Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019943.D
Acq On : 12 Dec 2020 19:31
Operator : JC/MD
Sample : PB133524ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#07

Quant Time: Dec 14 08:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	300402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	501923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195679	49.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.12%			
35) Dibromofluoromethane	5.46	113	157706	48.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.24%			
50) Toluene-d8	8.70	98	630453	50.91	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.82%			
62) 4-Bromofluorobenzene	11.12	95	214699	45.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.10%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	470	0.415	ug/l #	57
11) Tert butyl alcohol	3.00	59	3103	1.223	ug/l #	73
13) Acrolein	2.27	56	145	0.333	ug/l #	6
16) Acetone	2.42	43	11753	7.920	ug/l	96
18) Methyl Acetate	2.75	43	2557	0.704	ug/l	99
20) Methylene Chloride	2.83	84	8722	1.186	ug/l	96
25) 2-Butanone	4.64	43	3476	1.524	ug/l	97
29) Tetrahydrofuran	5.10	42	1926	1.311	ug/l #	83
31) Cyclohexane	5.63	56	5699	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22730	5.012	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29431	6.626	ug/l #	17
41) Methacrylonitrile	5.09	41	1130	0.449	ug/l #	44
43) Isopropyl Acetate	6.42	43	27712	3.722	ug/l	99
48) Methyl methacrylate	7.65	41	7082	1.934	ug/l #	10
49) 1,4-Dioxane	7.85	88	199	2.243	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	95503	21.010	ug/l #	46
54) cis-1,3-Dichloropropene	8.59	75	50137	8.963	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	31796	5.333	ug/l #	43
59) 2-Hexanone	9.52	43	378105	107.313	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	103677	23.654	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.49	105	6840	0.607	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	103677	68.379	ug/l #	12

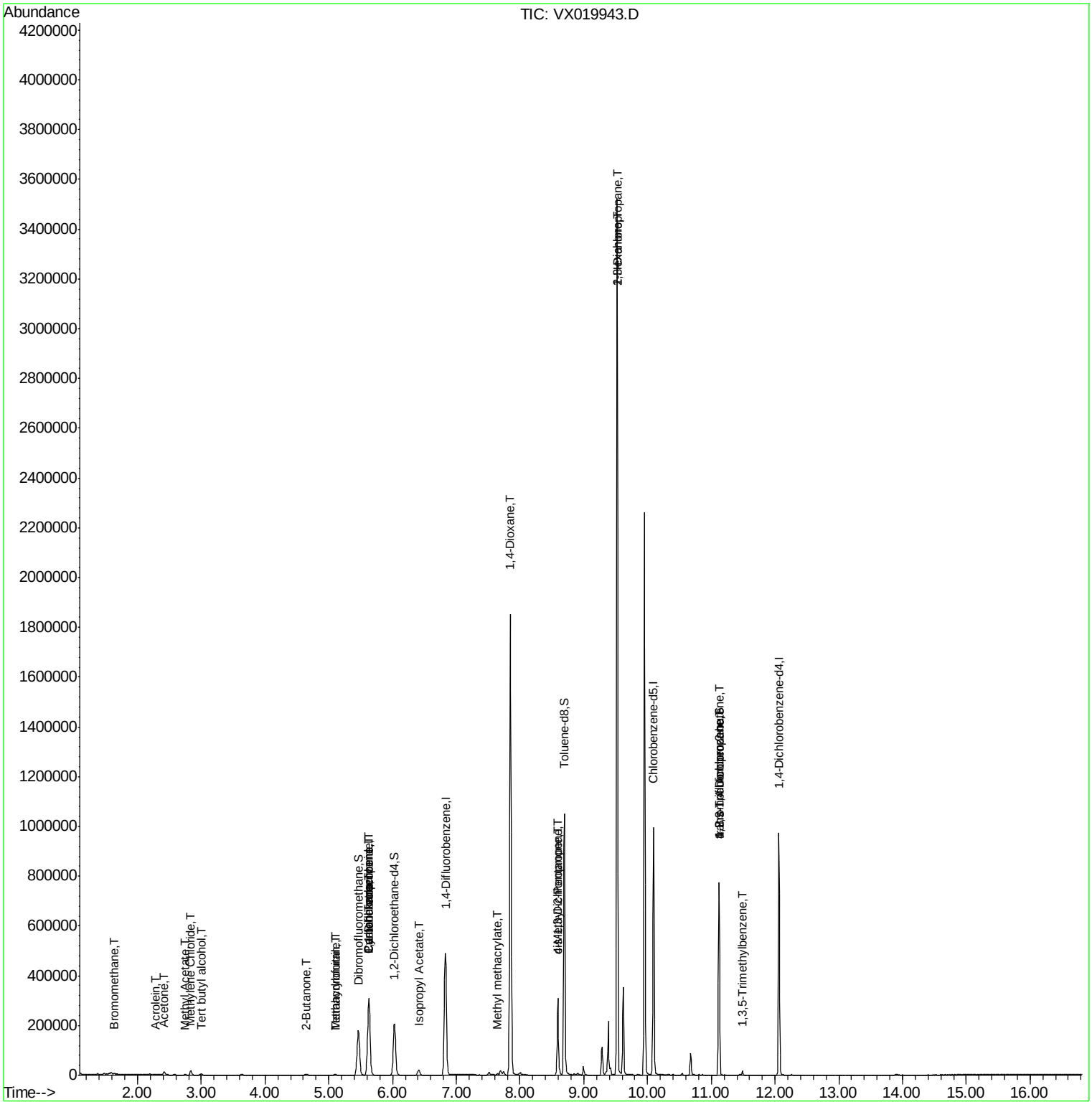
(#) = qualifier out of range (m) = manual integration (+) = signals summed

