Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

Quantitation Report (Not Reviewed)

Data File : VX019612.D
Acq On : 24 Nov 2020 17:51
Operator : JC/MD
Sample : PB133213ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133213ZHE#06

Quant Time: Nov 25 04:04:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	488358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	432876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	183671	48.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.64%			
35) Dibromofluoromethane	5.46	113	145799	47.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.12%			
50) Toluene-d8	8.70	98	587149	49.29	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.58%			
62) 4-Bromofluorobenzene	11.12	95	187798	43.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.64%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	999	0.305	ug/l #	41
6) Chloroethane	1.68	64	819	Below Cal #		41
11) Tert butyl alcohol	3.00	59	5950	8.272	ug/l #	74
13) Acrolein	2.29	56	183	0.378	ug/l #	42
16) Acetone	2.42	43	10607	7.216	ug/l	94
18) Methyl Acetate	2.75	43	4734	1.931	ug/l	98
20) Methylene Chloride	2.83	84	7928	2.158	ug/l	97
25) 2-Butanone	4.65	43	1969	0.892	ug/l	93
29) Tetrahydrofuran	5.12	42	1427	1.013	ug/l #	85
31) Cyclohexane	5.62	56	5766	1.166	ug/l #	8
36) 1,1-Dichloropropene	5.62	75	22727	4.964	ug/l #	50
38) Carbon Tetrachloride	5.63	117	28603	6.454	ug/l #	16
43) Isopropyl Acetate	6.42	43	76363	10.569	ug/l	100
48) Methyl methacrylate	7.65	41	4738	1.400	ug/l #	9
49) 1,4-Dioxane	7.85	88	247	3.215	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	75763	17.982	ug/l #	47
54) cis-1,3-Dichloropropene	8.59	75	39030	7.081	ug/l #	61
56) Ethyl methacrylate	9.28	69	1254	0.253	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	8141	1.387	ug/l #	43
59) 2-Hexanone	9.52	43	91593	28.664	ug/l #	48
70) Styrene	10.69	104	175	1.662	ug/l #	42
74) N-amyl acetate	10.81	43	2771	0.656	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	92495	26.008	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	2077	0.220	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	92495	68.533	ug/l #	12
95) Naphthalene	13.82	128	242	2.197	ug/l #	69

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

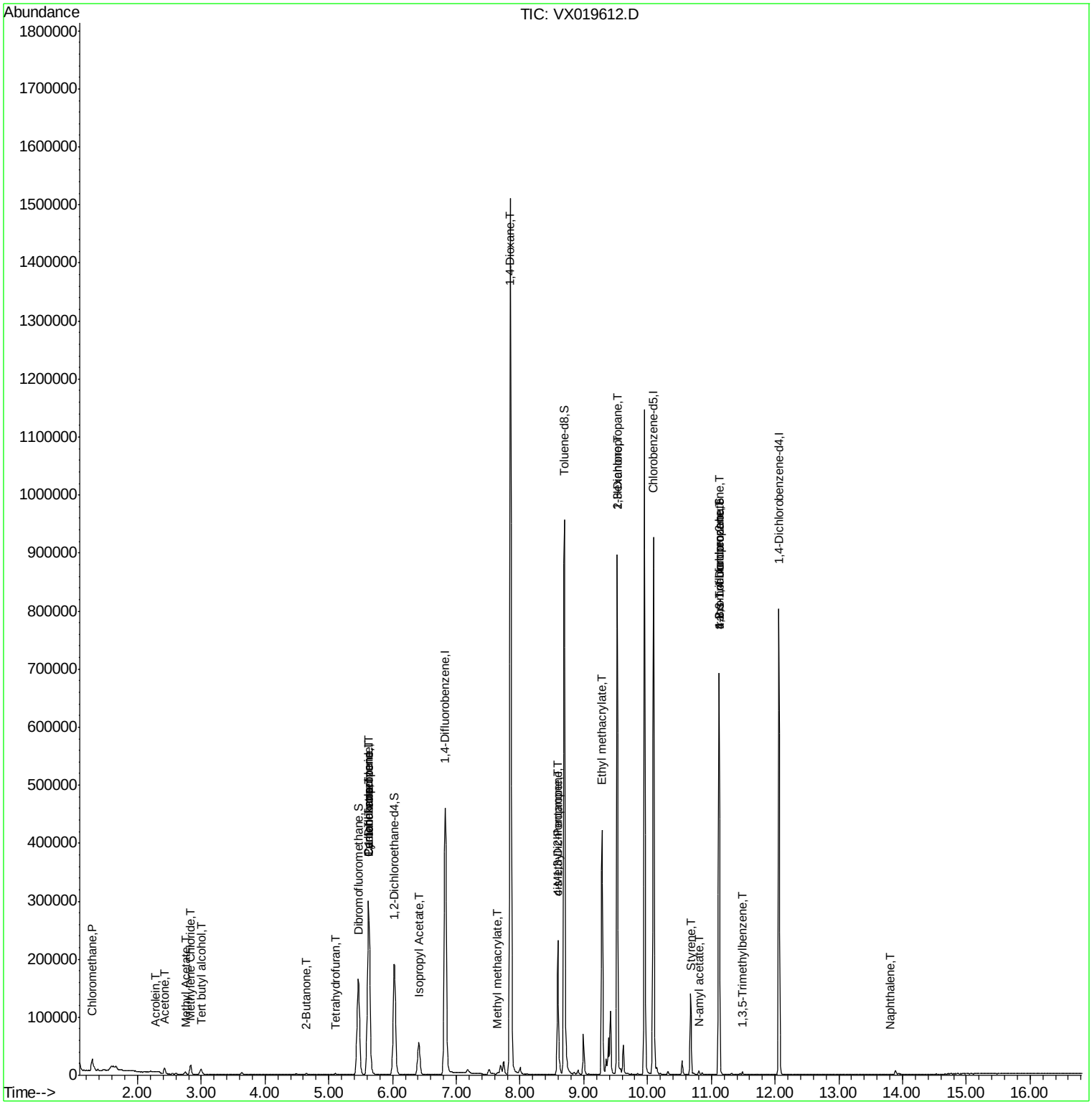
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

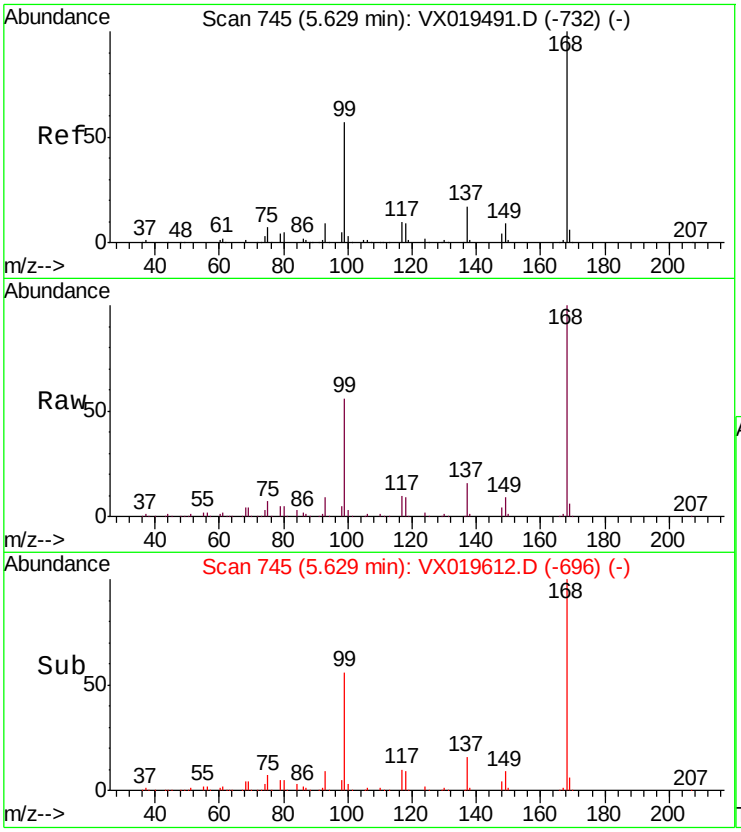
Quantitation Report (Not Reviewed)

Data File : VX019612.D
Acq On : 24 Nov 2020 17:51
Operator : JC/MD
Sample : PB133213ZHE#06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Quant Time: Nov 25 04:04:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



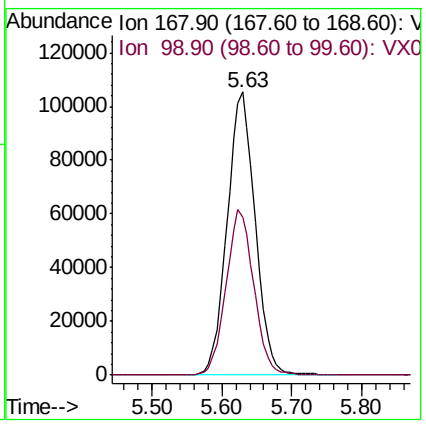


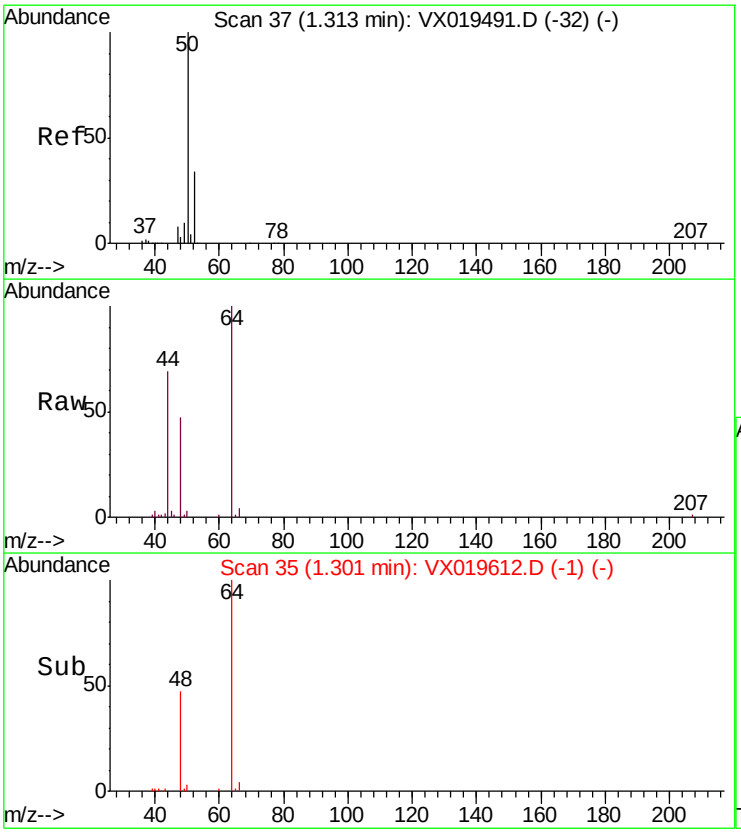
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion:168 Resp: 293150

Ion	Ratio	Lower	Upper
168	100		
99	55.6	45.8	68.6

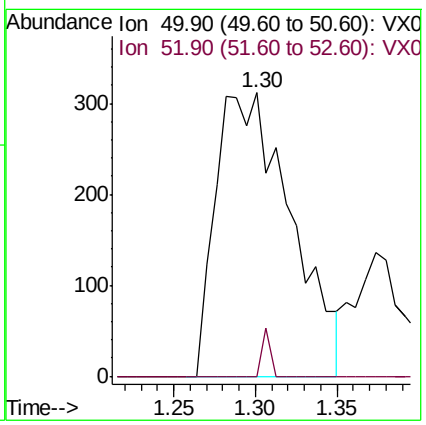


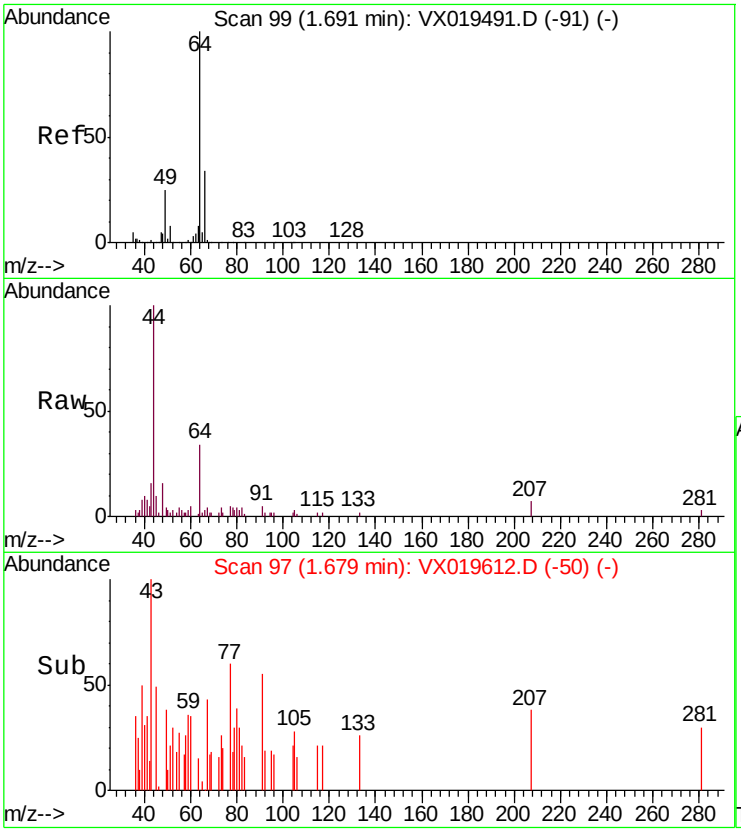


#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.30 min Scan# 35
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 50 Resp: 999

