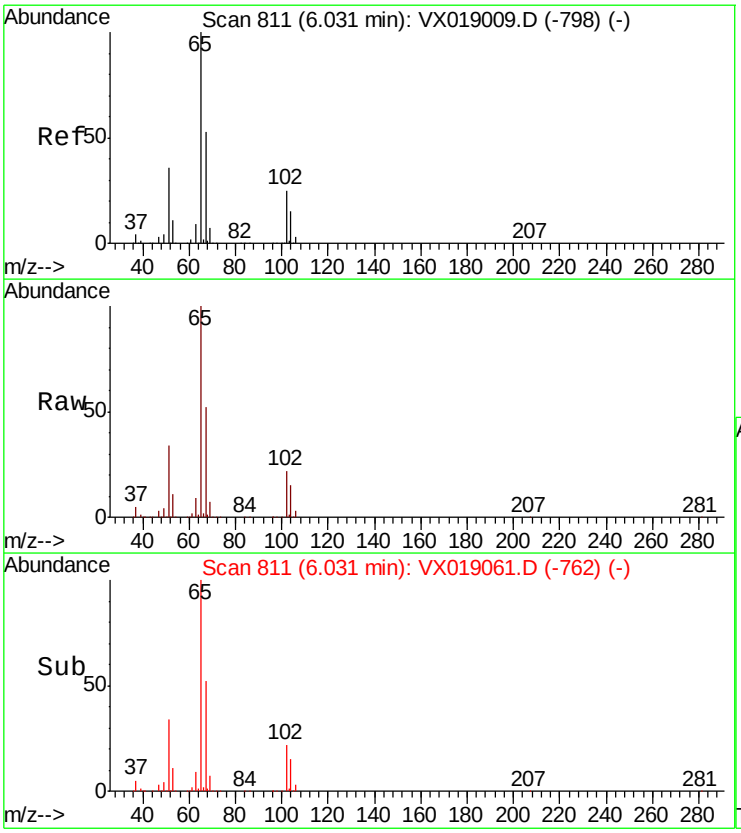
#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 56 Resp: 5721

Ion	Ratio	Lower	Upper
56	100		
69	177.0	26.2	39.2#
84	146.6	78.3	117.5#

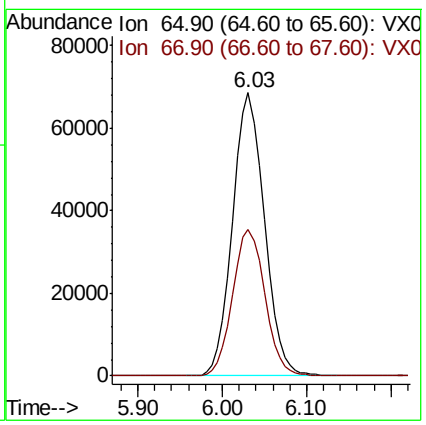


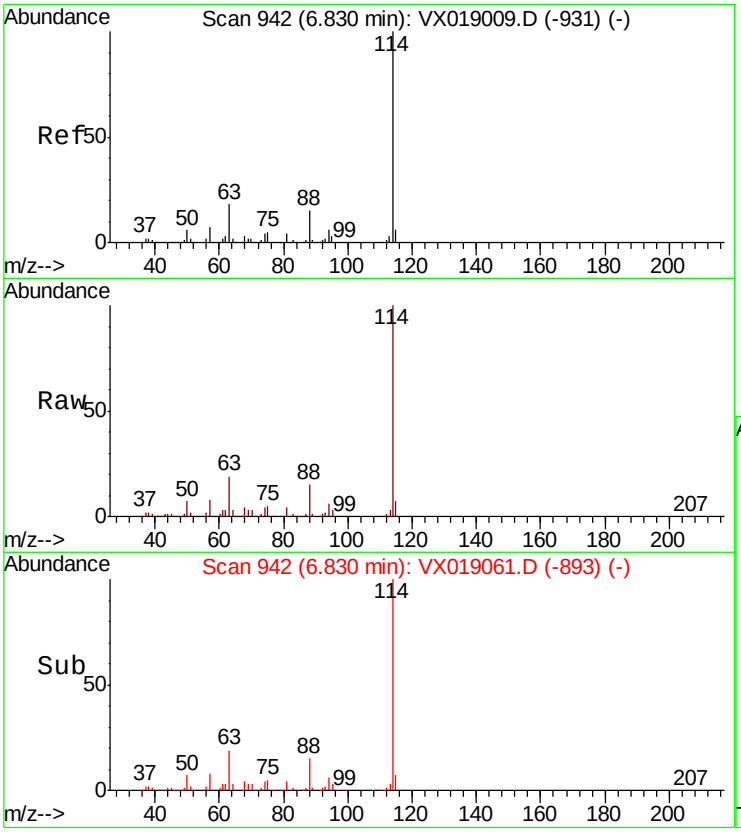


#33
1,2-Dichloroethane-d4
Concen: 50.772 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 65 Resp: 175885

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.0



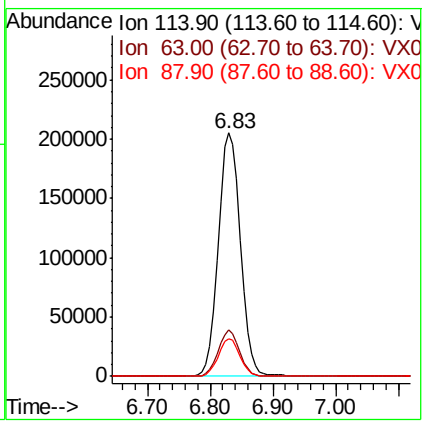


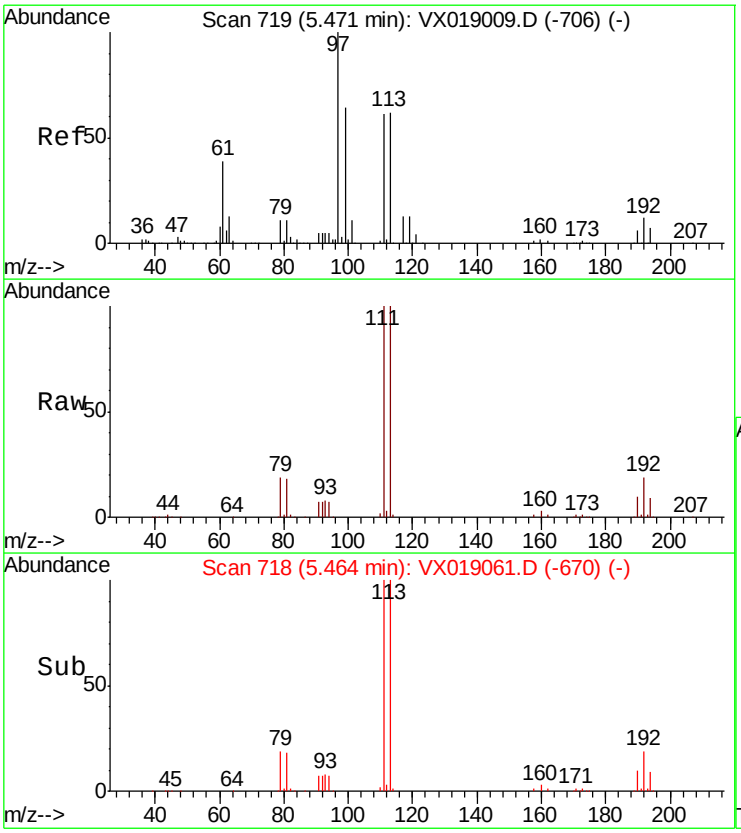
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion:114 Resp: 501831