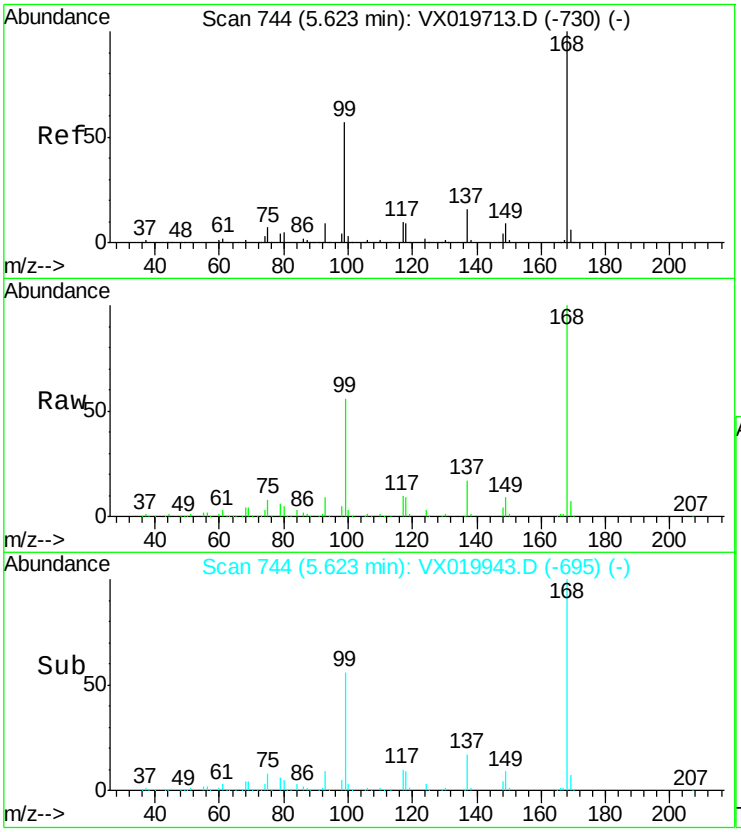
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019943.D
Acq On : 12 Dec 2020 19:31
Operator : JC/MD
Sample : PB133524ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Quant Time: Dec 14 08:19:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



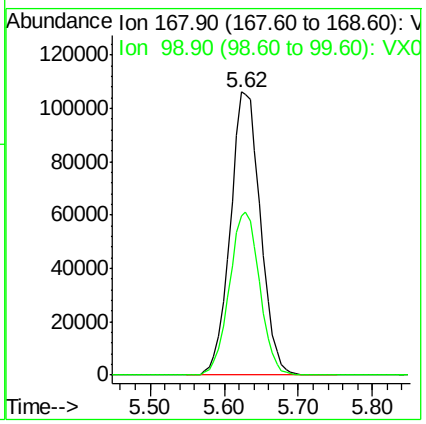


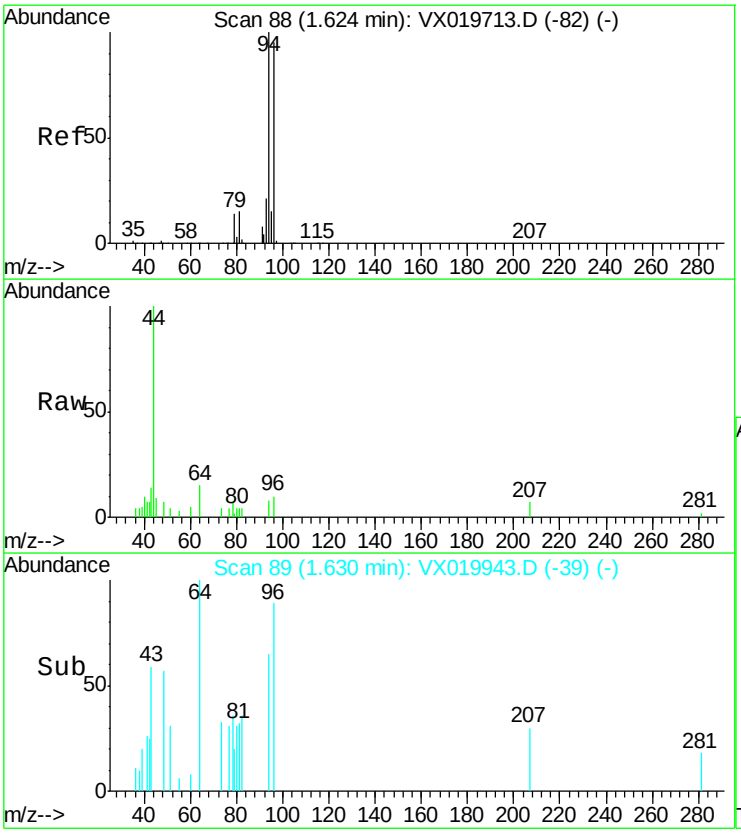
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion:168 Resp: 300402

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

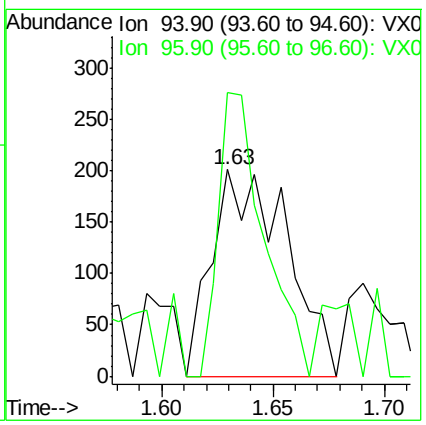


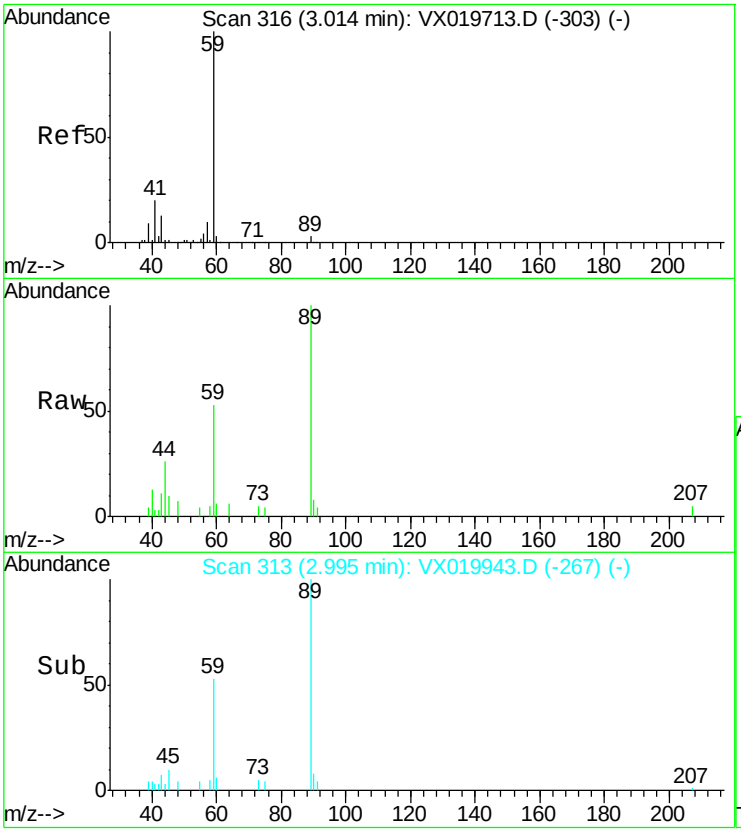


#5
Bromomethane
Concen: 0.415 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 94 Resp: 470