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



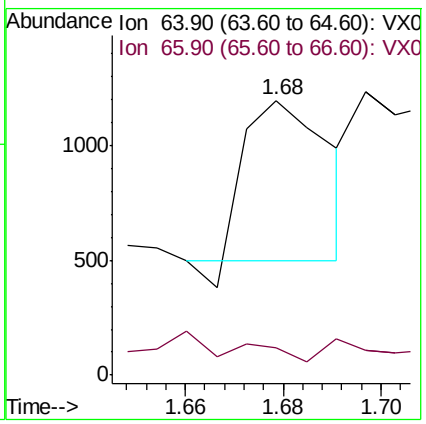


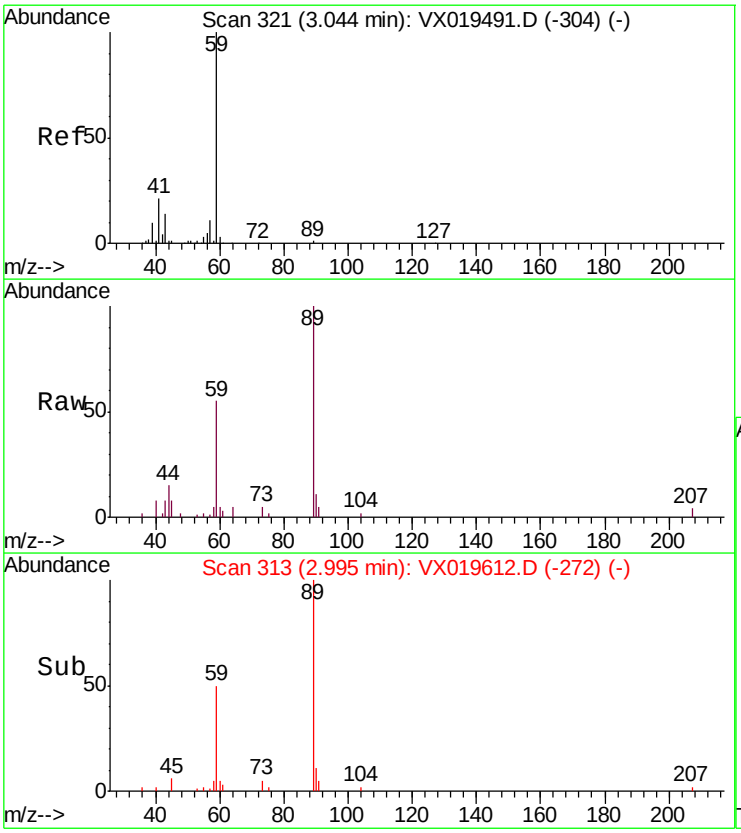
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 97
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 64 Resp: 819

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#

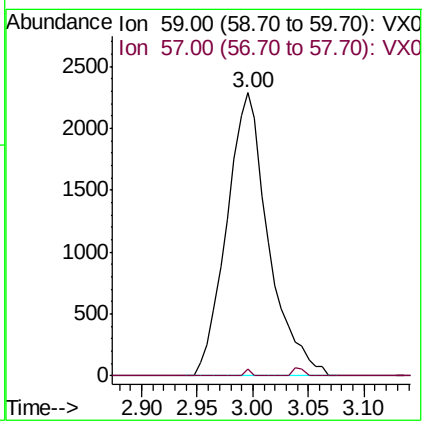


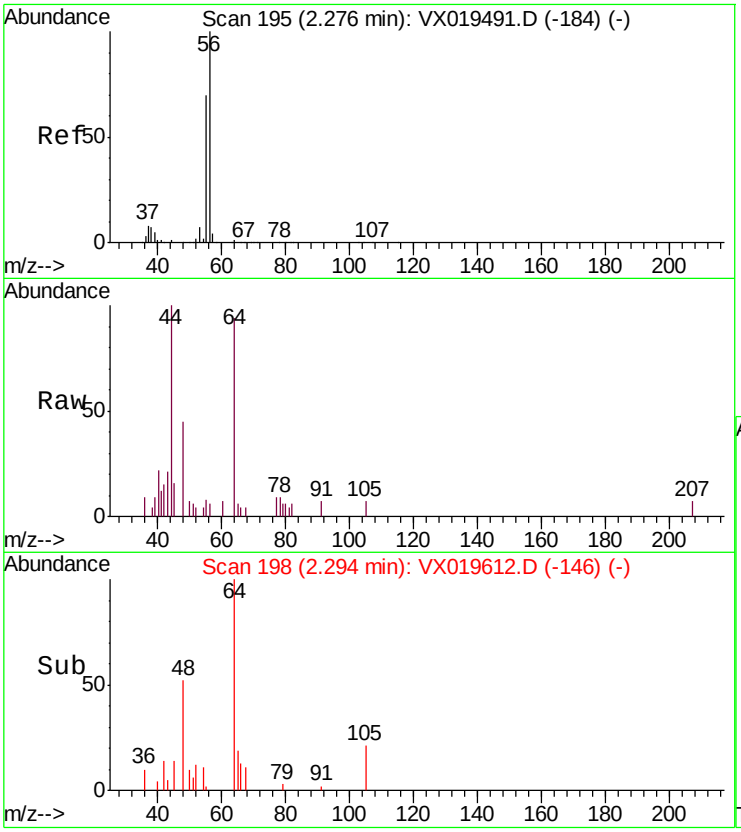


#11
Tert butyl alcohol
Concen: 8.272 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 59 Resp: 5950

Ion	Ratio	Lower	Upper
59	100		
57	0.4	7.9	11.9#



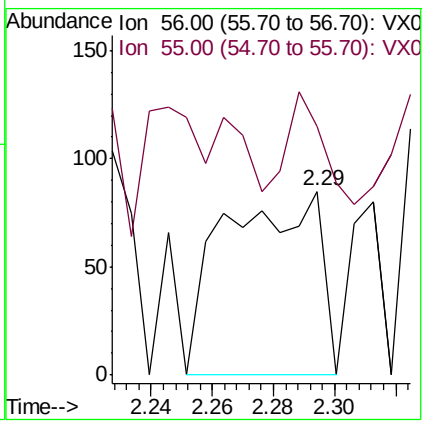


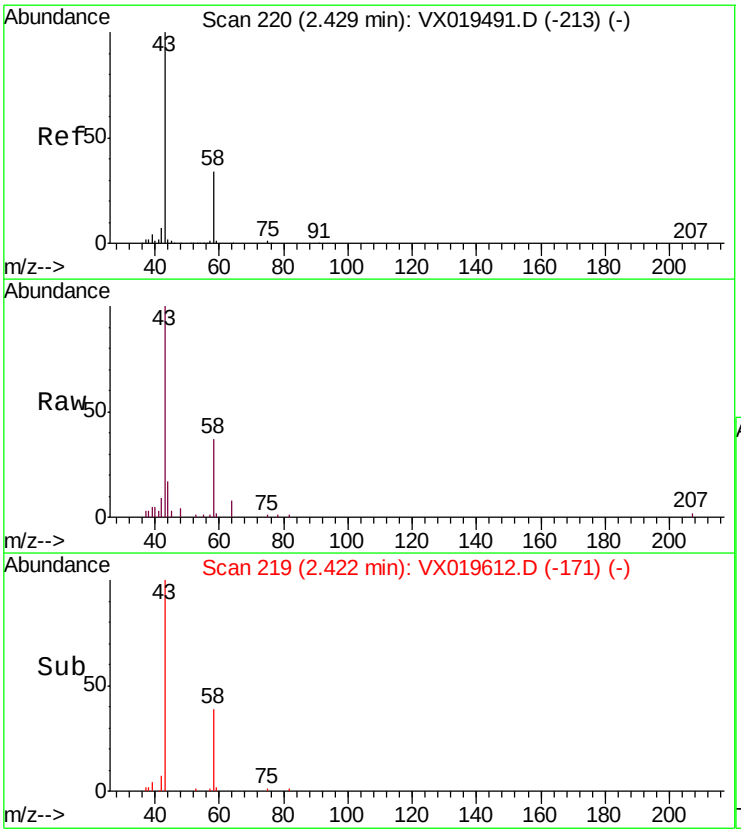
#13
Acrolein
Concen: 0.378 ug/l
RT: 2.29 min Scan# 198
Delta R.T. 0.02 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 56 Resp: 183

Ion	Ratio	Lower	Upper
56	100		
55	22.4	55.5	83.3#

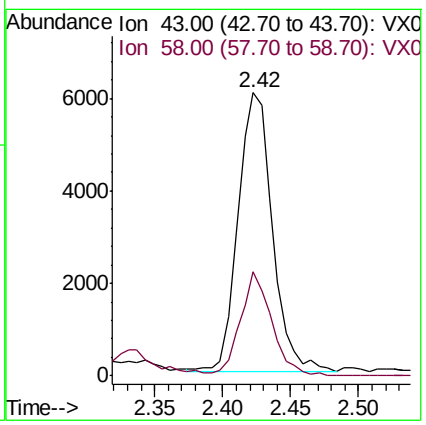


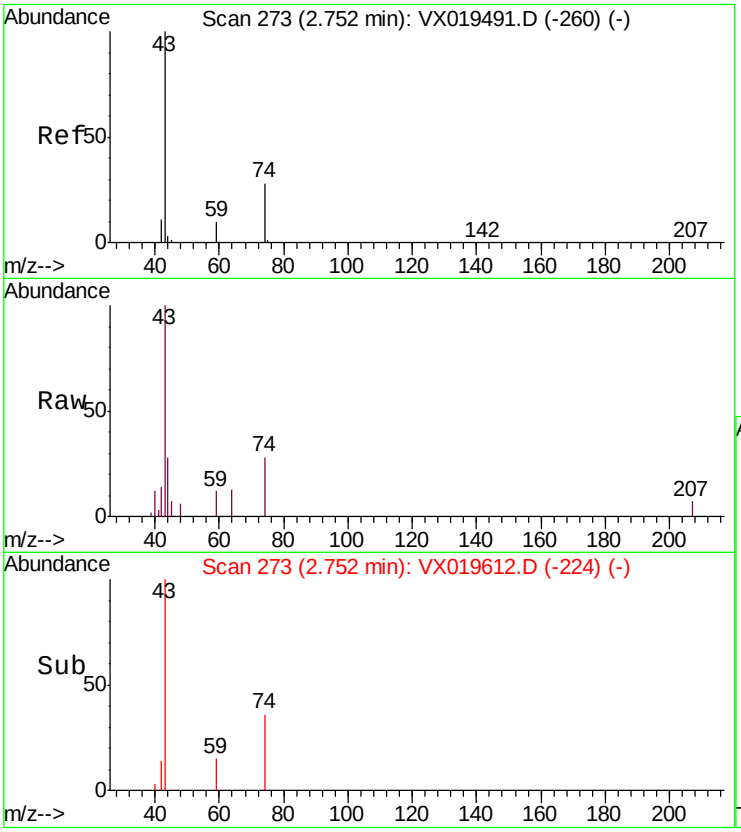


#16
Acetone
Concen: 7.216 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 43 Resp: 10607