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.8
88	15.3	0.0	30.2

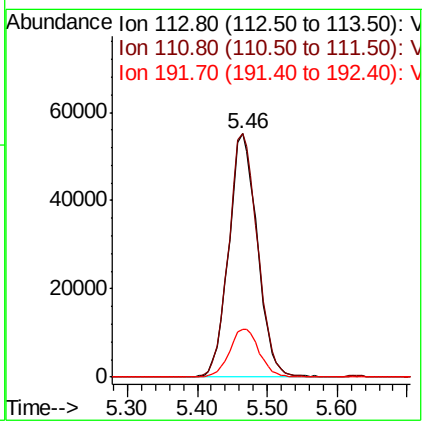


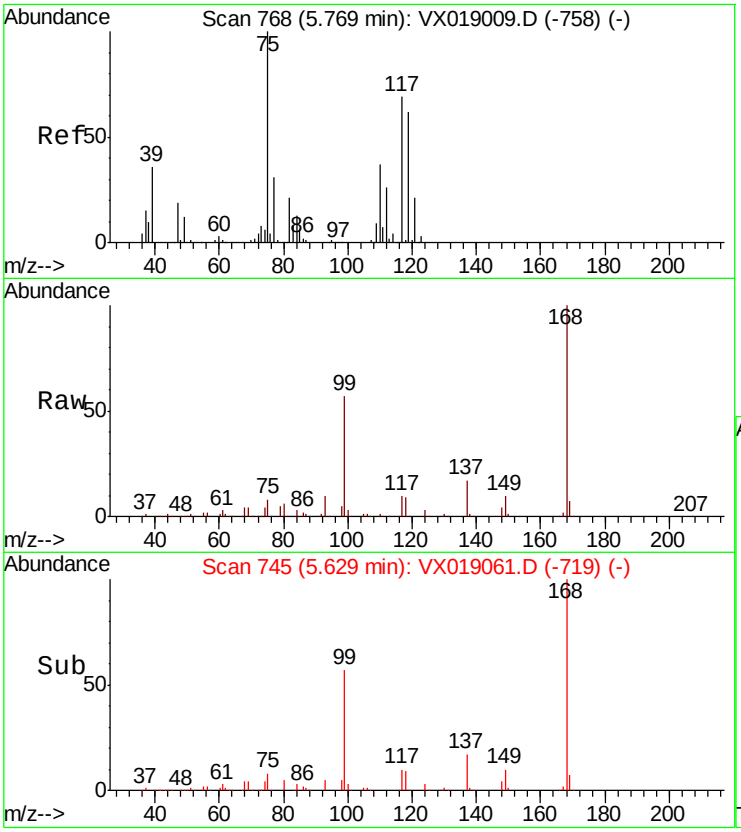


#35
Dibromofluoromethane
Concen: 49.250 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion:113 Resp: 156479

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	20.3	16.3	24.5



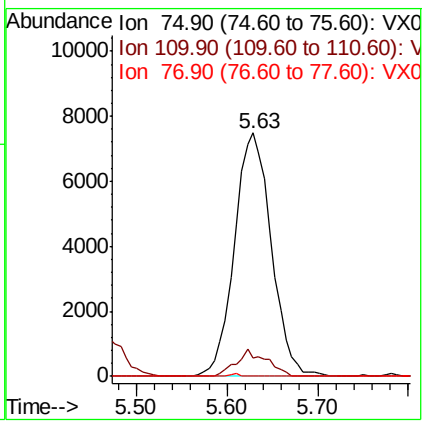


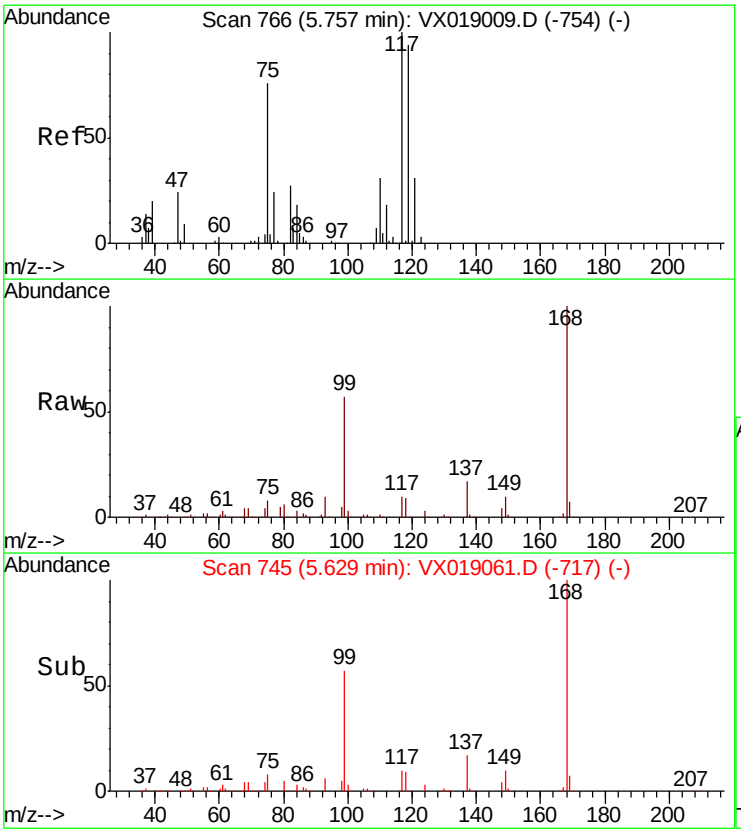
#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 75 Resp: 21040

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.4	58.2#
77	0.3	25.2	37.8#

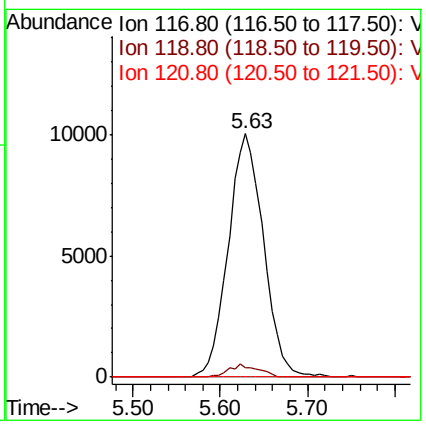


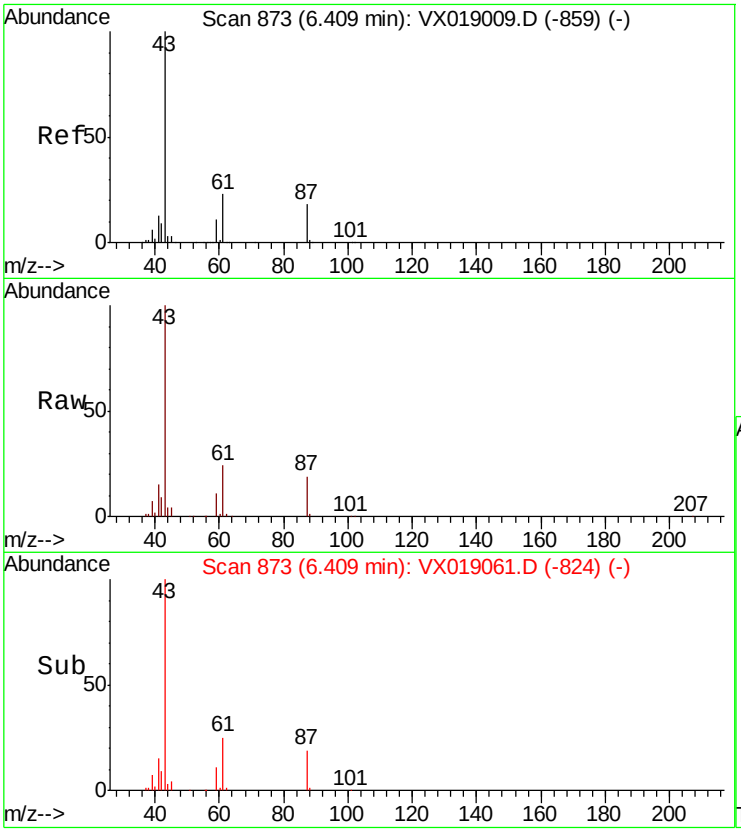


#38
Carbon Tetrachloride
Concen: 5.951 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion:117 Resp: 28127

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.4	113.0#
121	0.0	25.0	37.6#



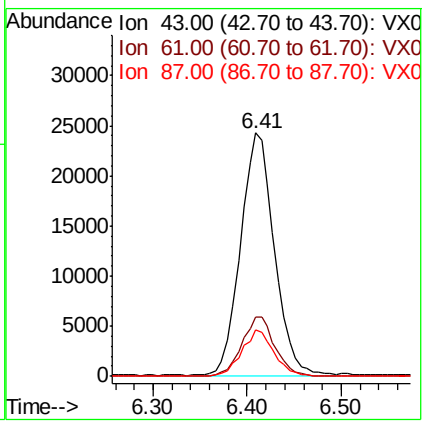


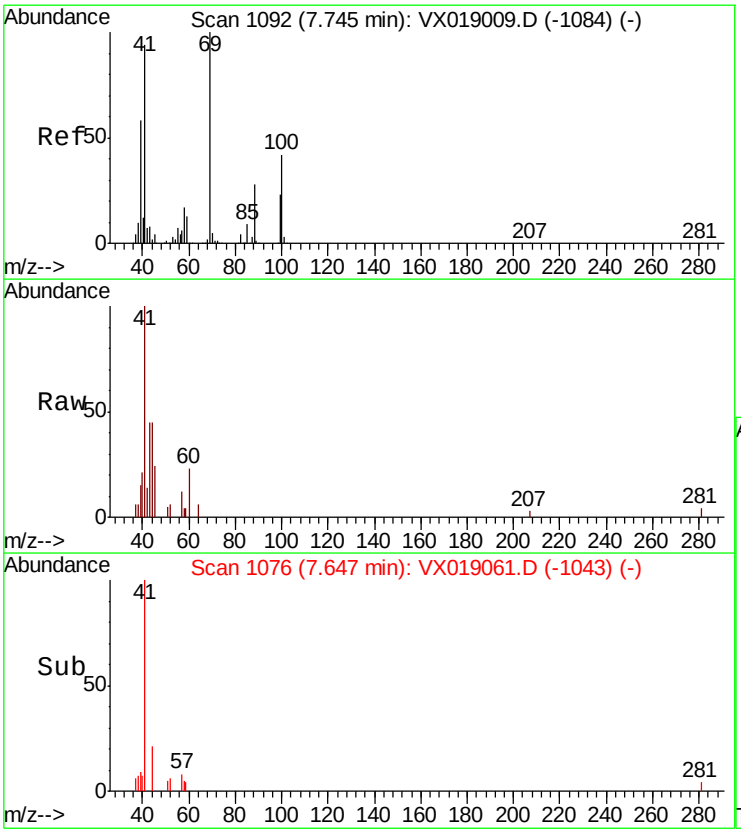
#43
Isopropyl Acetate
Concen: 9.462 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 43 Resp: 61591