Ion	Ratio	Lower	Upper
94	100		
96	137.3	76.4	114.6#



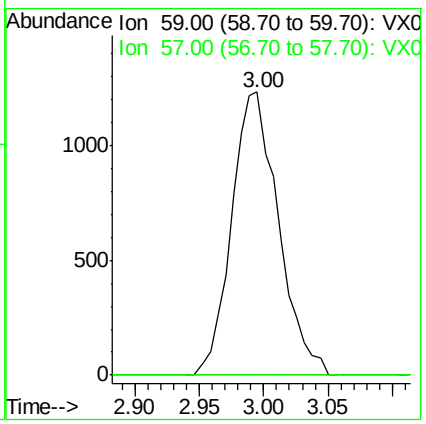


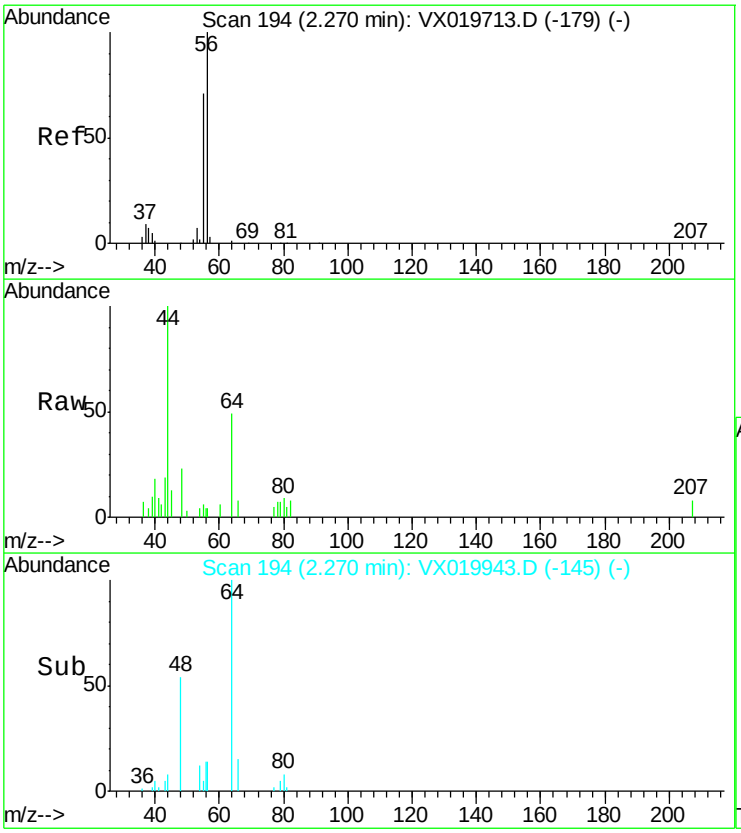
#11
Tert butyl alcohol
Concen: 1.223 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#07

Tgt Ion: 59 Resp: 3103

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

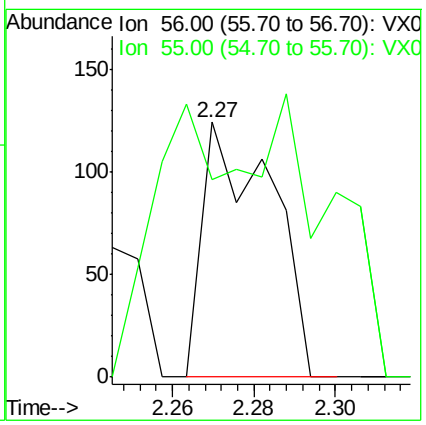


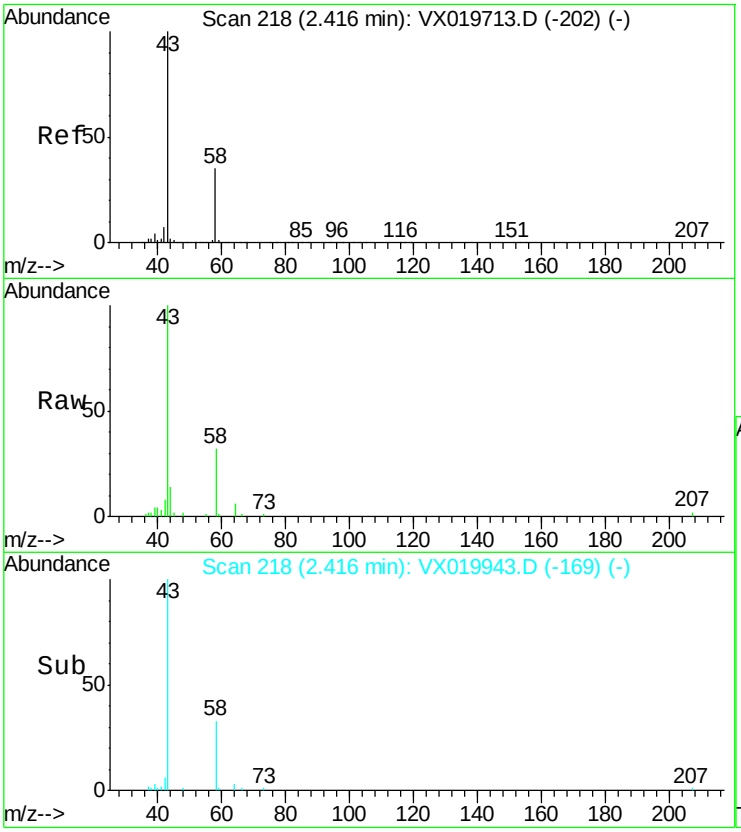


#13
Acrolein
Concen: 0.333 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	147.6	56.4	84.6#