Ion	Ratio	Lower	Upper
43	100		
58	37.5	27.4	41.2



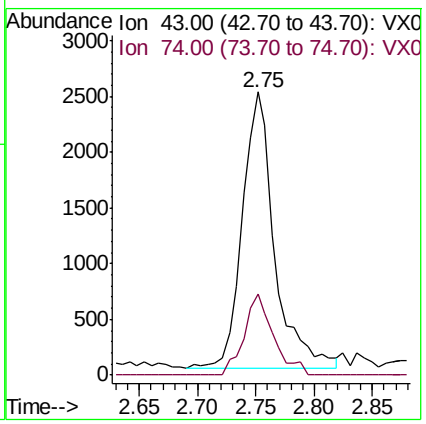


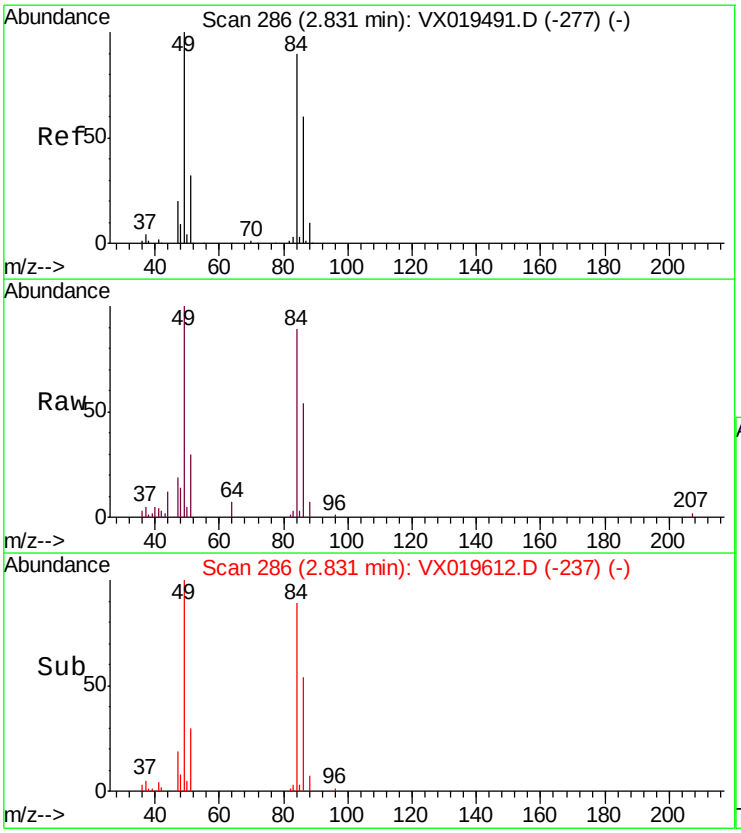
#18
Methyl Acetate
Concen: 1.931 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 43 Resp: 4734

Ion	Ratio	Lower	Upper
43	100		
74	26.8	22.2	33.4

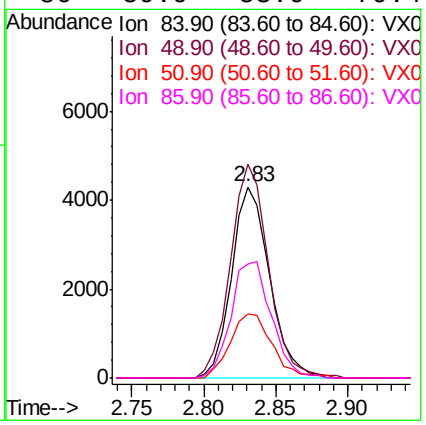


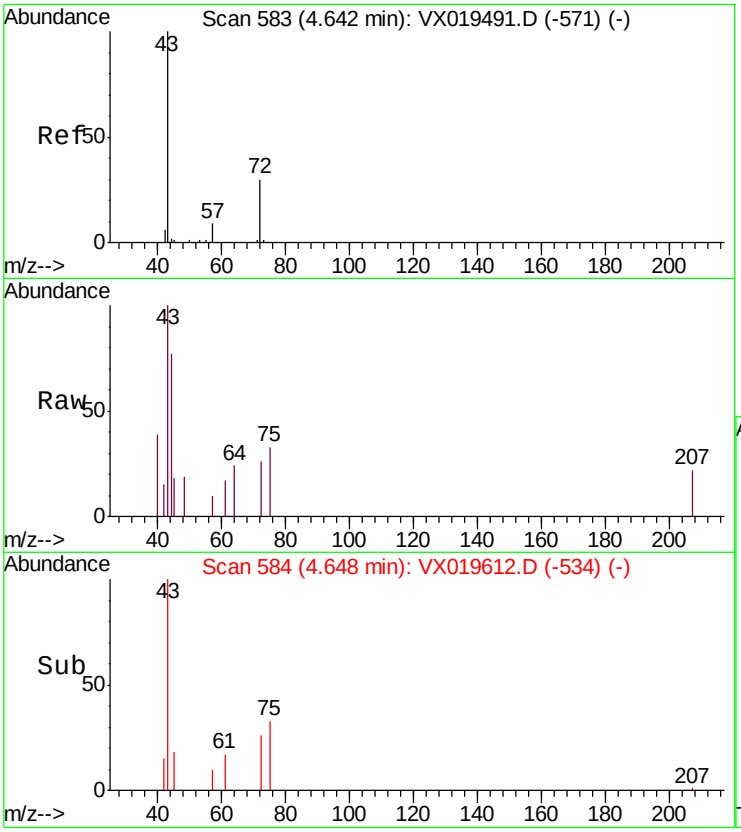


#20
Methylene Chloride
Concen: 2.158 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 84 Resp: 7928

Ion	Ratio	Lower	Upper
84	100		
49	111.7	88.5	132.7
51	33.8	28.0	42.0
86	59.9	53.0	79.4



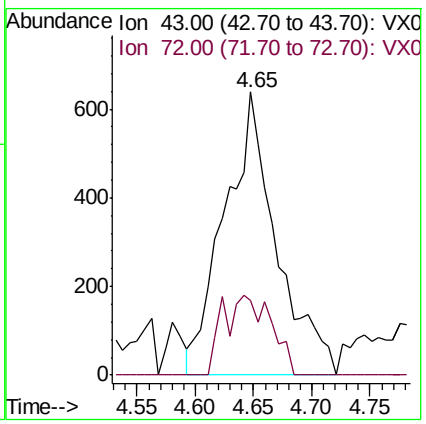


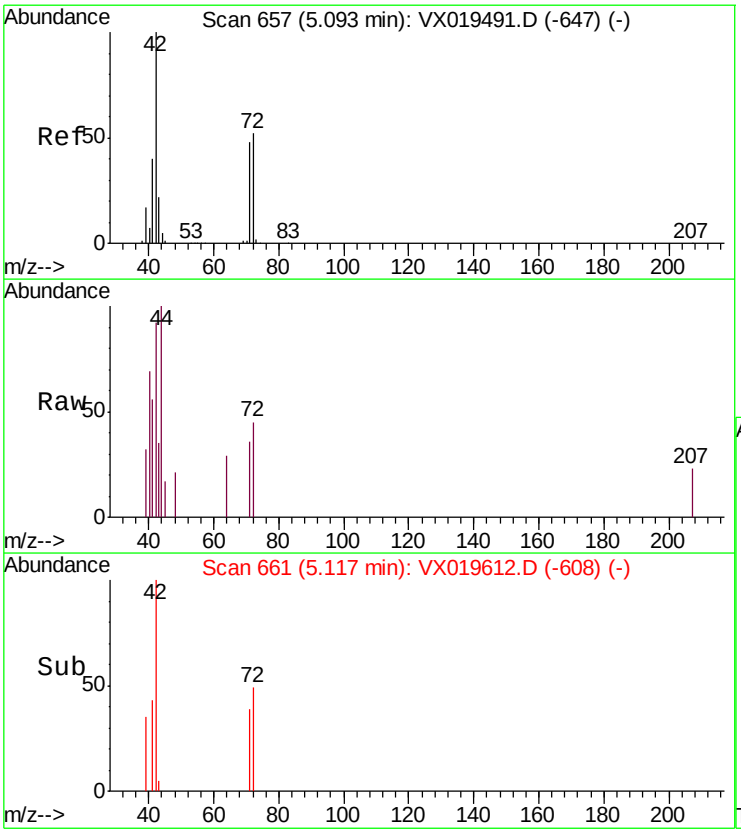
#25
2-Butanone
Concen: 0.892 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 43 Resp: 1969

Ion	Ratio	Lower	Upper
43	100		
72	26.3	24.0	36.0

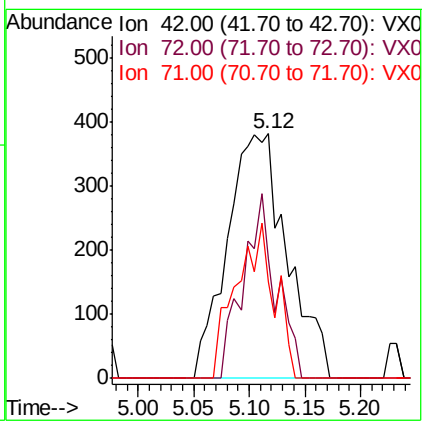


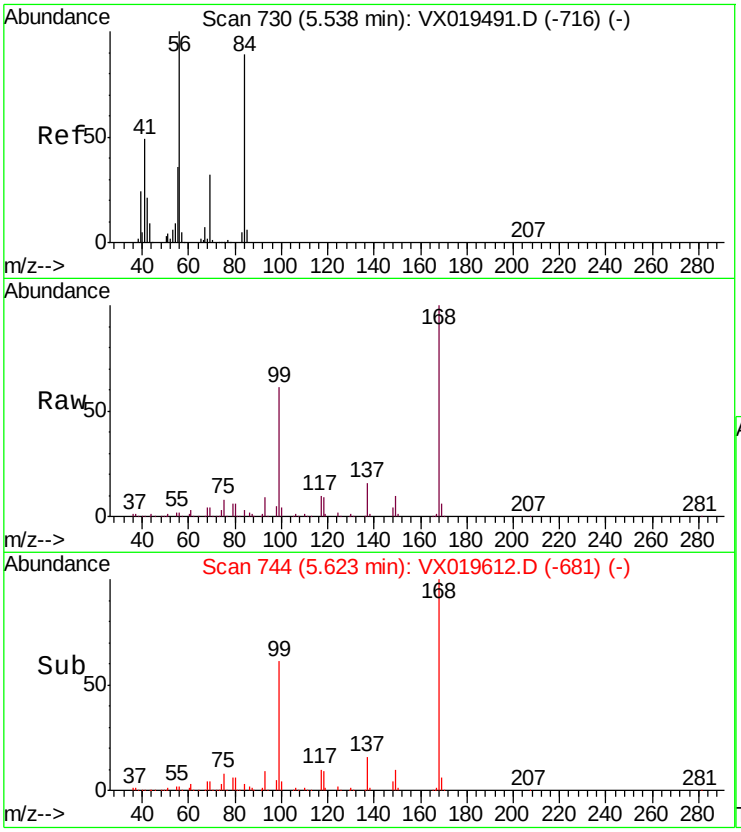


#29
Tetrahydrofuran
Concen: 1.013 ug/l
RT: 5.12 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 42 Resp: 1427

Ion	Ratio	Lower	Upper
42	100		
72	41.3	42.6	63.8#
71	40.4	39.0	58.6



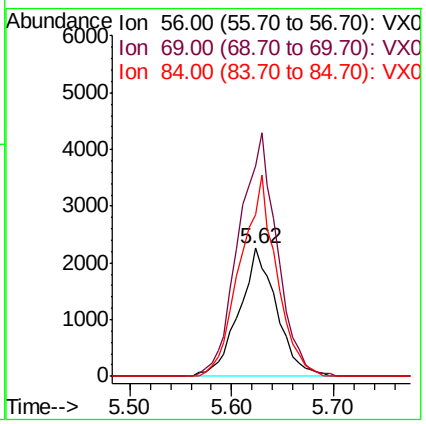


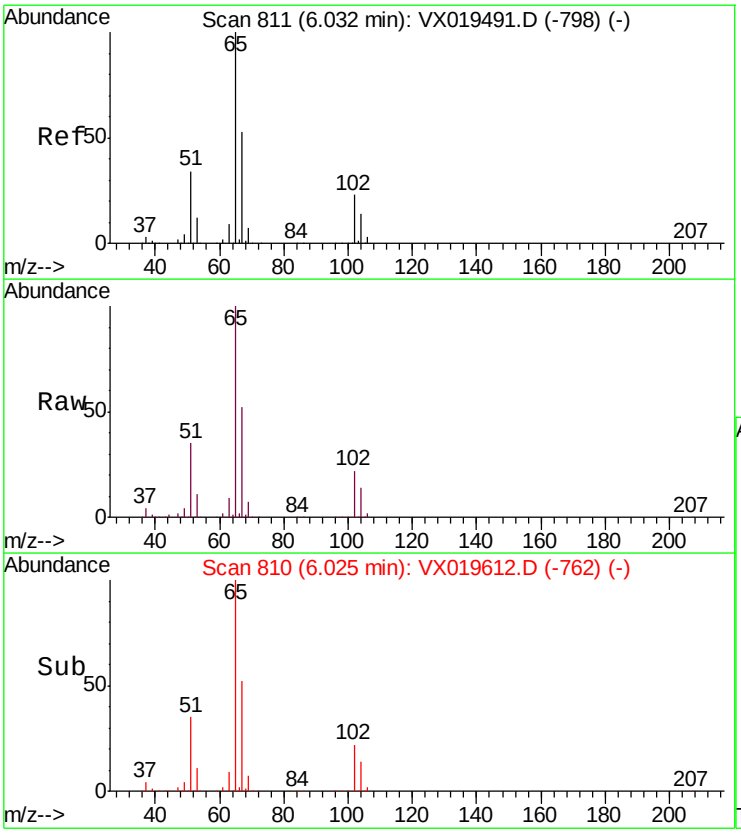
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 56 Resp: 5766