Ion	Ratio	Lower	Upper
43	100		
61	23.7	18.7	28.1
87	17.9	14.2	21.4

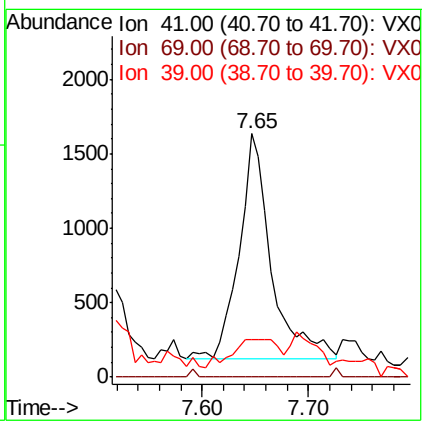


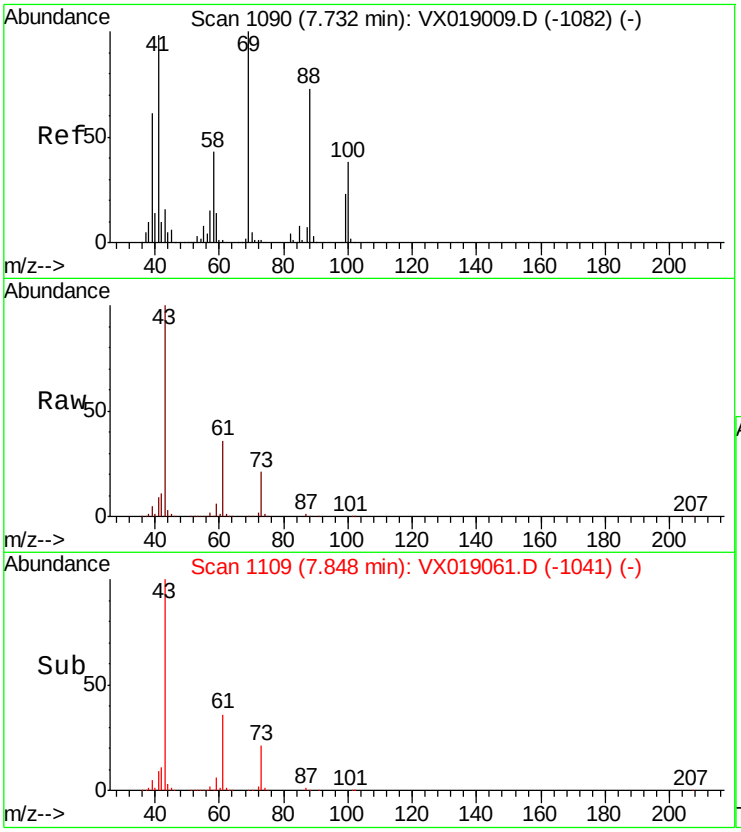


#48
Methyl methacrylate
Concen: 0.990 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.10 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 41 Resp: 3174

Ion	Ratio	Lower	Upper
41	100		
69	0.0	85.5	128.3#
39	0.0	49.3	73.9#



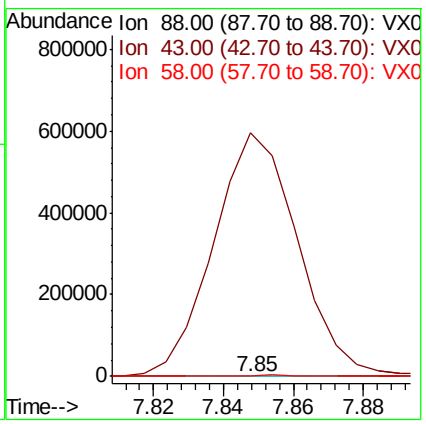


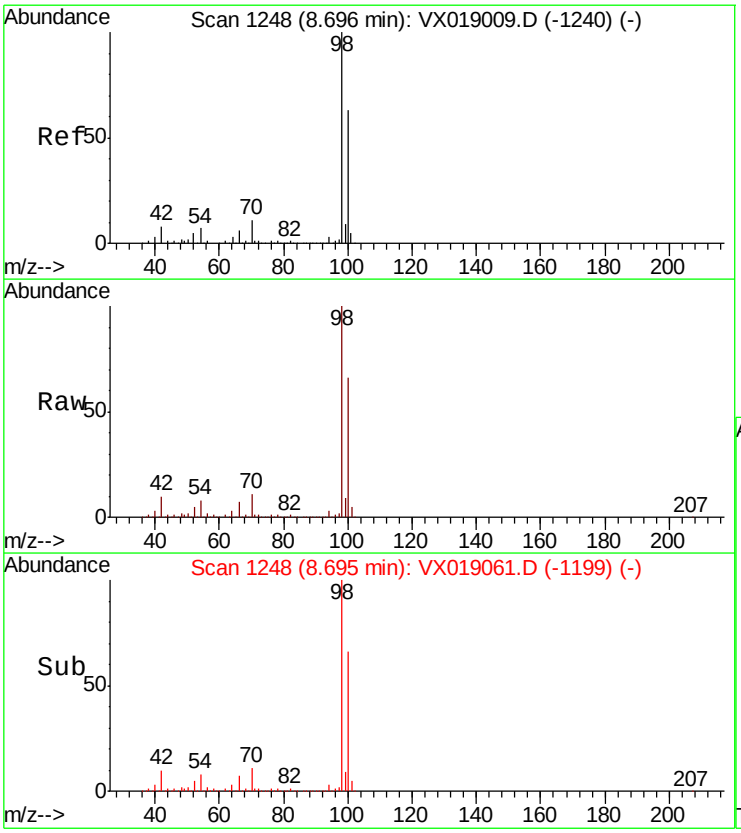
#49
1,4-Dioxane
Concen: 2.222 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.12 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 88 Resp: 161

Ion	Ratio	Lower	Upper
88	100		
43	624072.0	20.3	30.5#
58	3054.0	48.4	72.6#

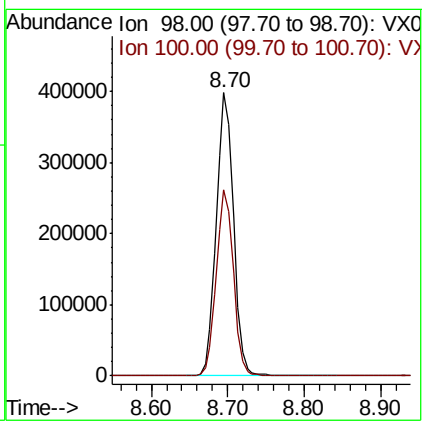


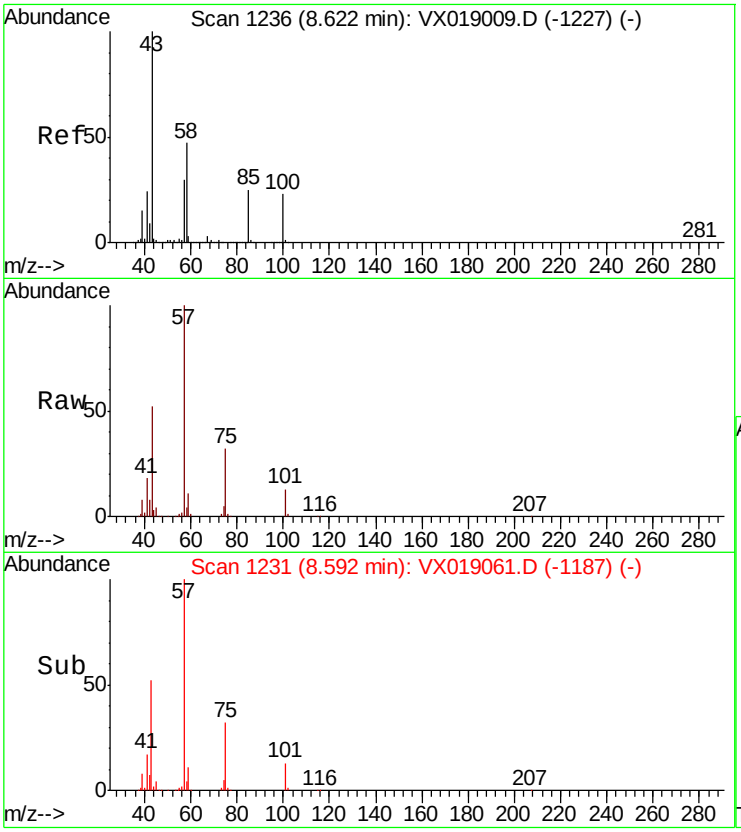


#50
Toluene-d8
Concen: 51.304 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 98 Resp: 622029