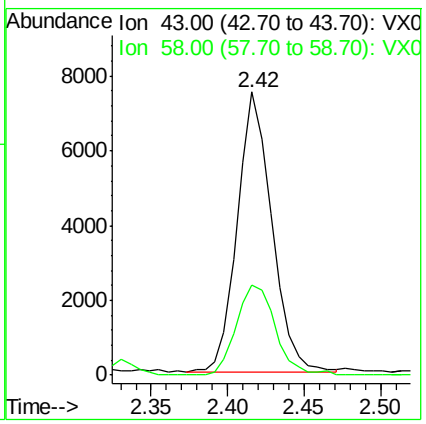


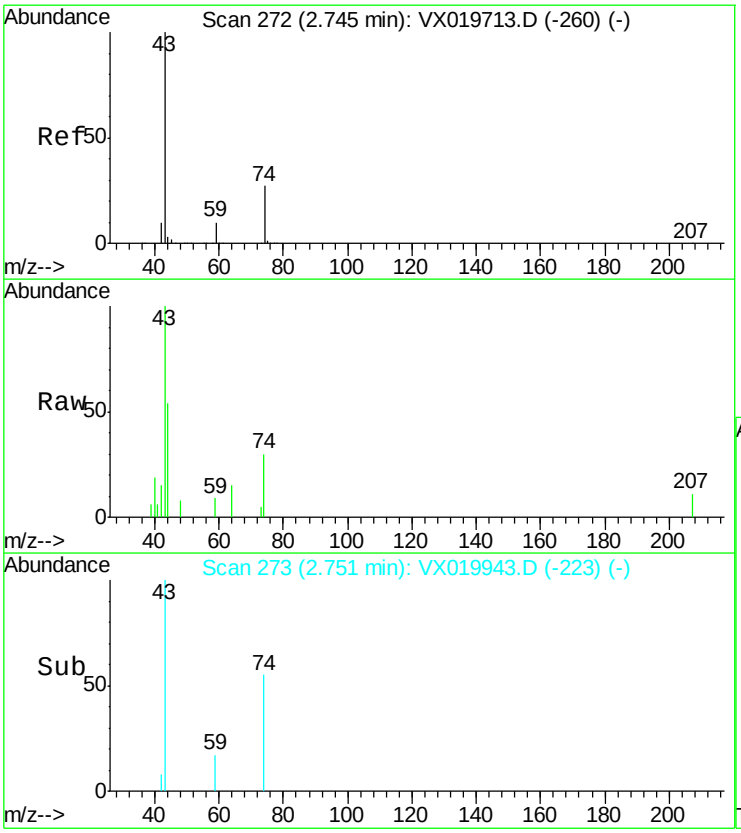
#16
Acetone
Concen: 7.920 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 43 Resp: 11753

Ion	Ratio	Lower	Upper
43	100		
58	32.3	27.8	41.8

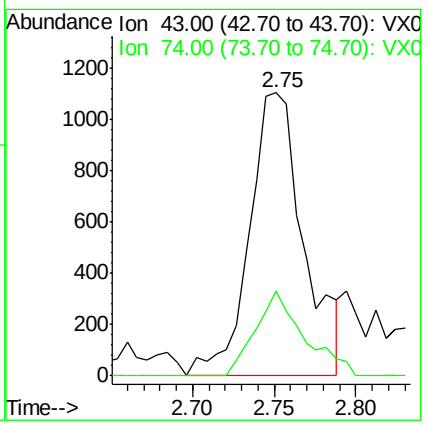


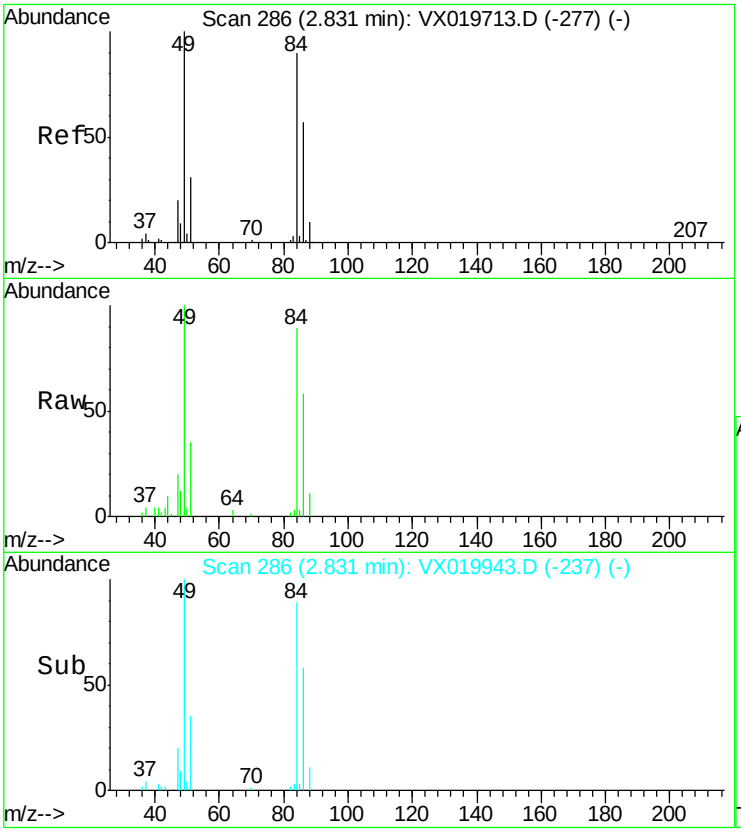


#18
Methyl Acetate
Concen: 0.704 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 43 Resp: 2557