Ion	Ratio	Lower	Upper
56	100		
69	164.6	25.5	38.3#
84	126.4	71.1	106.7#

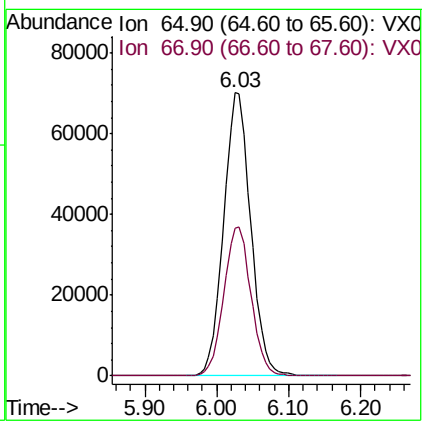


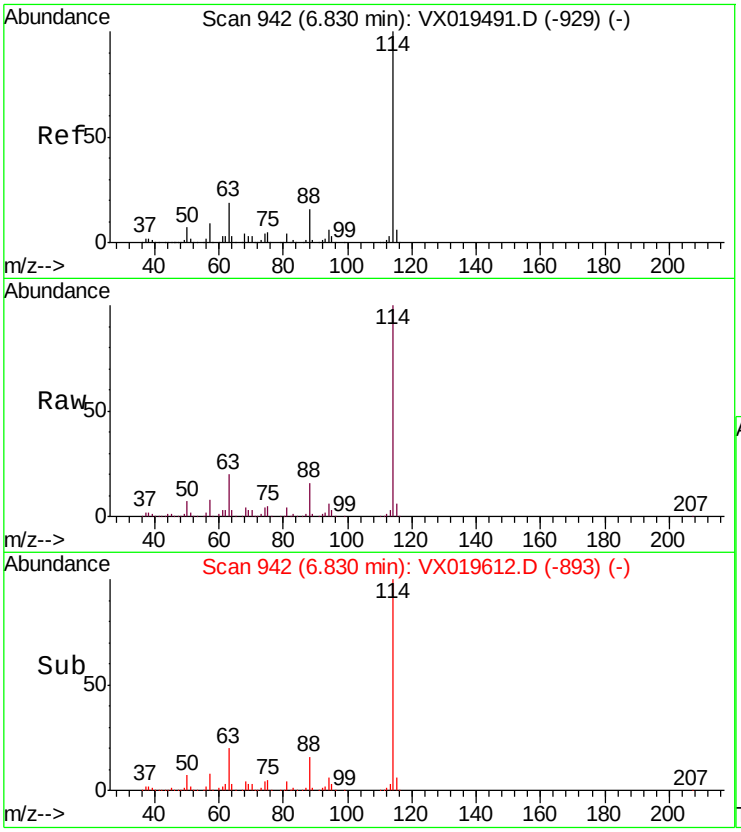


#33
1,2-Dichloroethane-d4
Concen: 48.323 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 65 Resp: 183671

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



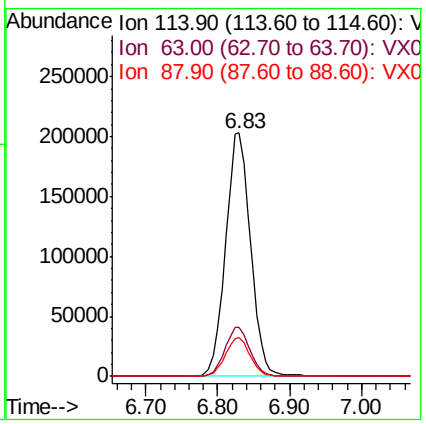


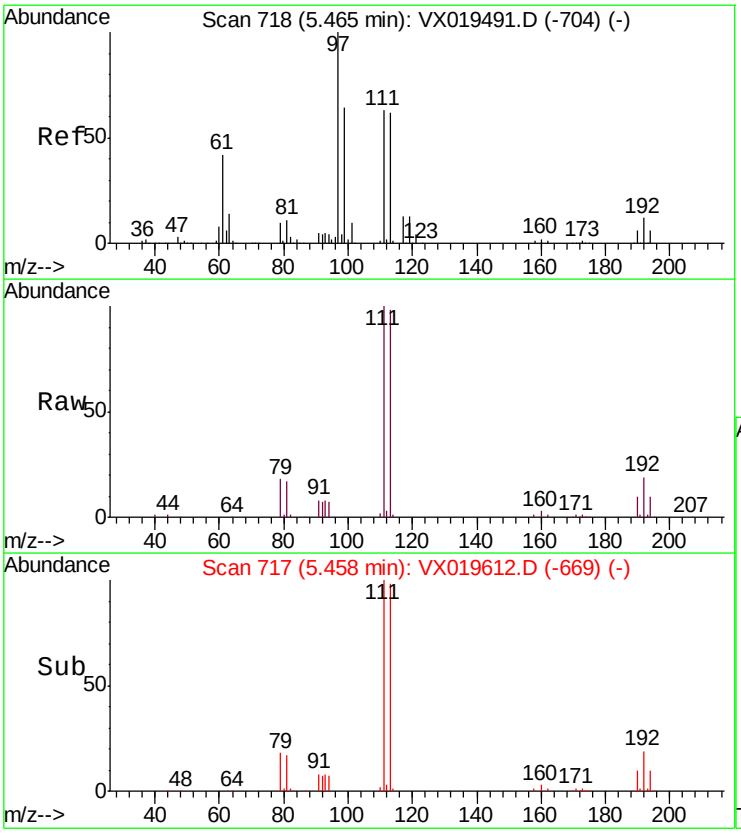
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion:114 Resp: 488358

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.8
88	15.9	0.0	31.6

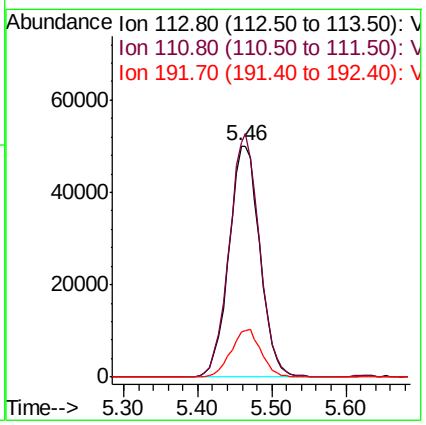


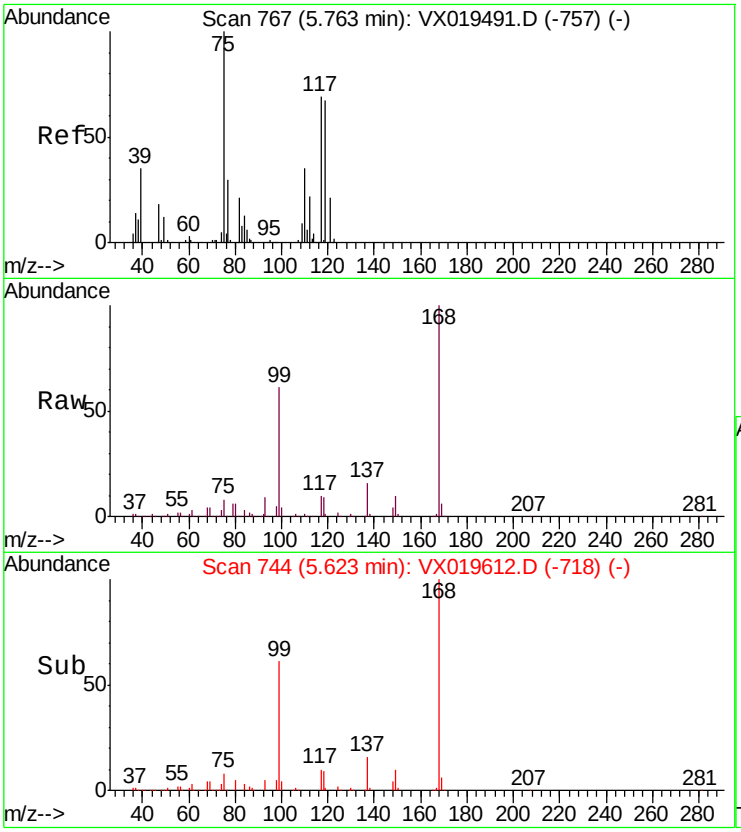


#35
Dibromofluoromethane
Concen: 47.562 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion:113 Resp: 145799

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	19.9	16.2	24.2



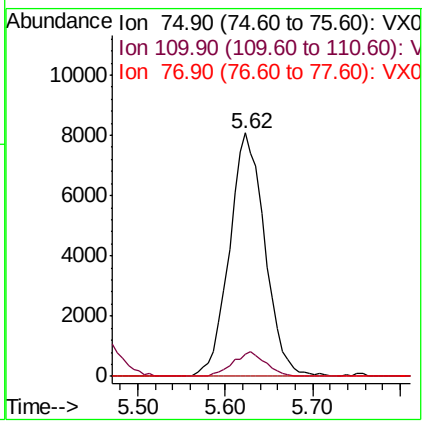


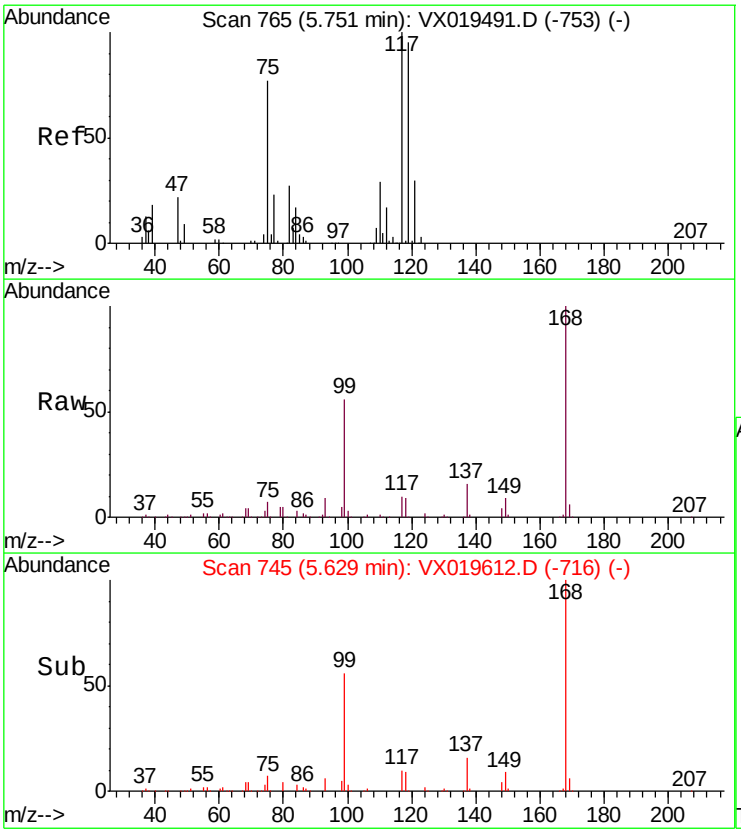
#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 75 Resp: 22727