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1



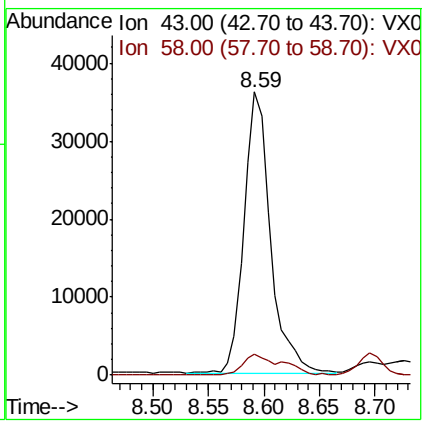


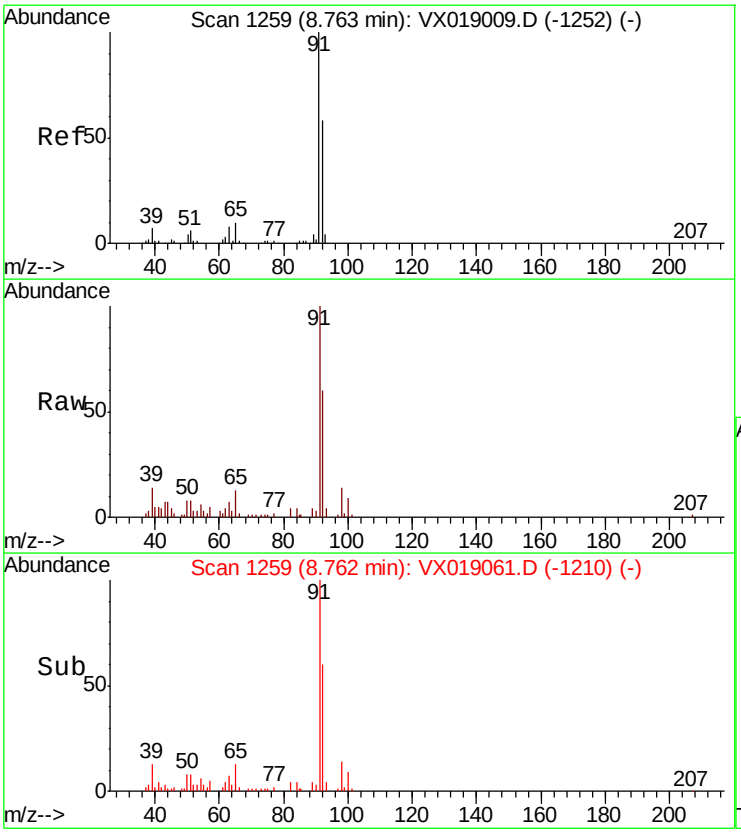
#51
4-Methyl-2-Pentanone
Concen: 15.524 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion: 43 Resp: 59542

Ion	Ratio	Lower	Upper
43	100		
58	10.9	37.4	56.0#

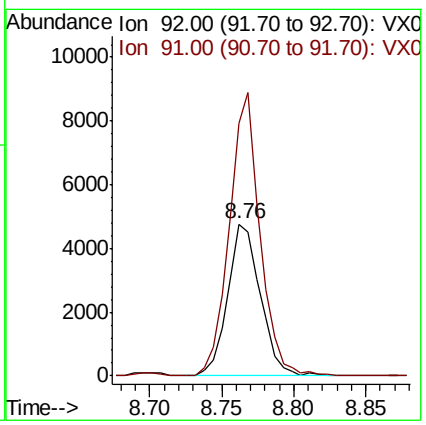


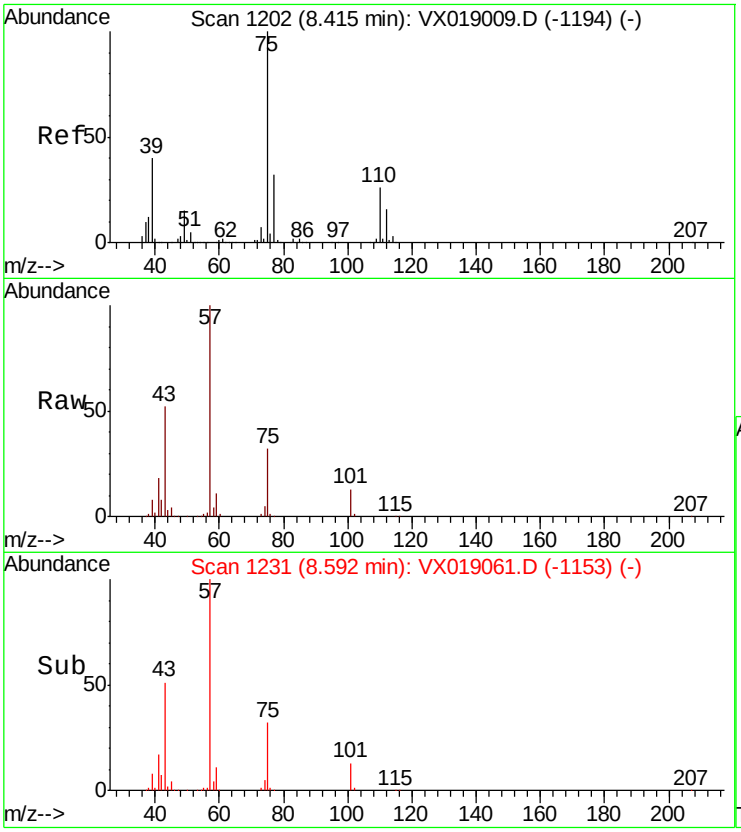


#52
Toluene
Concen: 0.864 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 92 Resp: 7565

Ion	Ratio	Lower	Upper
92	100		
91	174.6	138.6	208.0



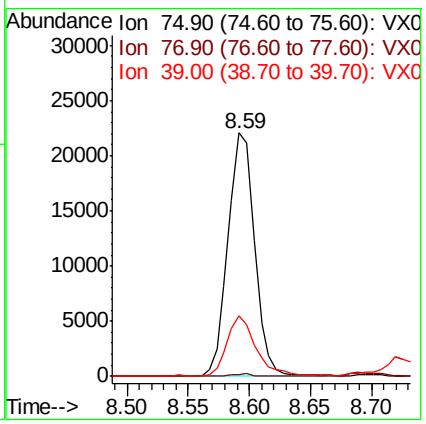


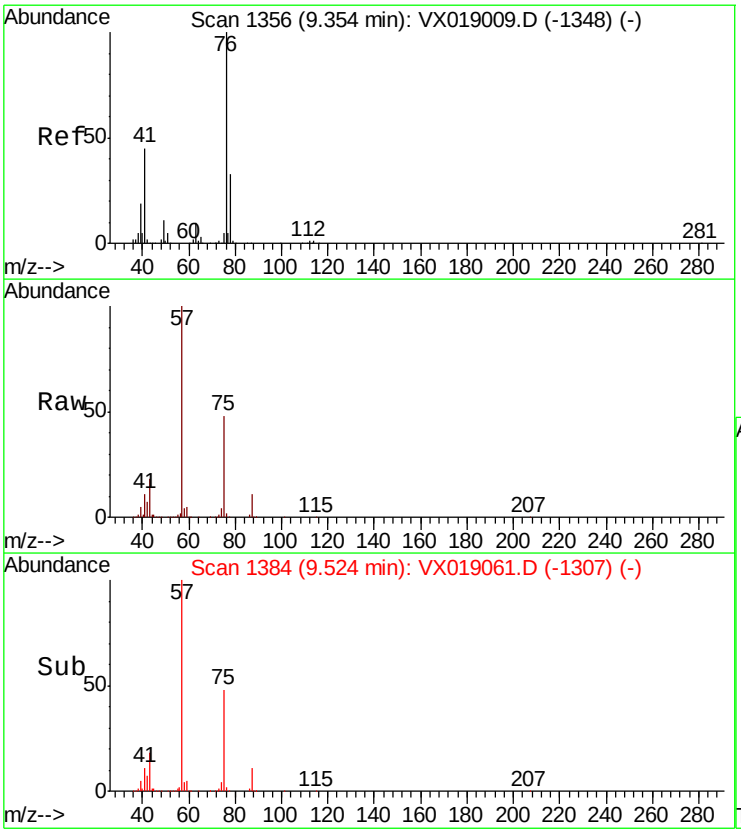
#54
cis-1,3-Dichloropropene
Concen: 5.885 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 75 Resp: 33340