Ion	Ratio	Lower	Upper
43	100		
74	26.8	21.9	32.9



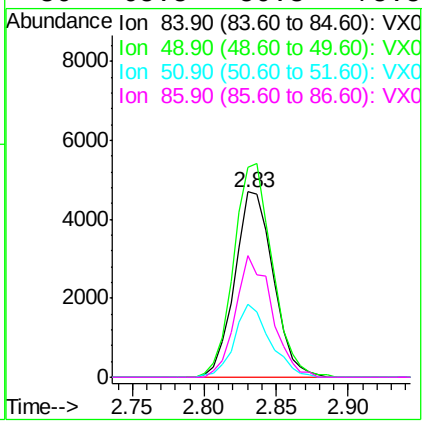


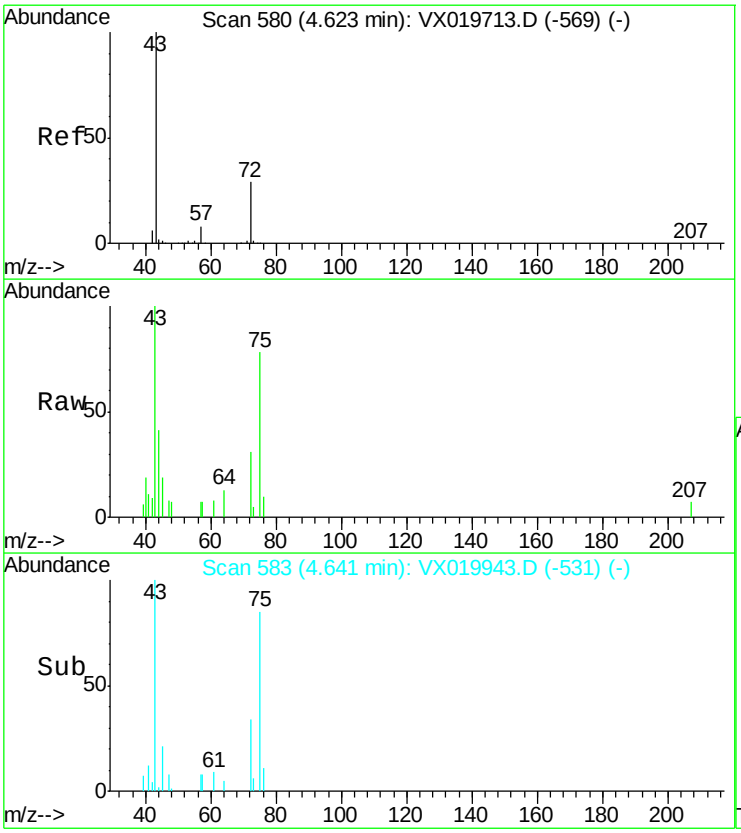
#20
Methylene Chloride
Concen: 1.186 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 84 Resp: 8722

Ion	Ratio	Lower	Upper
84	100		
49	112.8	88.6	132.8
51	39.2	27.0	40.6
86	65.5	50.3	75.5

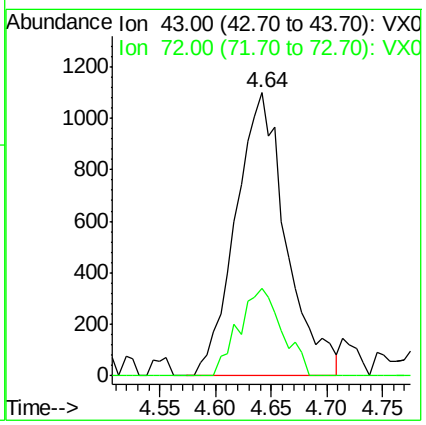


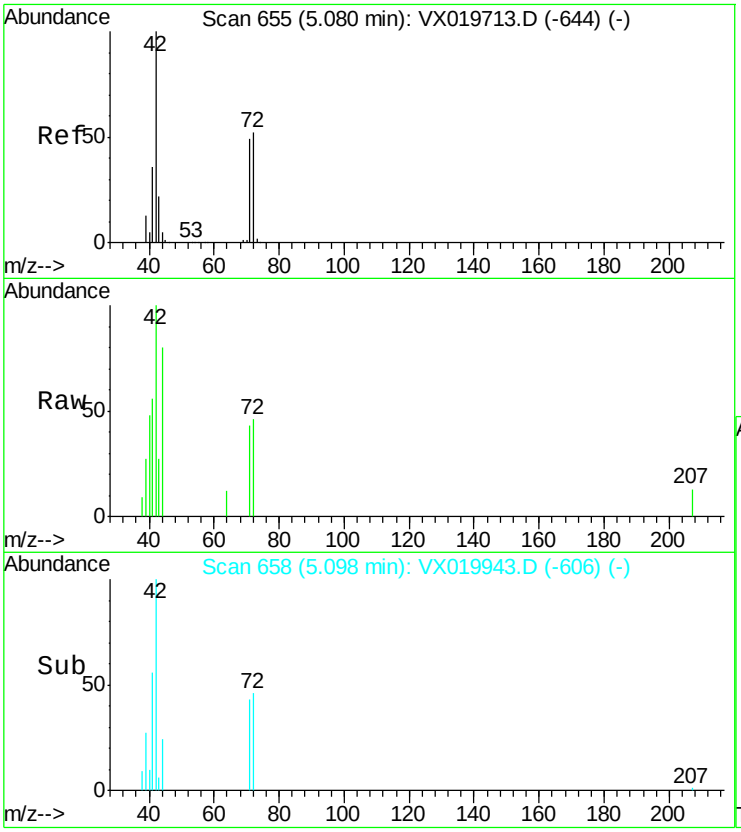


#25
2-Butanone
Concen: 1.524 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 43 Resp: 3476