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.2	36.4#

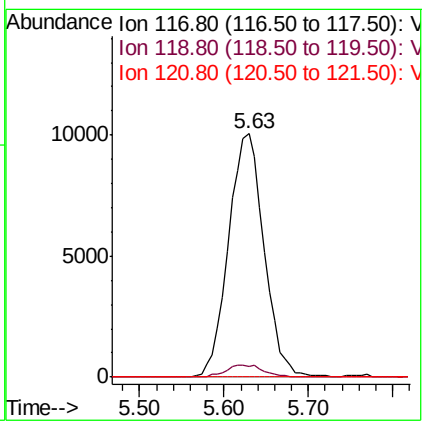


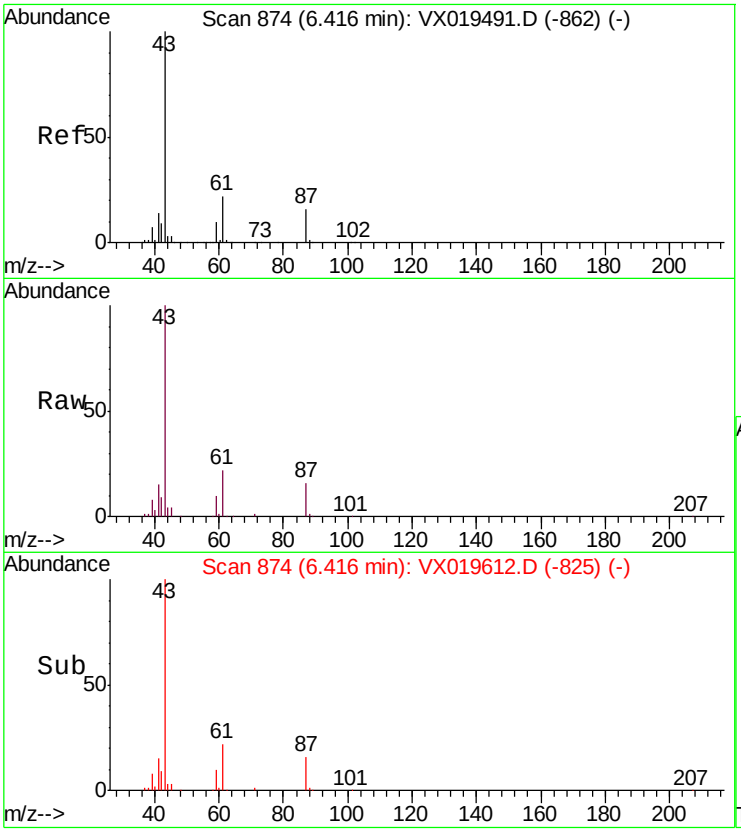


#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion:117 Resp: 28603

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.9	113.9#
121	0.0	24.0	36.0#



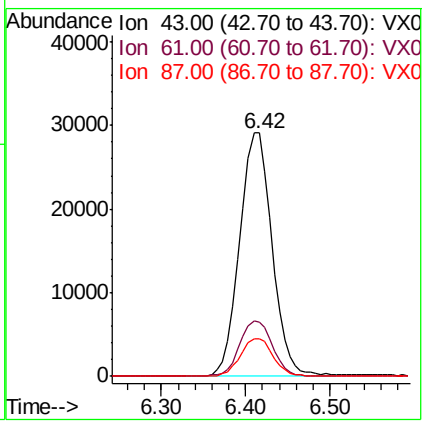


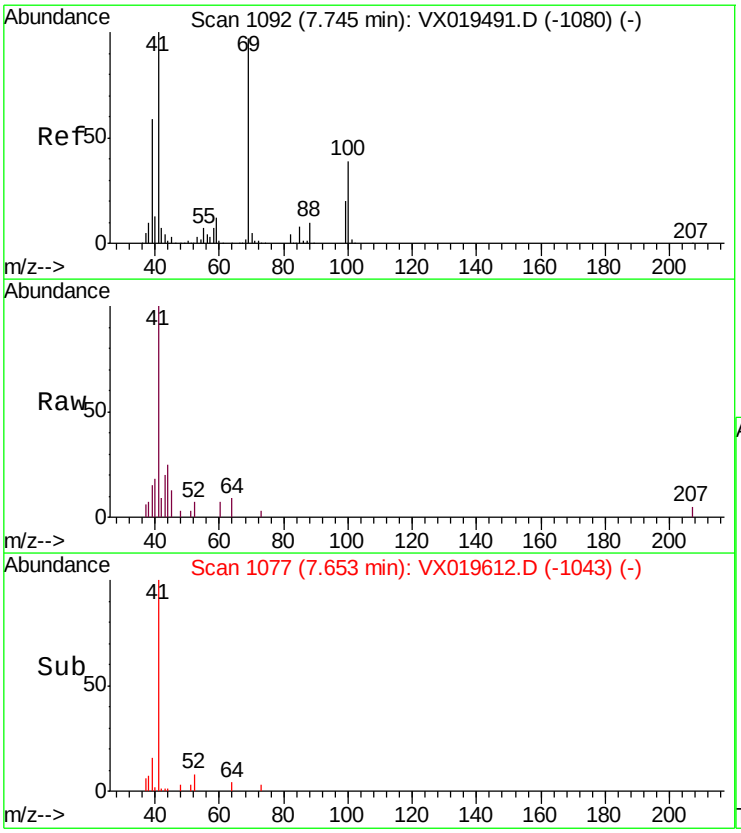
#43
Isopropyl Acetate
Concen: 10.569 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 43 Resp: 76363

Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.5	12.6	18.8

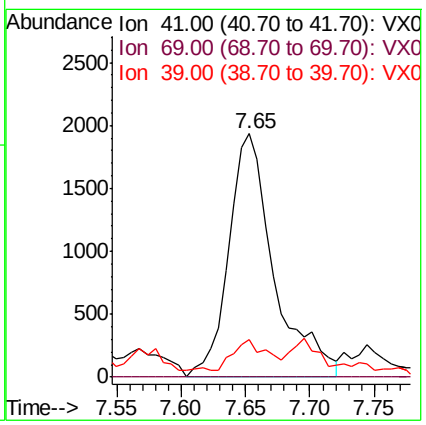


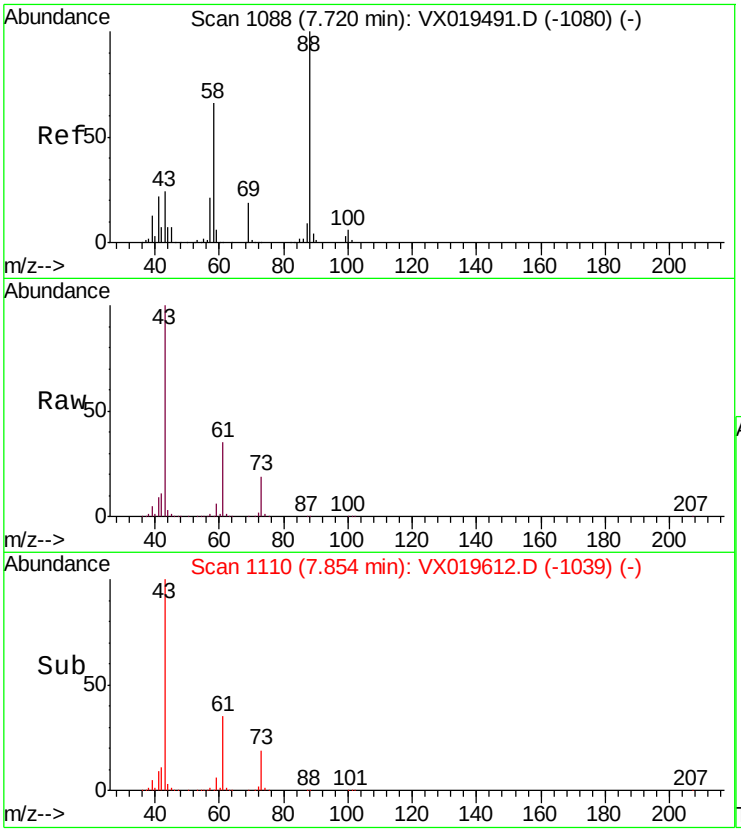


#48
Methyl methacrylate
Concen: 1.400 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 41 Resp: 4738

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.0	115.6#
39	0.0	45.6	68.4#



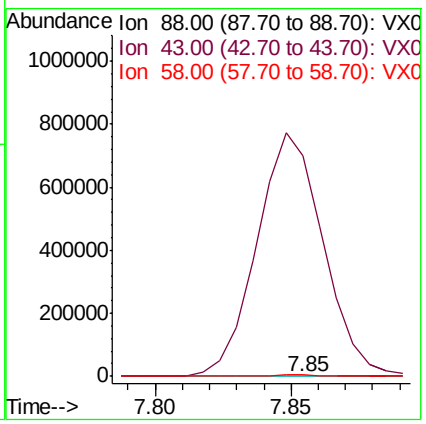


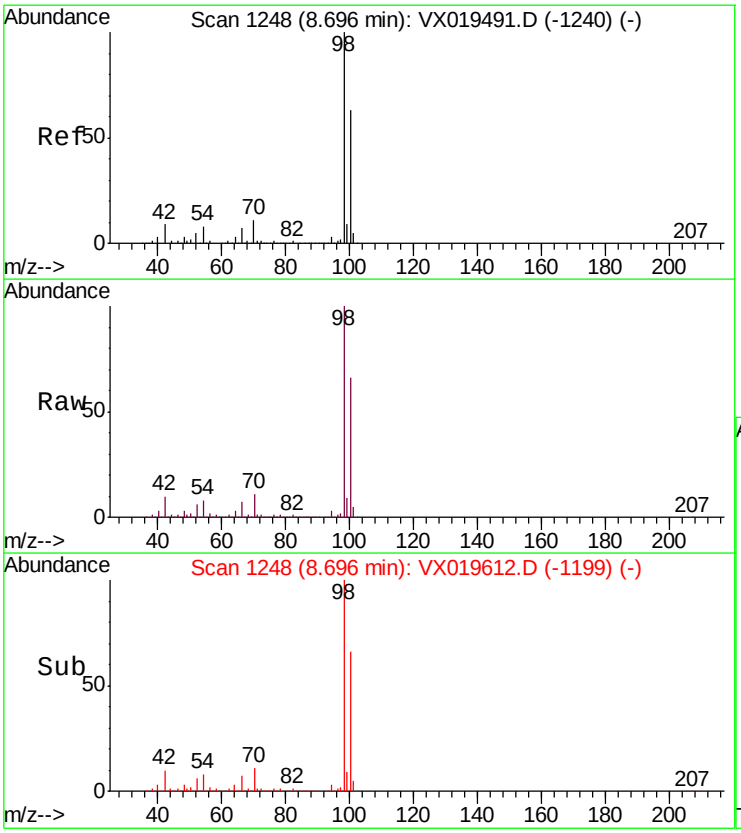
#49
1,4-Dioxane
Concen: 3.215 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.13 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	532409.3	23.8	35.6#
58	2794.7	54.2	81.2#

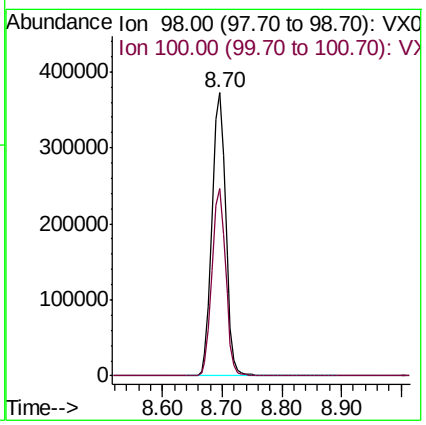


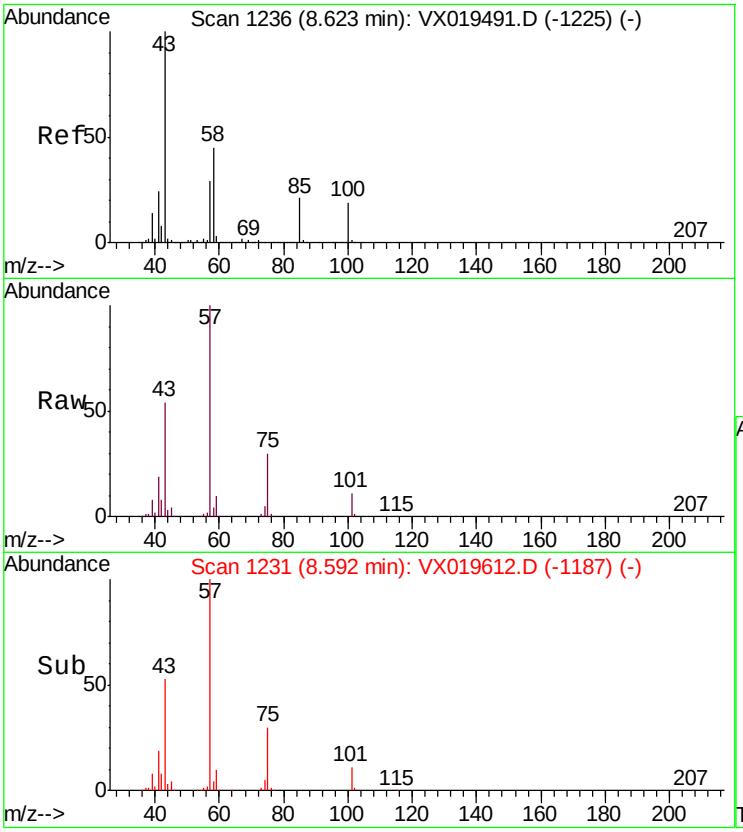


#50
Toluene-d8
Concen: 49.291 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 98 Resp: 587149