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.9	38.9#
39	24.8	31.7	47.5#

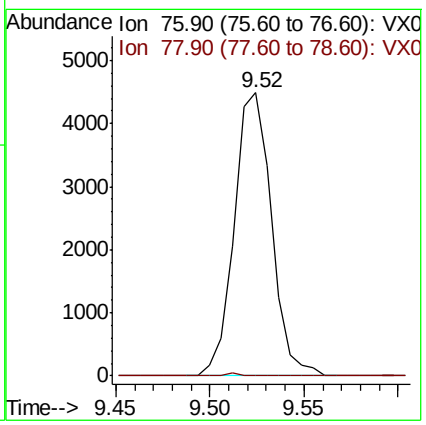


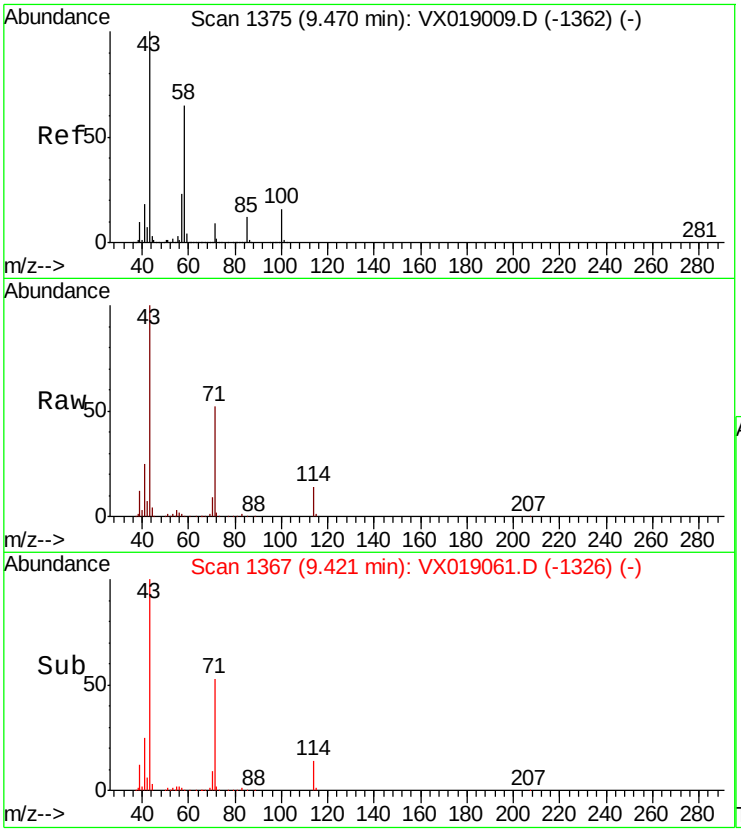


#57
1,3-Dichloropropane
Concen: 1.084 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 76 Resp: 6145

Ion	Ratio	Lower	Upper
76	100		
78	0.3	26.2	39.4#



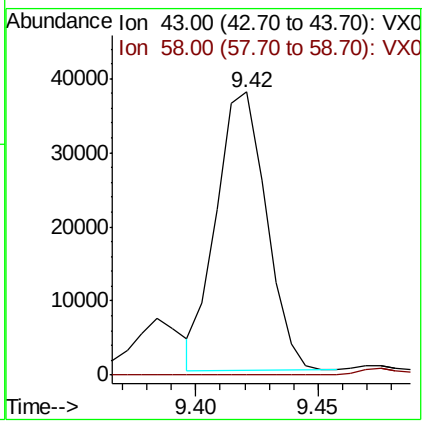


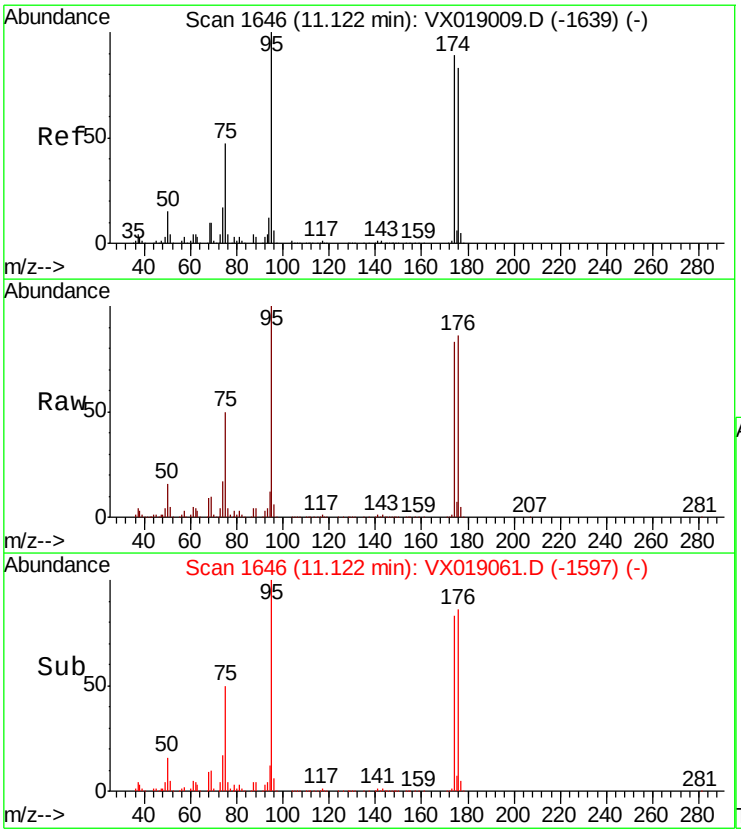
#59
2-Hexanone
Concen: 18.727 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion: 43 Resp: 53526

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	98.4#

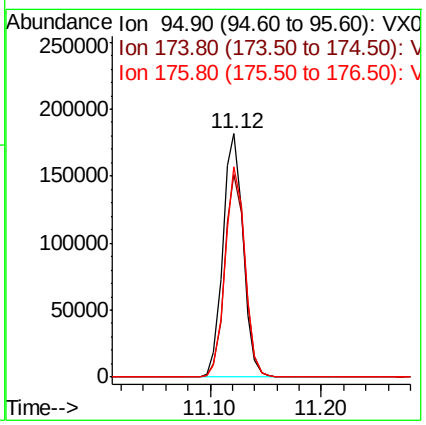


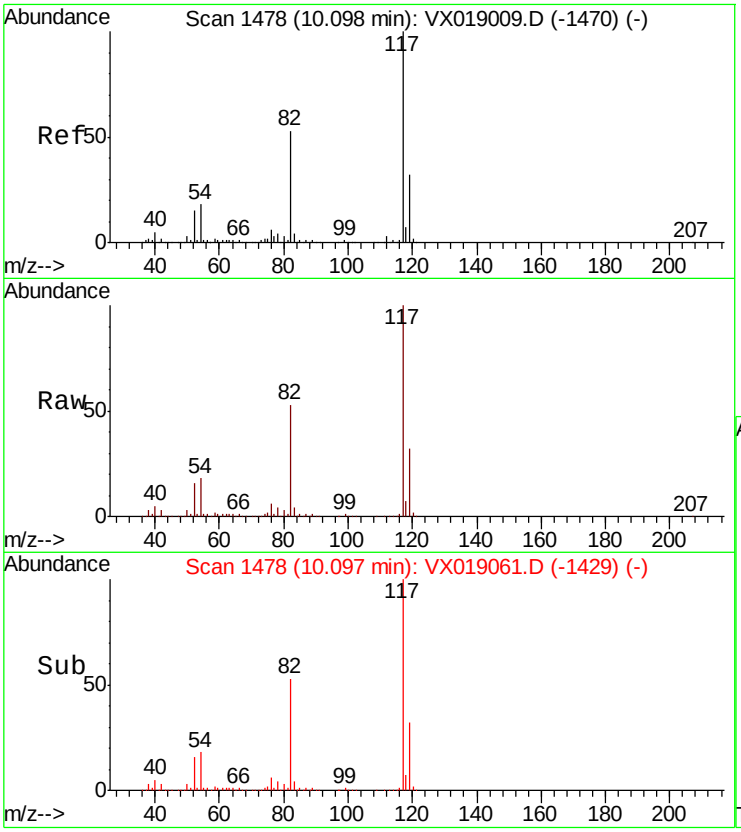


#62
4-Bromofluorobenzene
Concen: 52.867 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 95 Resp: 228003