Ion	Ratio	Lower	Upper
43	100		
72	31.1	23.7	35.5



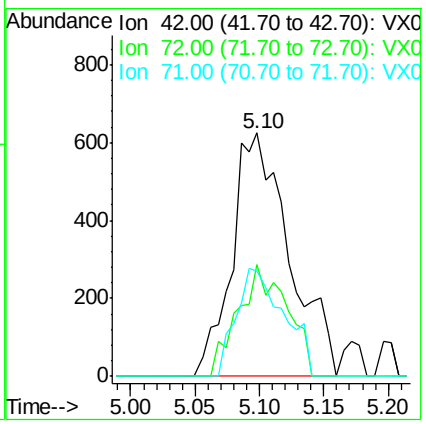


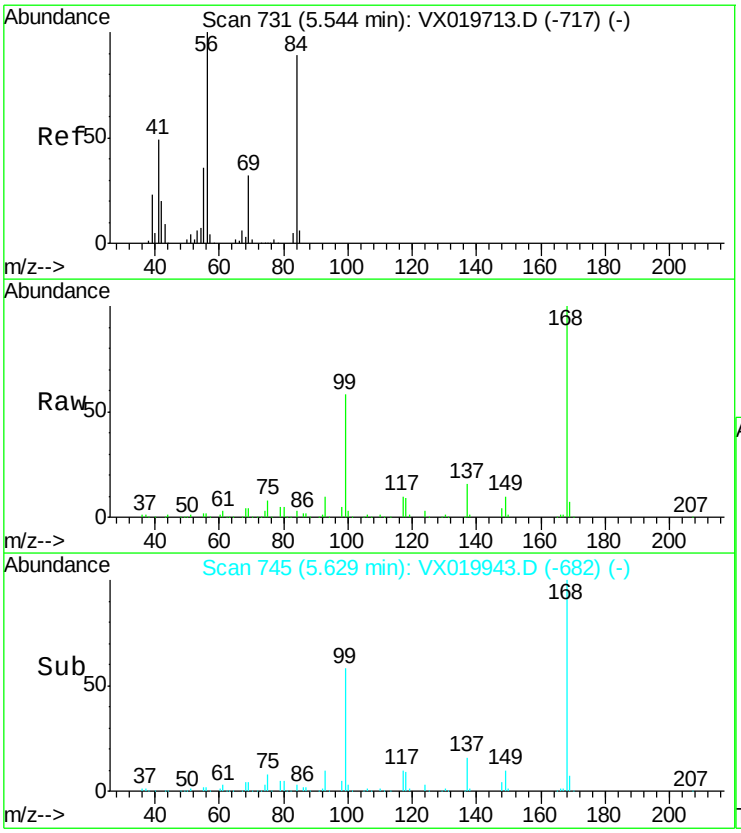
#29
Tetrahydrofuran
Concen: 1.311 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 42 Resp: 1926

Ion	Ratio	Lower	Upper
42	100		
72	39.1	41.7	62.5#
71	37.1	38.4	57.6#

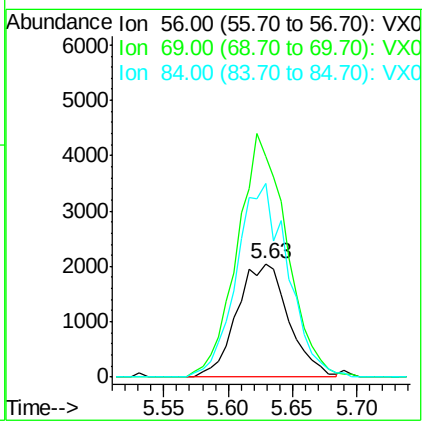


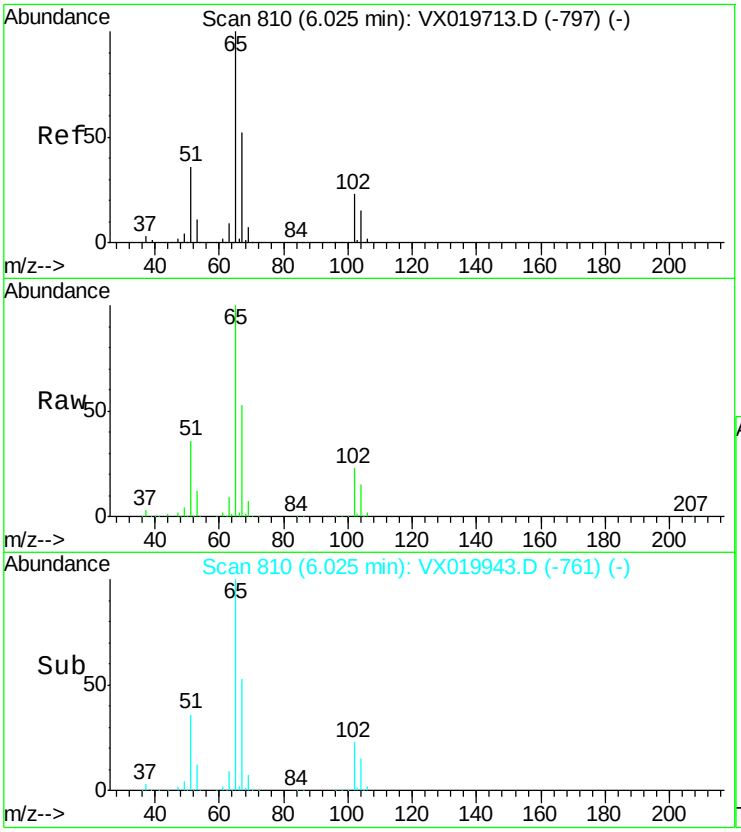


#31
Cyclohexane
Concen: 1.160 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 56 Resp: 5699