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6



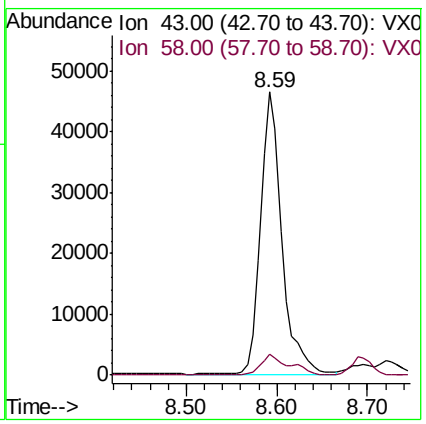


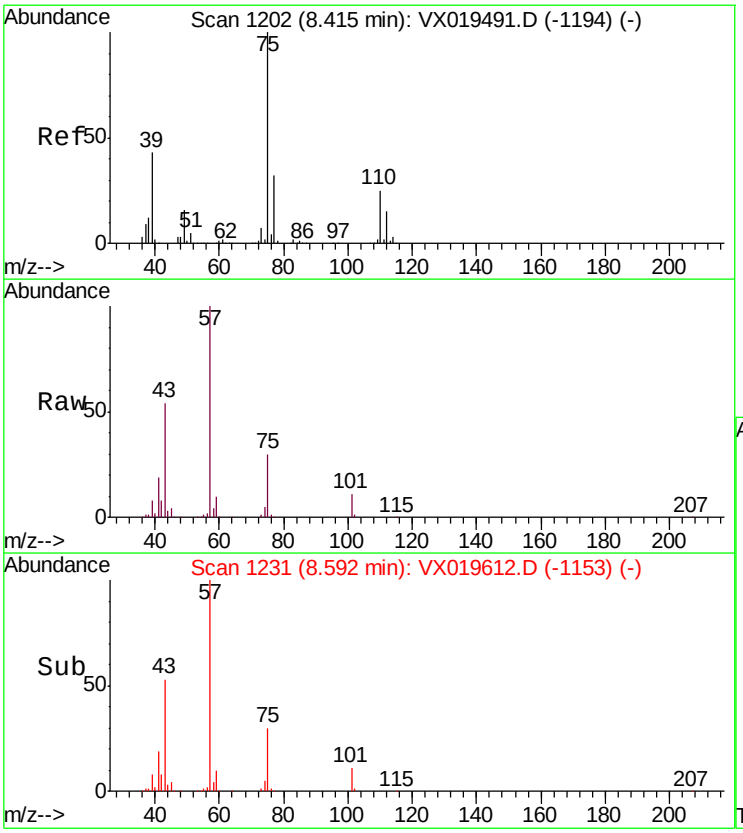
#51
4-Methyl-2-Pentanone
Concen: 17.982 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 43 Resp: 75763

Ion	Ratio	Lower	Upper
43	100		
58	9.9	35.1	52.7#

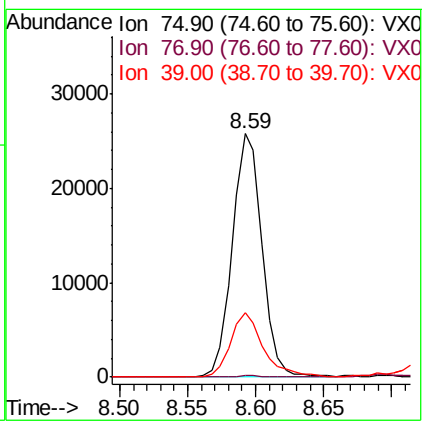


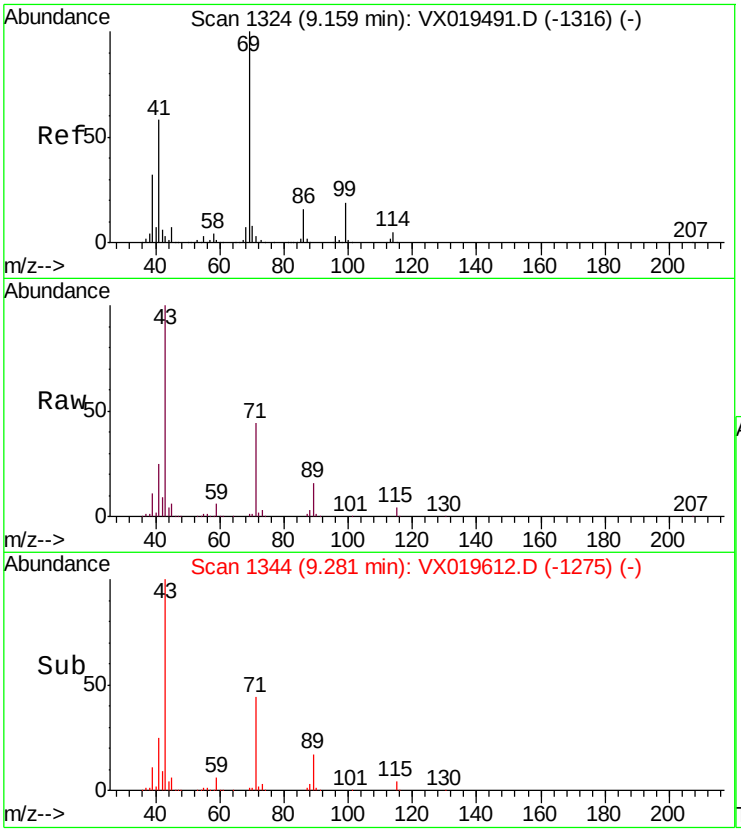


#54
cis-1,3-Dichloropropene
Concen: 7.081 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 75 Resp: 39030

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	26.3	34.6	51.8#



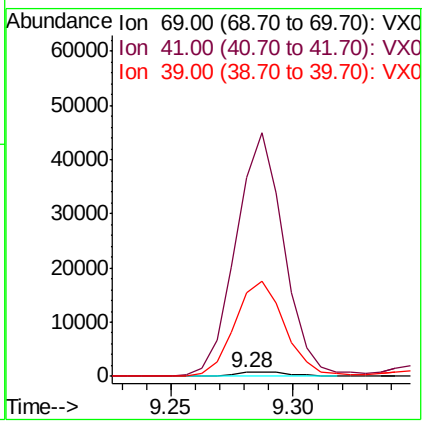


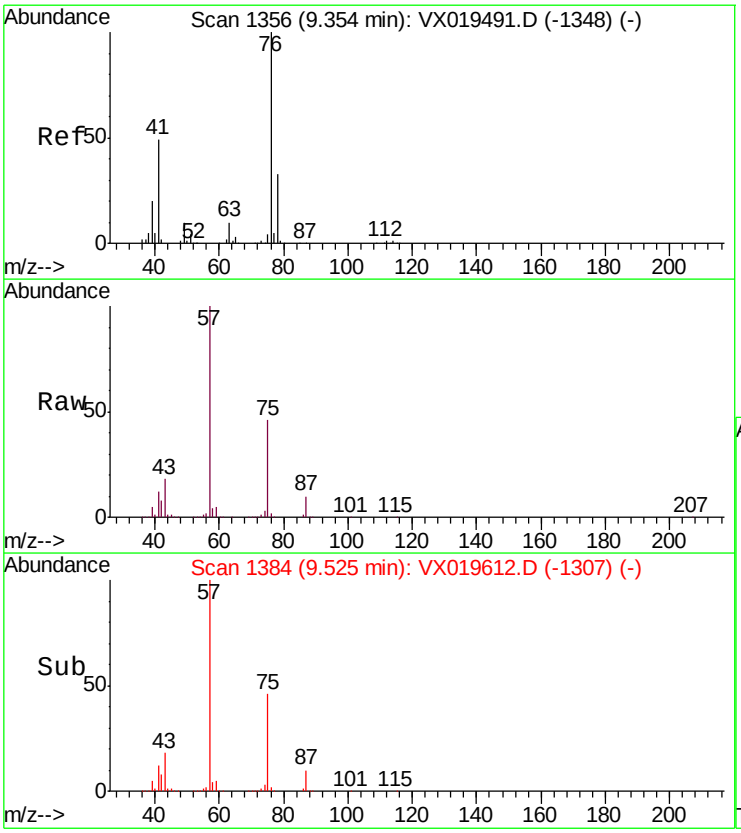
#56
Ethyl methacrylate
Concen: 0.253 ug/l
RT: 9.28 min Scan# 1344
Delta R.T. 0.12 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 69 Resp: 1254

Ion	Ratio	Lower	Upper
69	100		
41	4896.8	46.2	69.2#
39	2002.6	25.5	38.3#

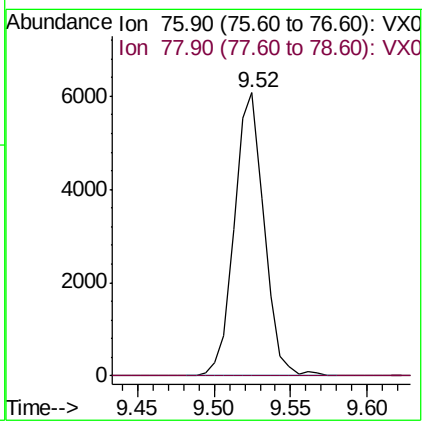


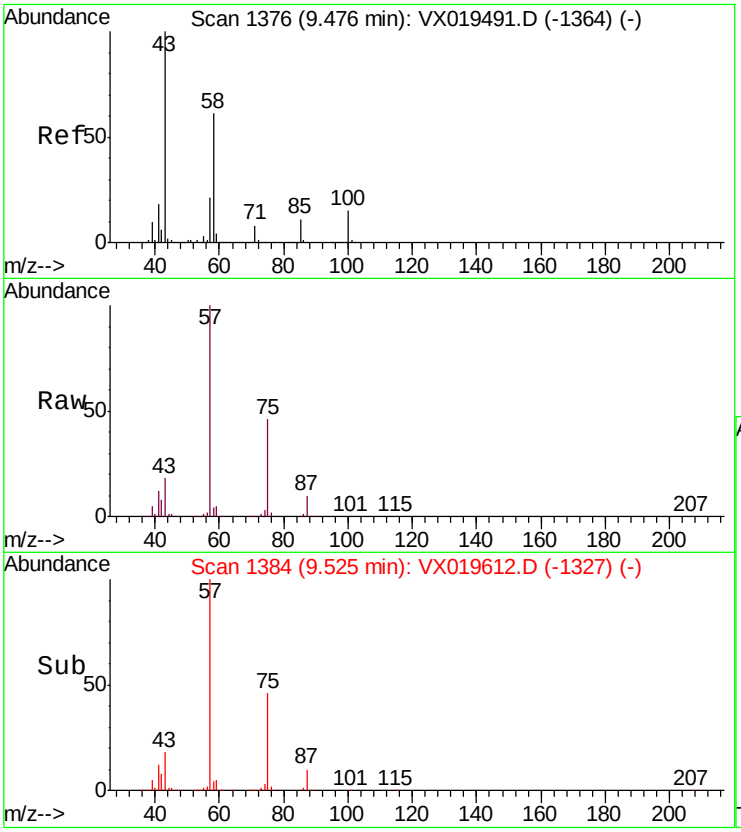


#57
1,3-Dichloropropane
Concen: 1.387 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 76 Resp: 8141