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	167.6
176	84.7	0.0	165.2



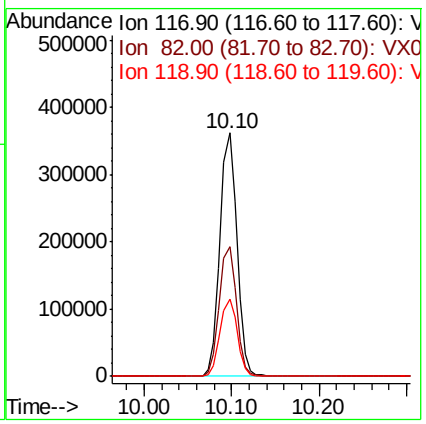


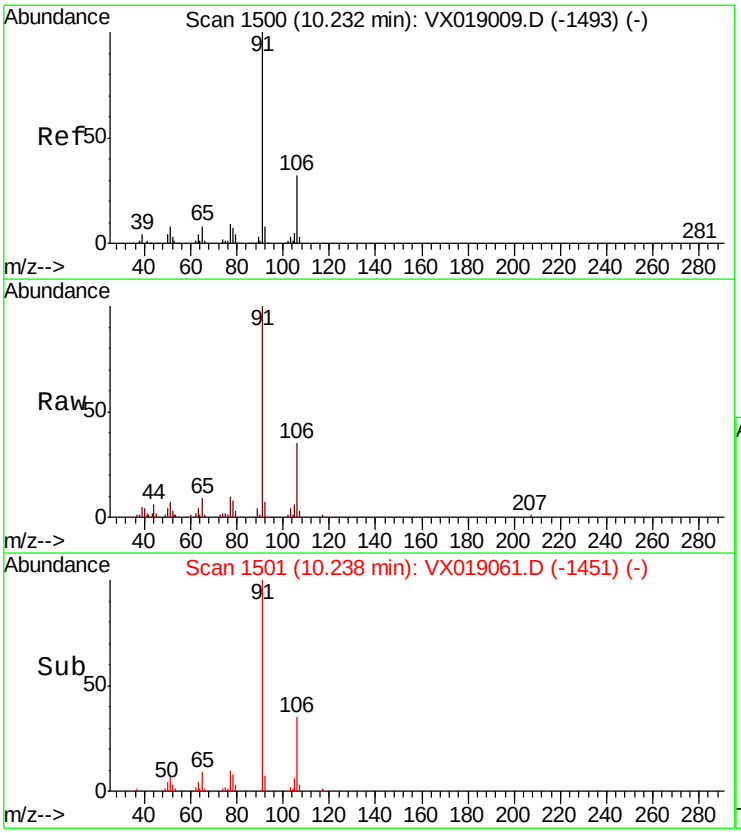
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion:117 Resp: 486064

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.4	63.6
119	31.7	25.6	38.4

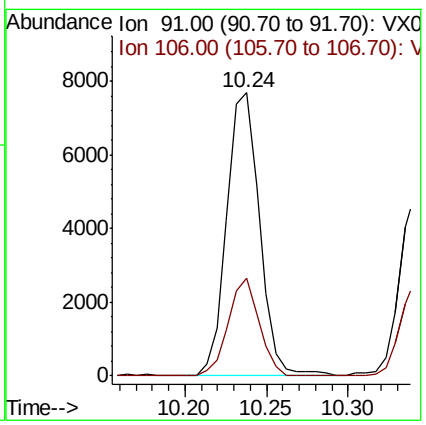


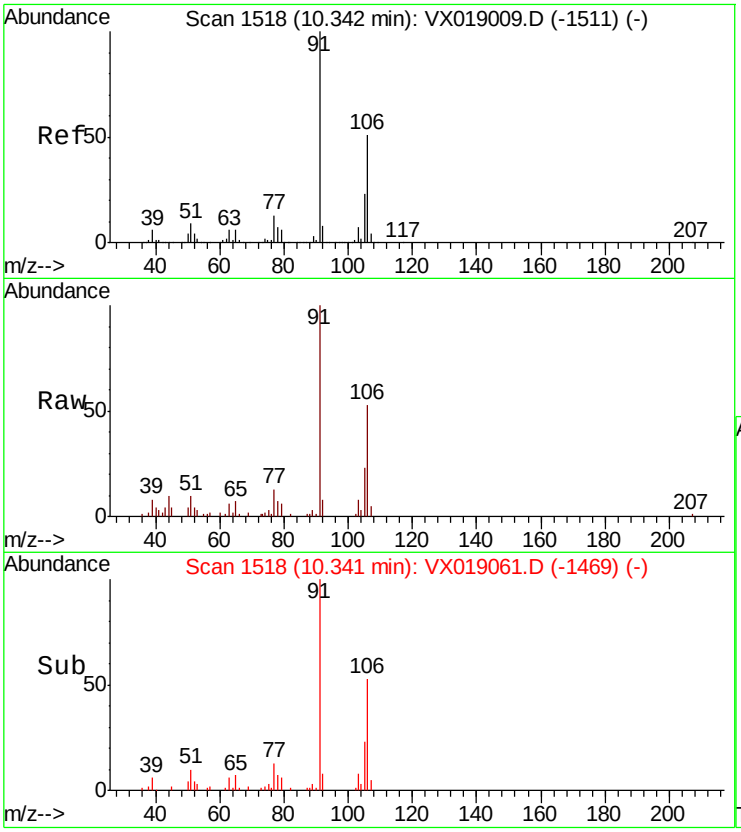


#67
Ethyl Benzene
Concen: 0.614 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 91 Resp: 10786

Ion	Ratio	Lower	Upper
91	100		
106	34.7	25.3	37.9



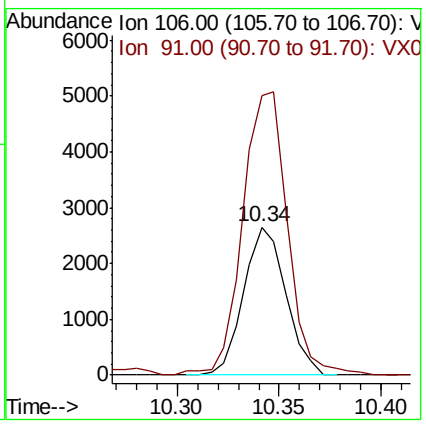


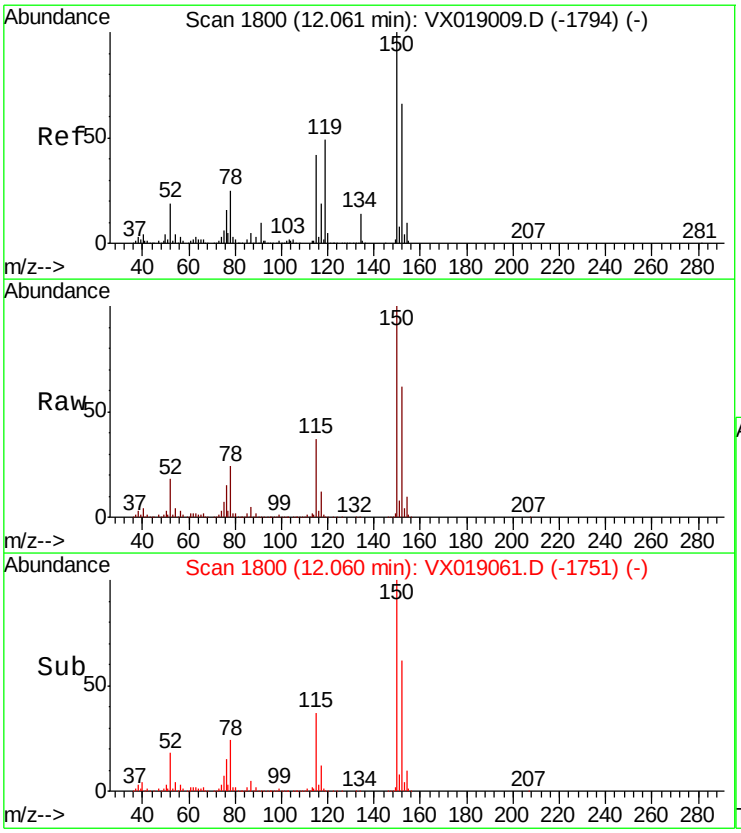
#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion:106 Resp: 3815