Ion	Ratio	Lower	Upper
56	100		
69	195.0	25.3	37.9#
84	170.9	71.4	107.0#



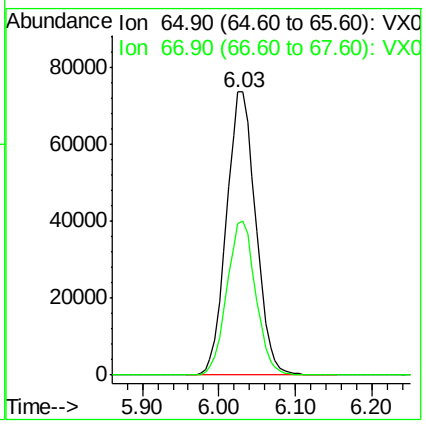


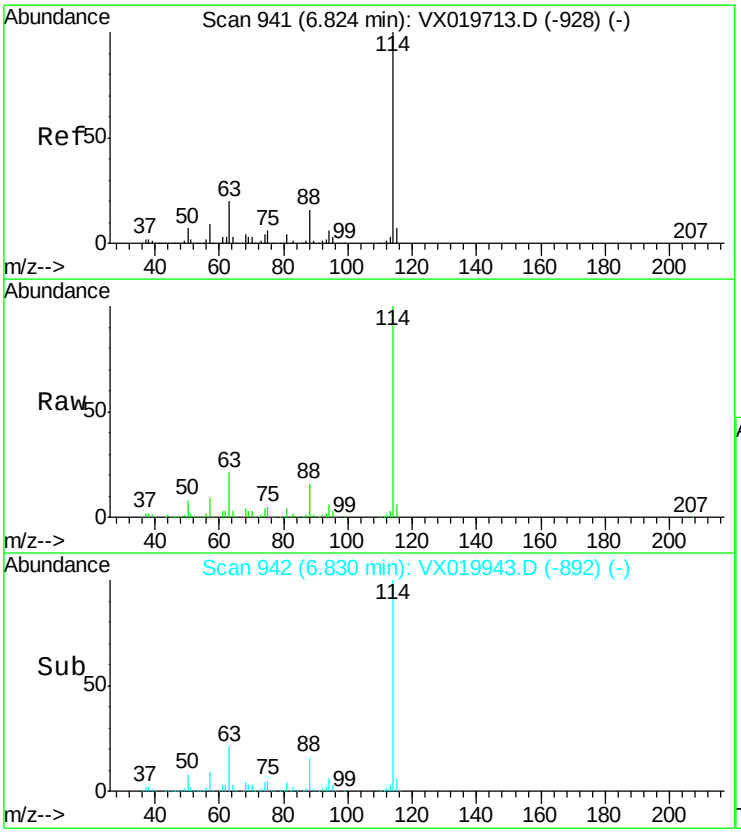
#33
1,2-Dichloroethane-d4
Concen: 49.562 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 65 Resp: 195679

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	105.4

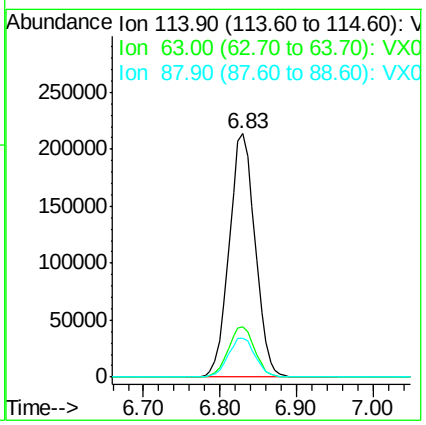


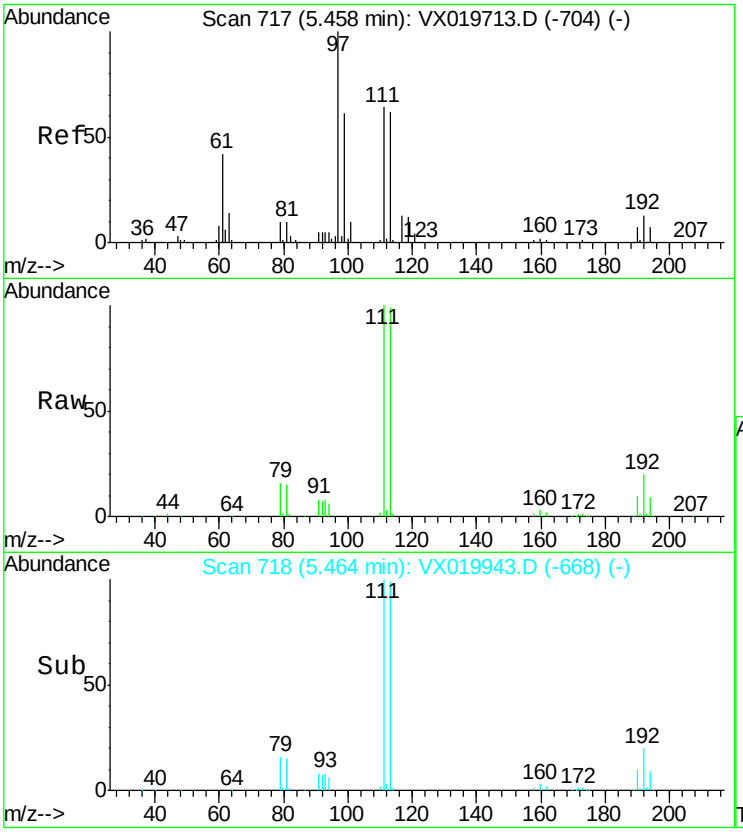


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion:114 Resp: 501923

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.2	0.0	32.8



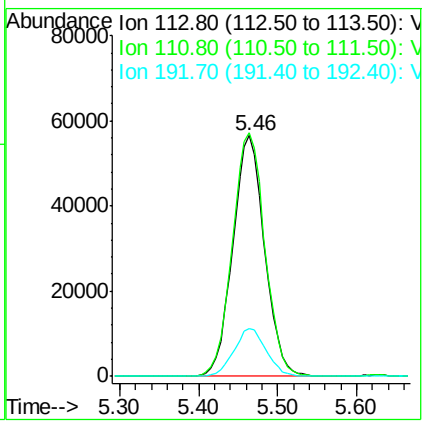


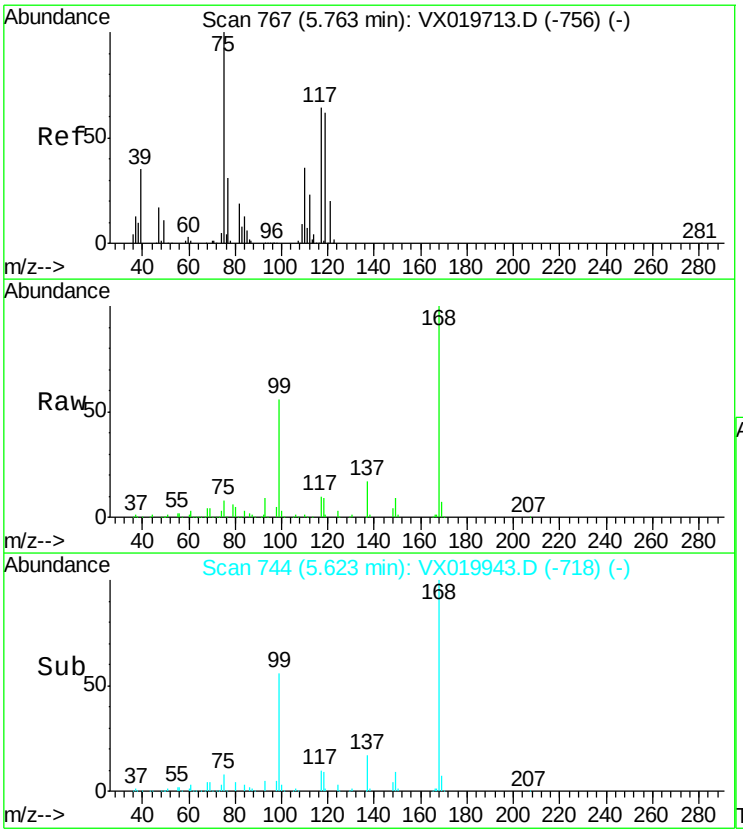
#35
Dibromofluoromethane
Concen: 48.617 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion:113 Resp: 157706