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



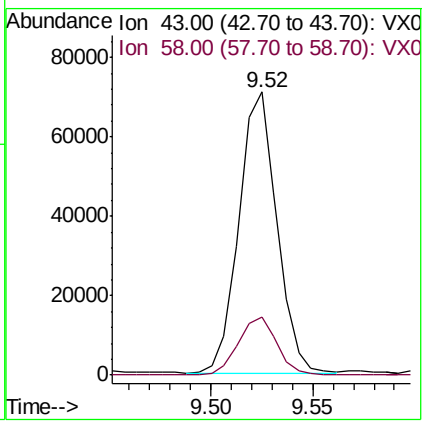


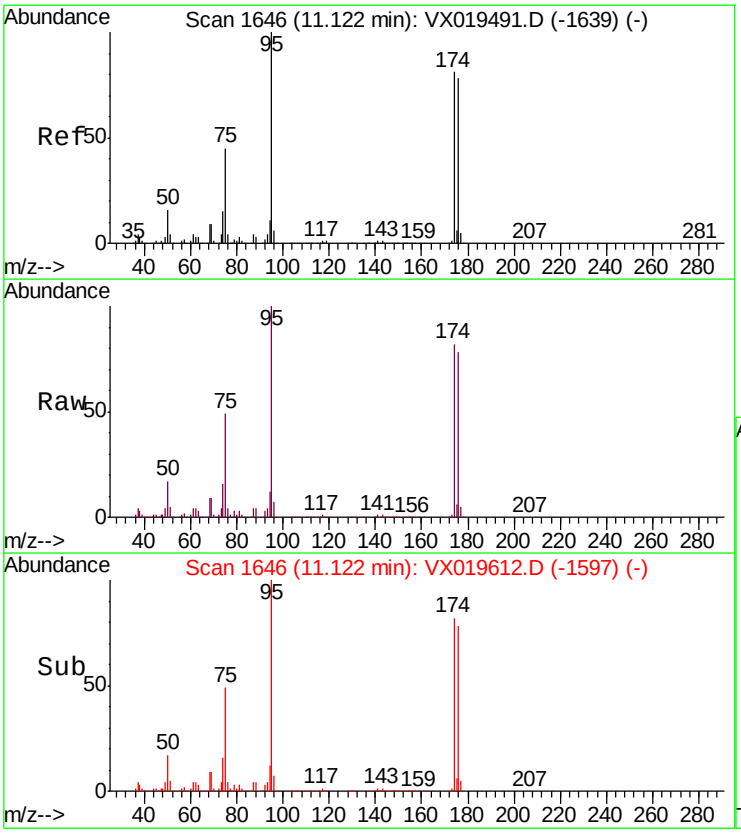
#59
2-Hexanone
Concen: 28.664 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 43 Resp: 91593

Ion	Ratio	Lower	Upper
43	100		
58	21.3	30.6	91.6#

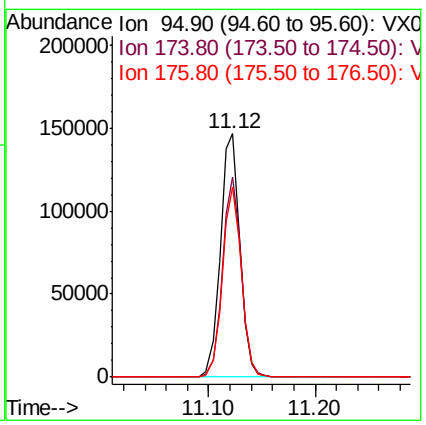


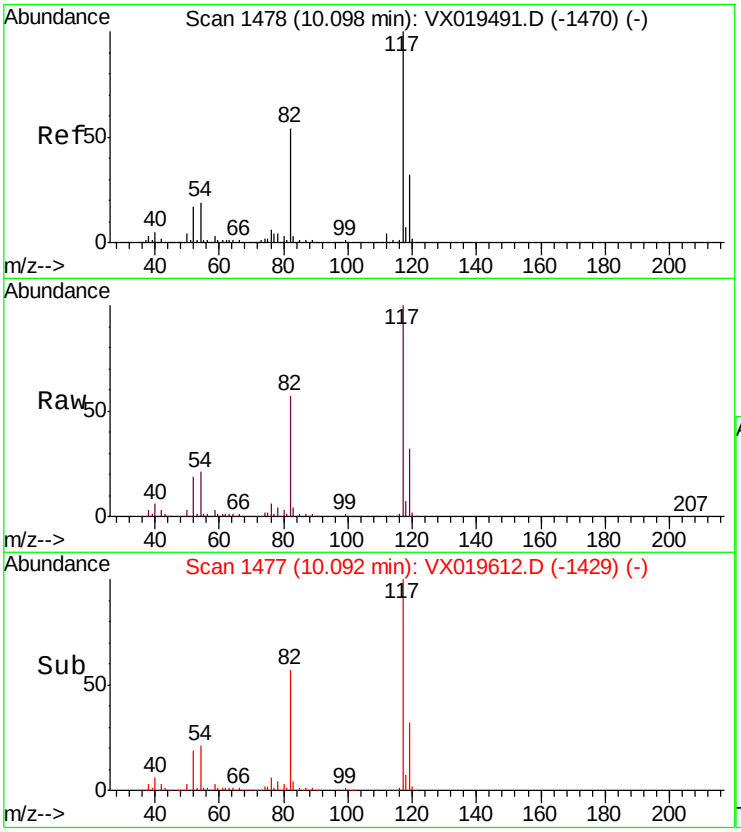


#62
4-Bromofluorobenzene
Concen: 43.819 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 95 Resp: 187798

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.2
176	75.8	0.0	151.4



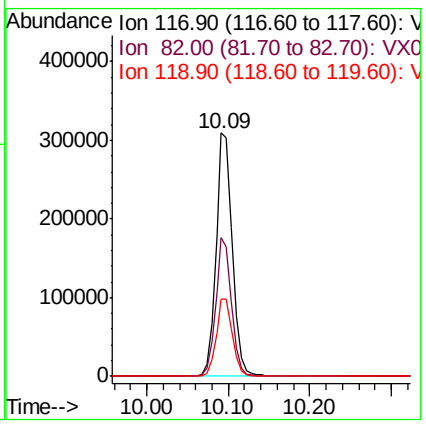


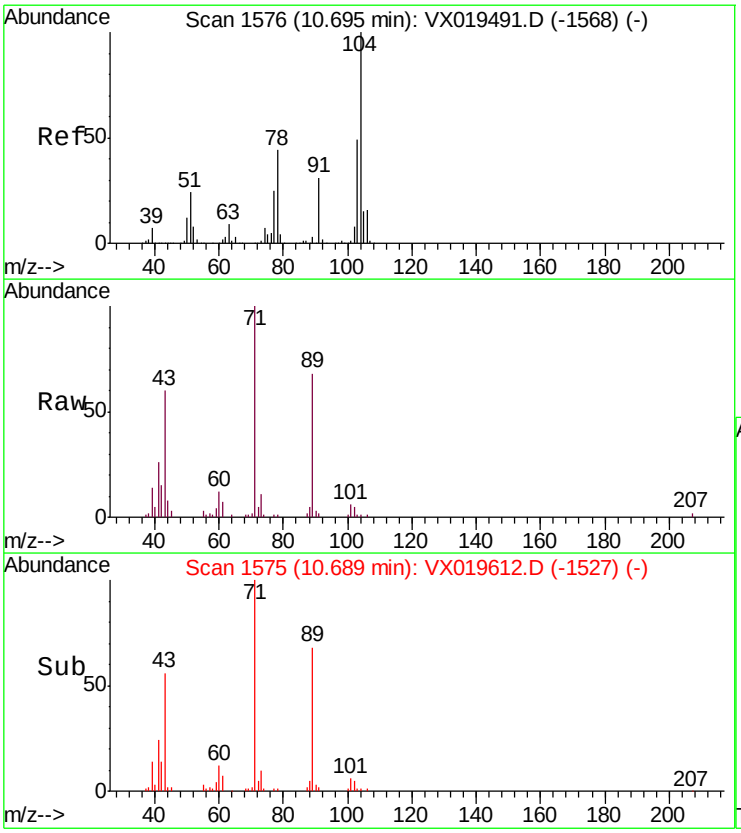
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion:117 Resp: 432876

Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	32.0	25.6	38.4

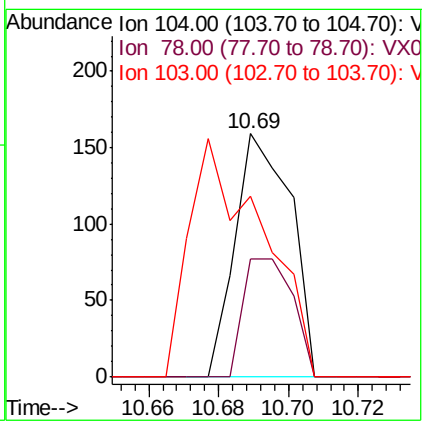


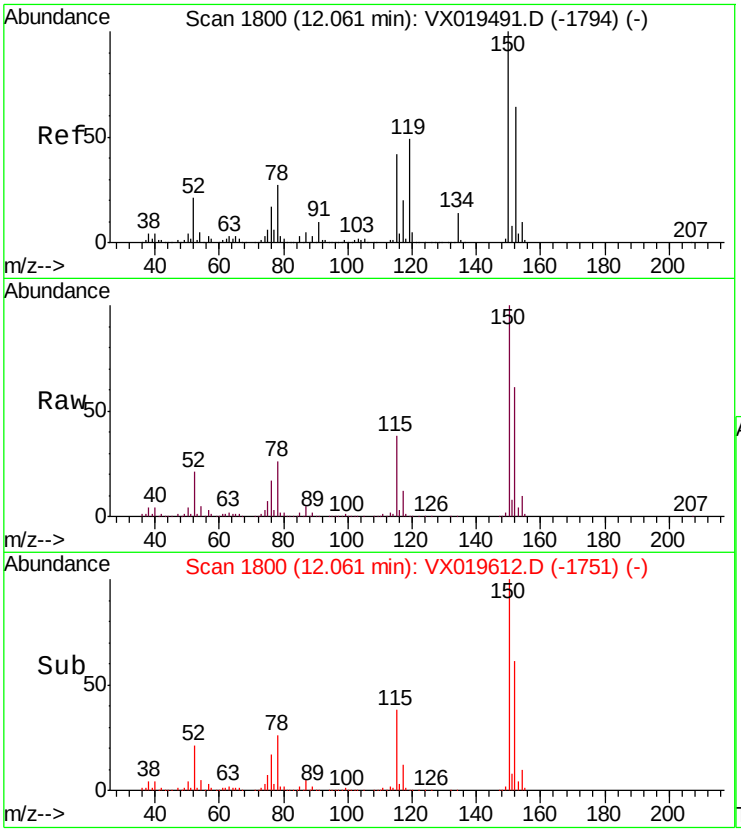


#70
Styrene
Concen: 1.662 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion:104 Resp: 175

Ion	Ratio	Lower	Upper
104	100		
78	43.4	39.5	59.3
103	128.6	43.6	65.4#



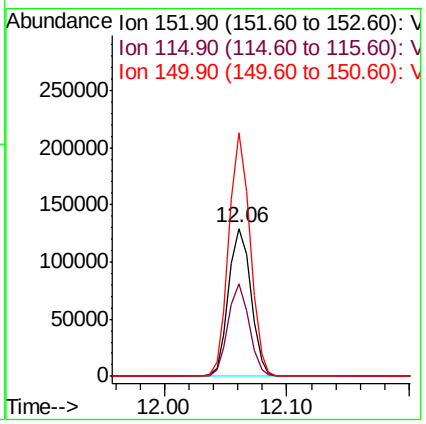


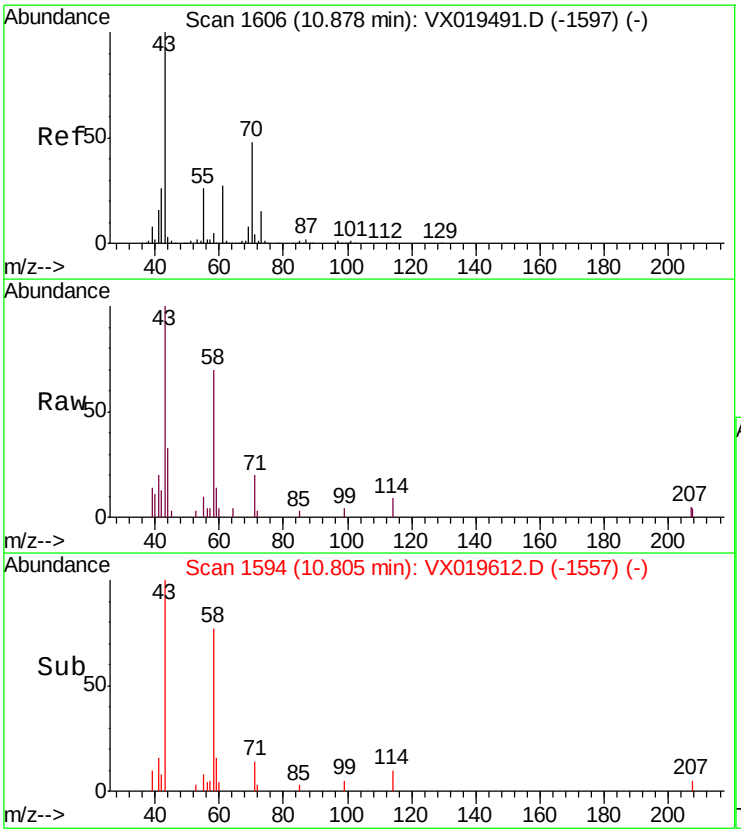
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion:152 Resp: 162960

Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.8	125.4
150	156.7	0.0	348.2

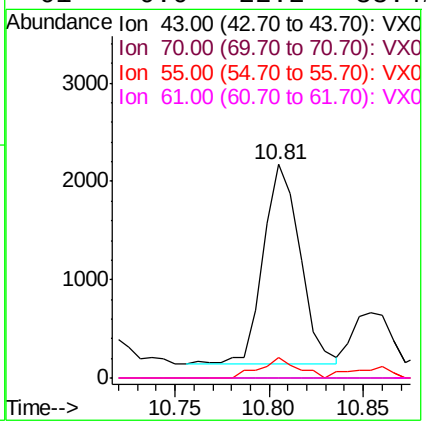


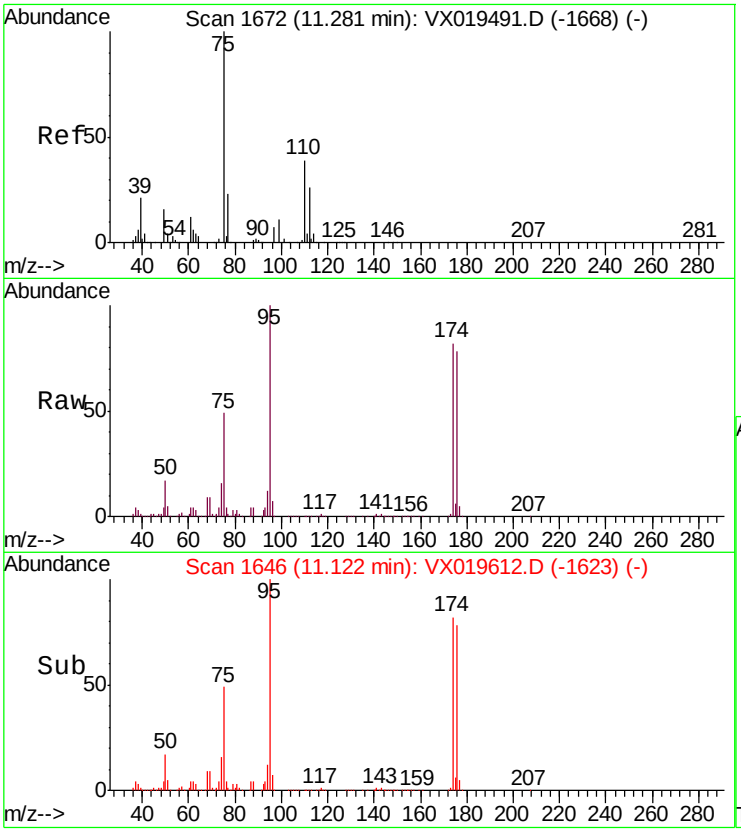


#74
N-amyl acetate
Concen: 0.656 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion: 43 Resp: 2771

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	10.1	21.8	32.6#
61	0.0	22.2	33.4#



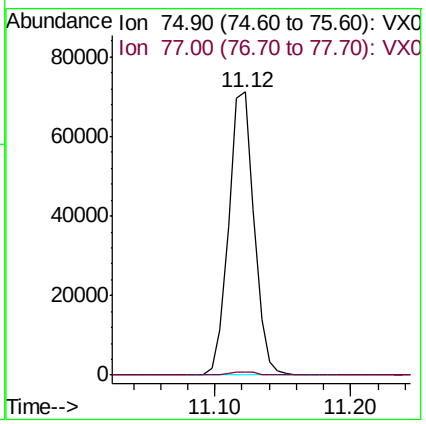


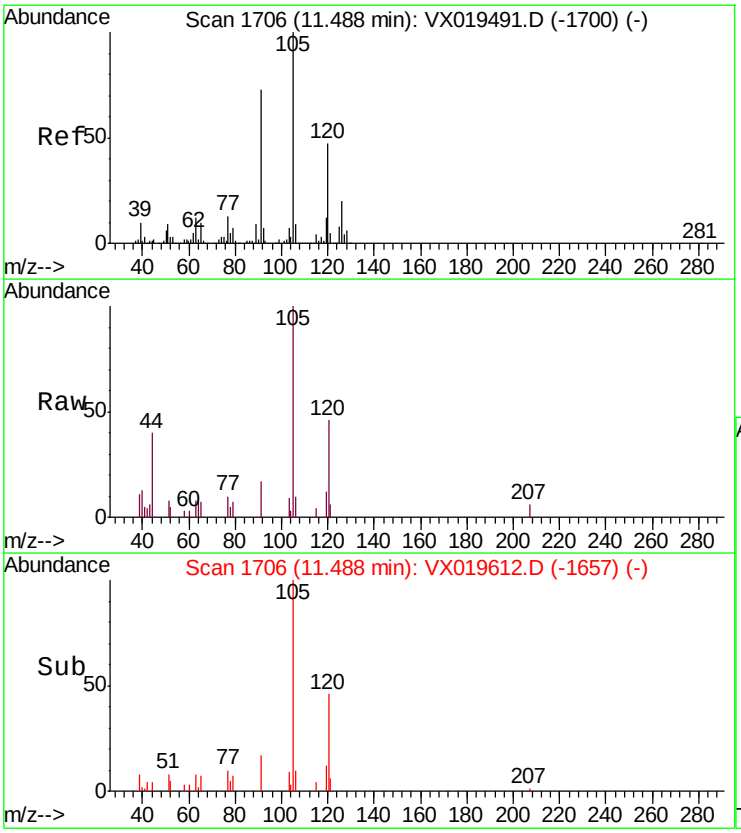
#76
1,2,3-Trichloropropane
Concen: 26.008 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 75 Resp: 92495

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#

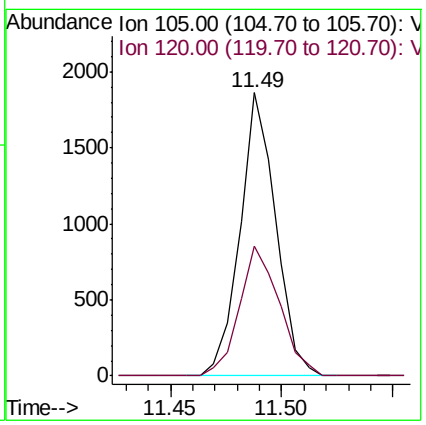


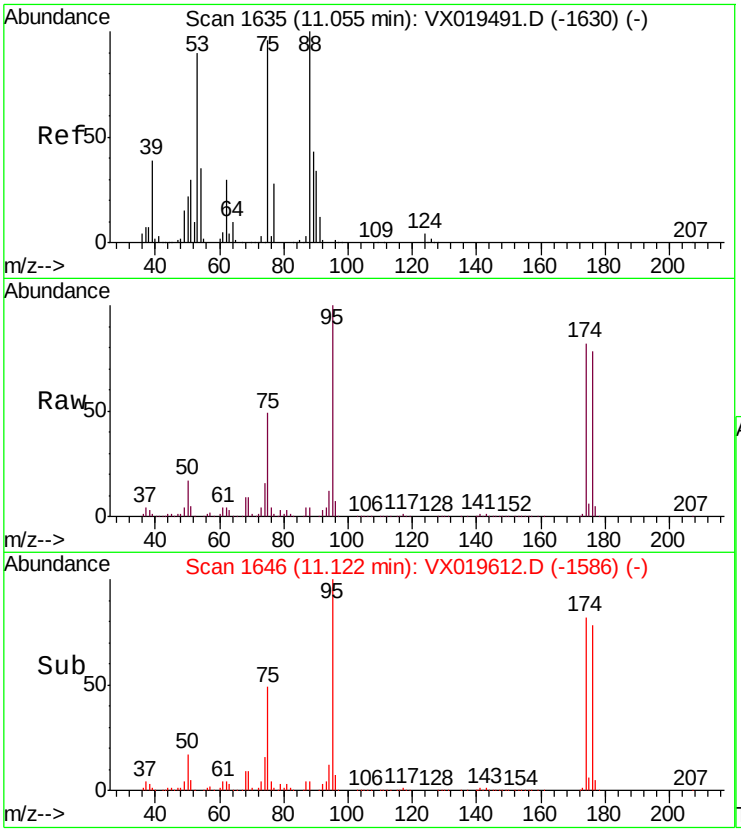


#80
1,3,5-Trimethylbenzene
Concen: 0.220 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion:105 Resp: 2077

Ion	Ratio	Lower	Upper
105	100		
120	51.4	24.1	72.3



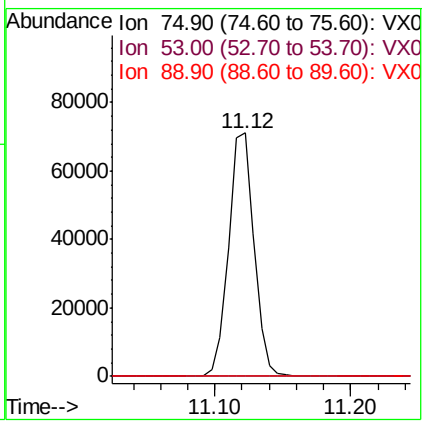


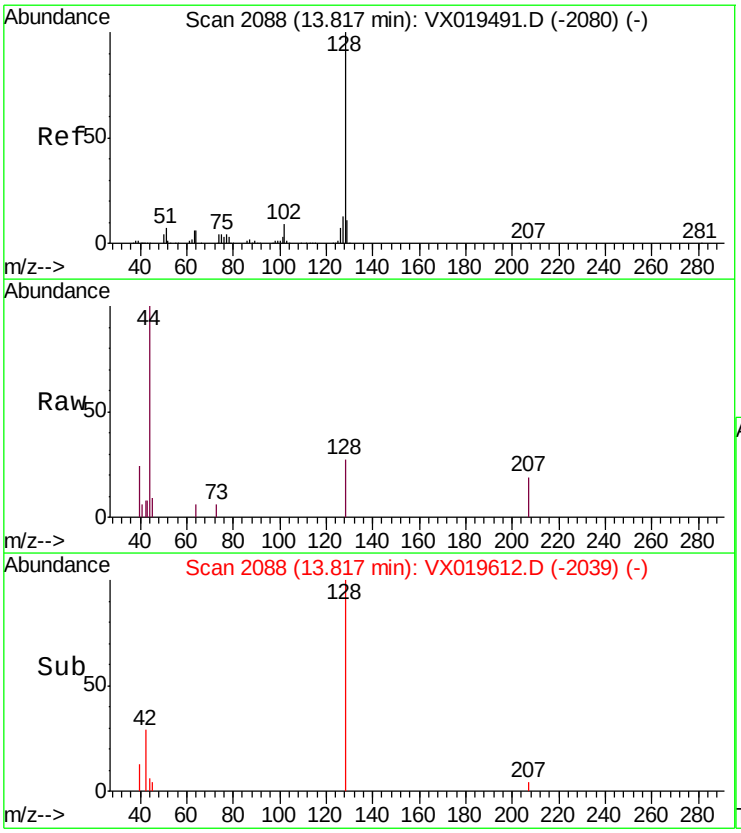
#81
trans-1,4-Dichloro-2-butene
Concen: 68.533 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#06

Tgt Ion: 75 Resp: 92495

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.3	55.9#





#95
Naphthalene
Concen: 2.197 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019612.D
Acq: 24 Nov 2020 17:51

Tgt Ion:128 Resp: 242

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#