Ion	Ratio	Lower	Upper
106	100		
91	203.2	156.9	235.3

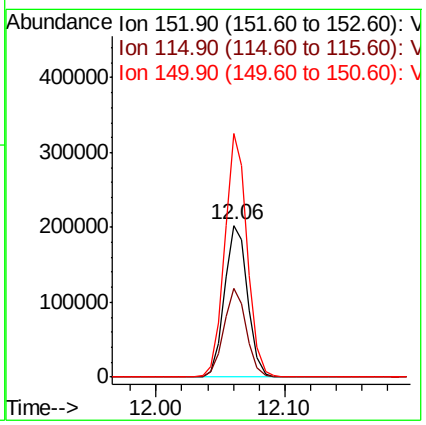


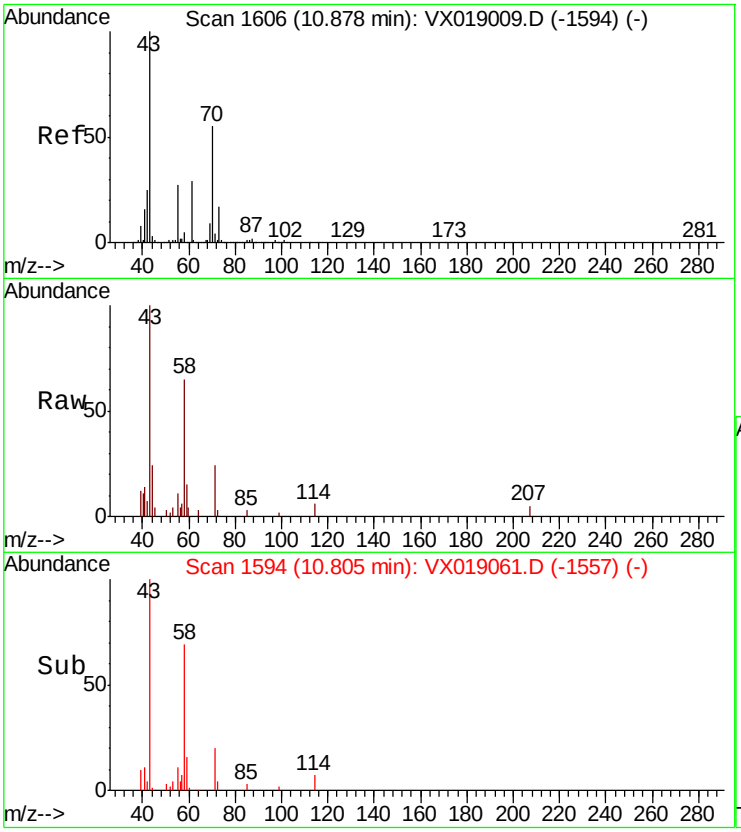


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion:152 Resp: 255208

Ion	Ratio	Lower	Upper
152	100		
115	57.0	40.8	122.5
150	155.5	0.0	345.6



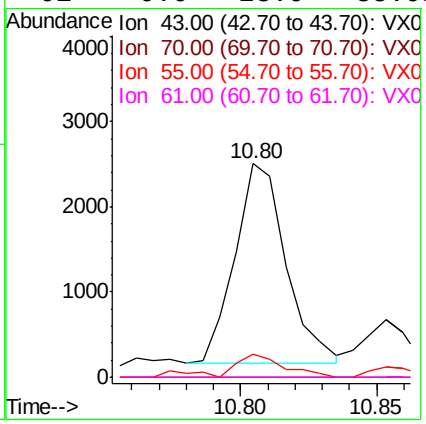


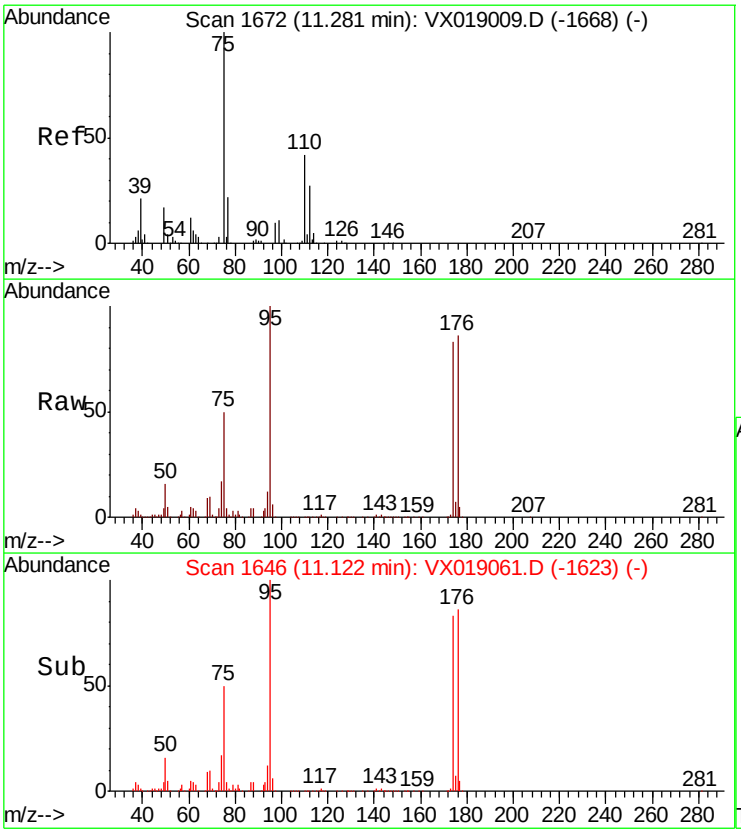
#74
N-amyl acetate
Concen: 0.517 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion: 43 Resp: 3042

Ion	Ratio	Lower	Upper
43	100		
70	0.0	44.5	66.7#
55	12.7	21.9	32.9#
61	0.0	23.9	35.9#

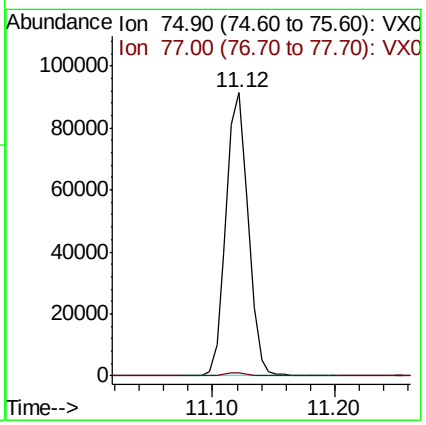


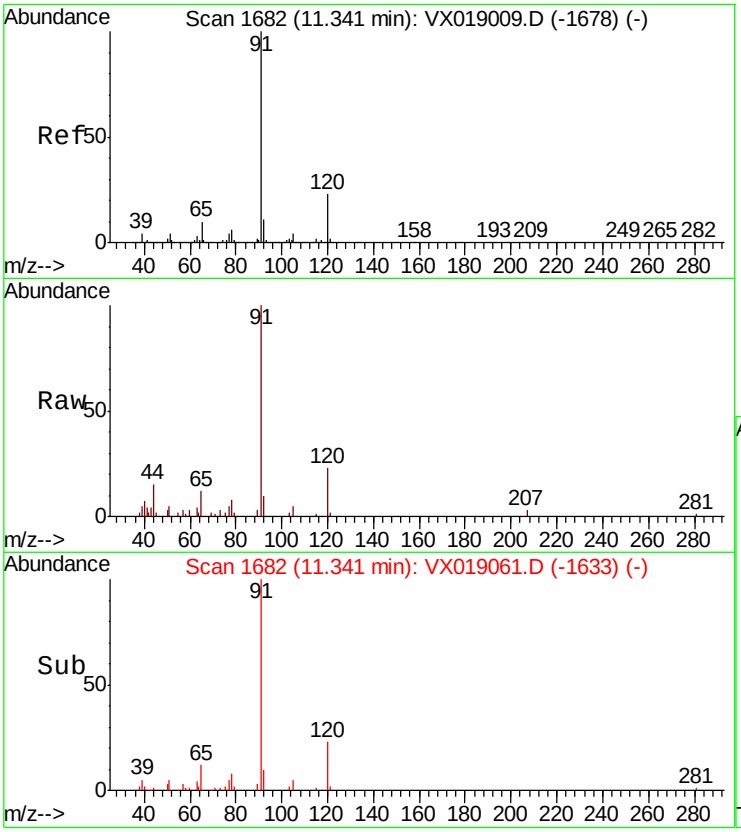


#76
1,2,3-Trichloropropane
Concen: 22.461 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 75 Resp: 114571

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.7	62.1#



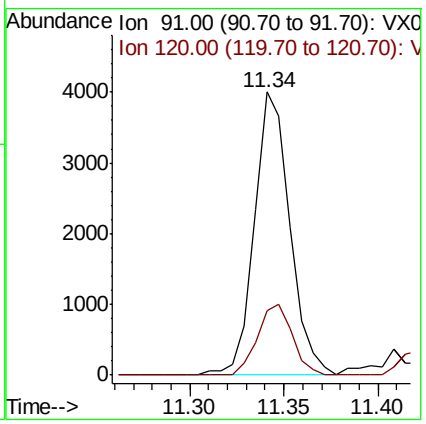


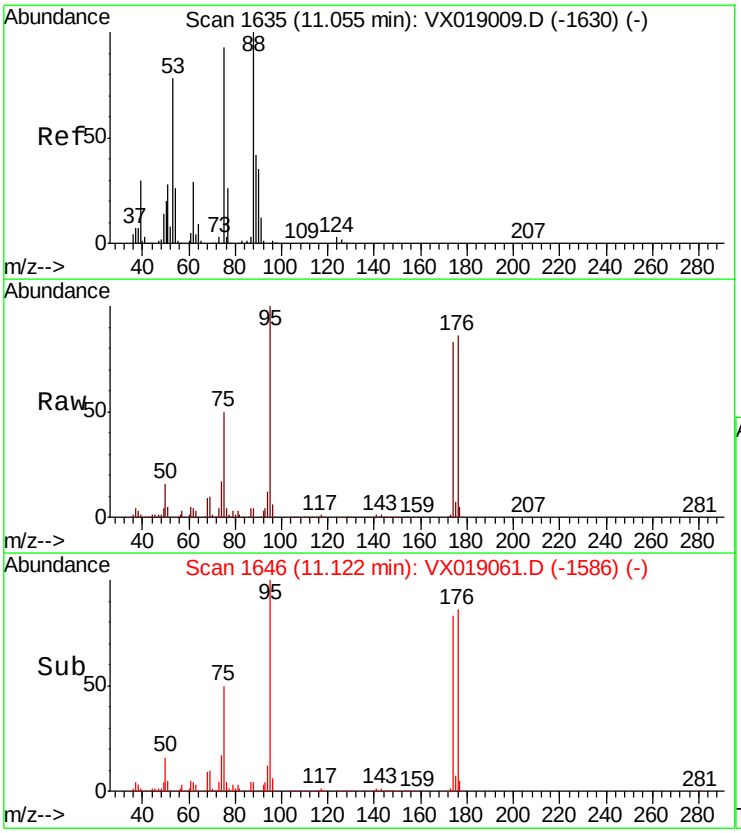
#78
n-propylbenzene
Concen: 0.251 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument : MSVOA_X
ClientSampleId : PB132537ZHE#02

Tgt Ion: 91 Resp: 5218

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.1	36.3

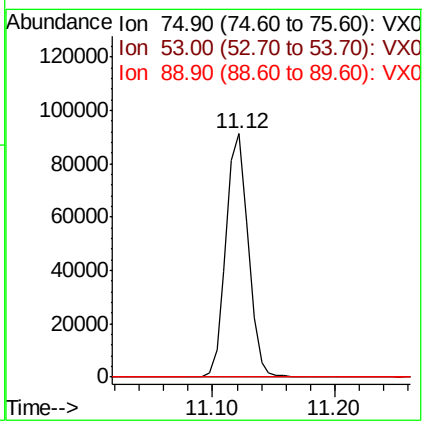


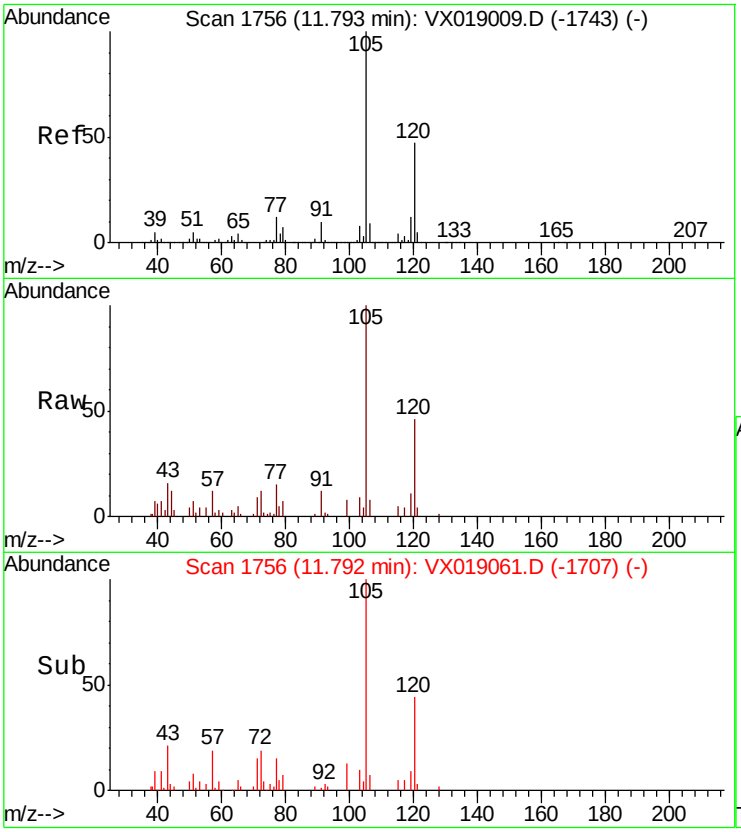


#81
trans-1,4-Dichloro-2-butene
Concen: 57.226 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion: 75 Resp: 114571

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	37.2	55.8#



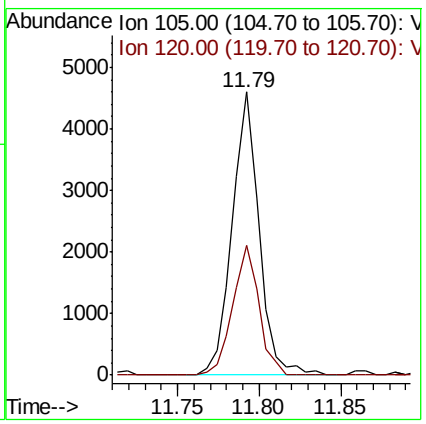


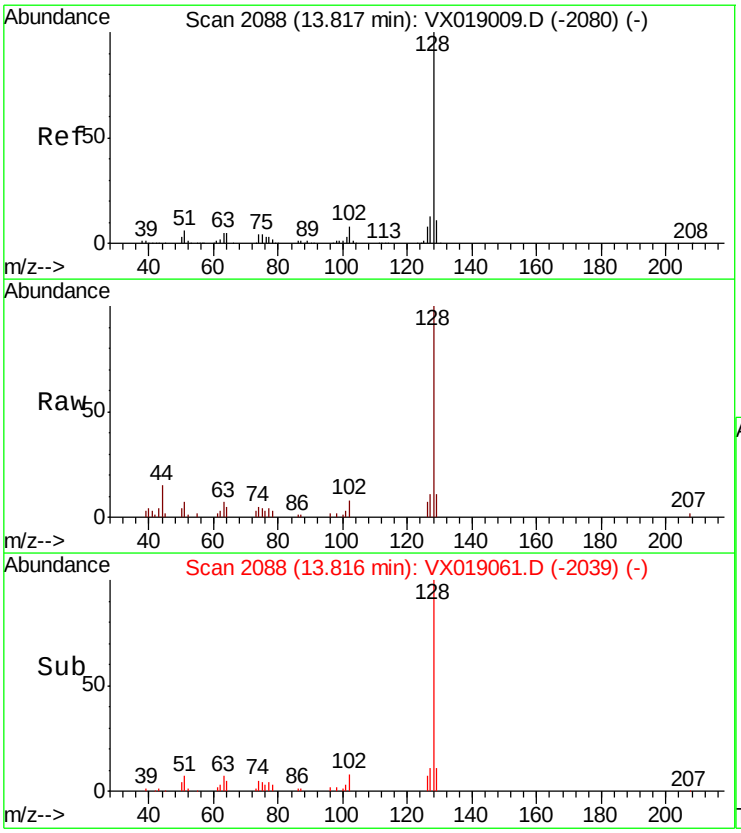
#84
1,2,4-Trimethylbenzene
Concen: 0.347 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Instrument :
MSVOA_X
ClientSampleId :
PB132537ZHE#02

Tgt Ion:105 Resp: 5268

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.8





#95
Naphthalene
Concen: 0.352 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019061.D
Acq: 23 Oct 2020 05:03

Tgt Ion:128 Resp: 6427

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.2	8.7	13.1