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.3	16.7	25.1

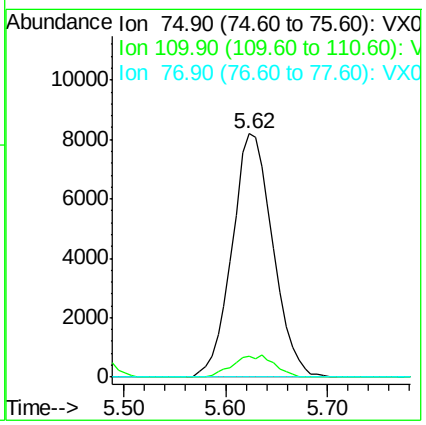


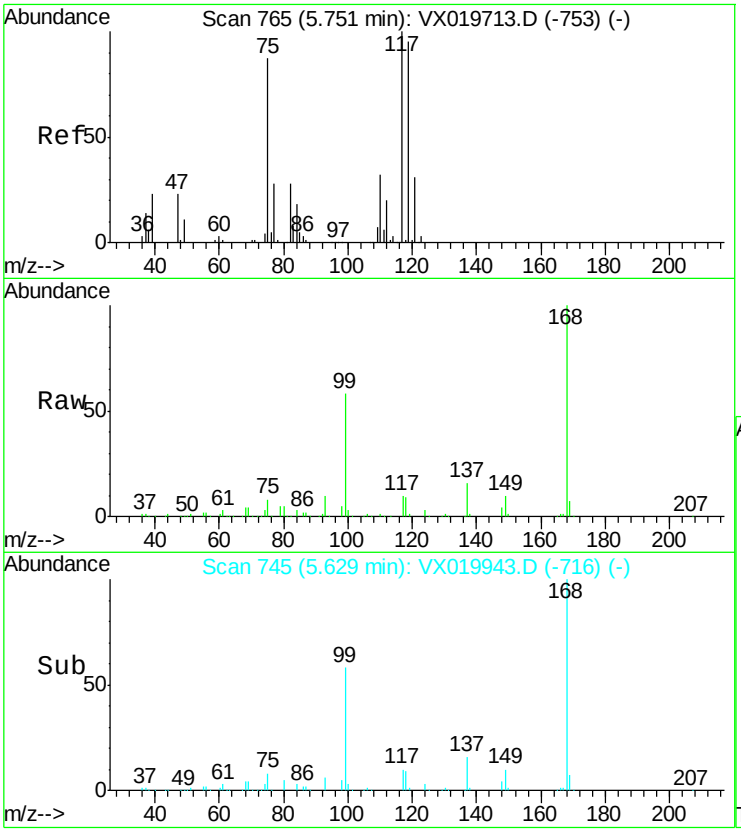


#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 75 Resp: 22730

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



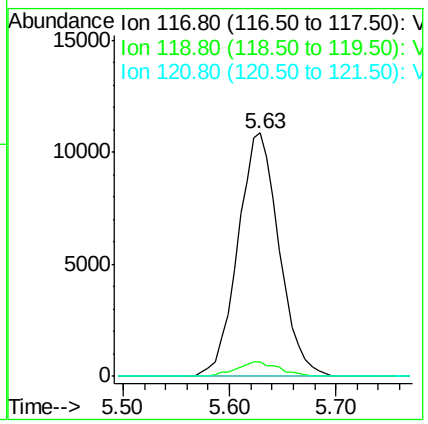


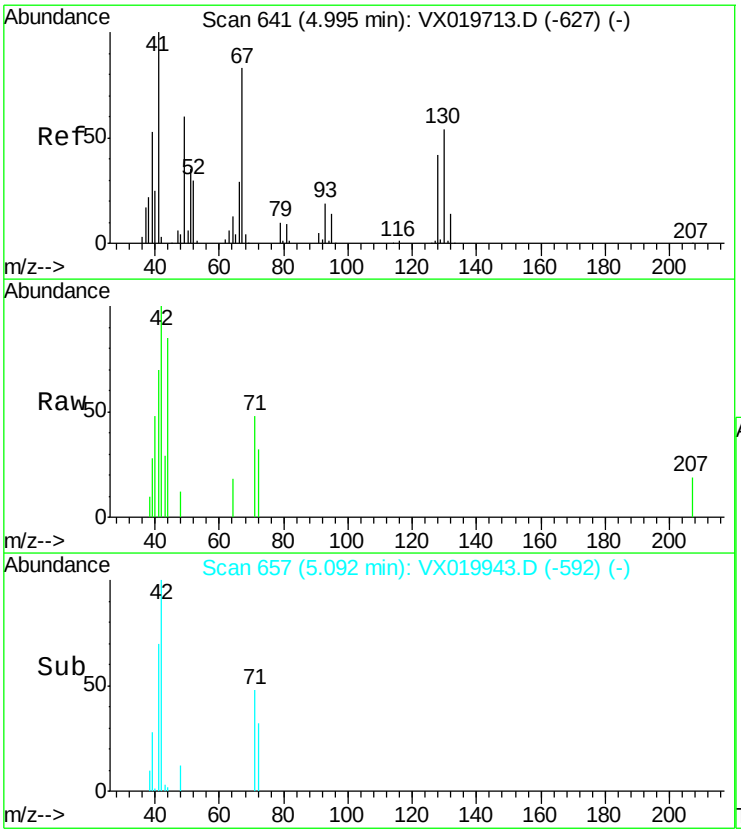
#38
Carbon Tetrachloride
Concen: 6.626 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument : MSVOA_X
ClientSampleId : PB133524ZHE#07

Tgt Ion:117 Resp: 29431

Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#

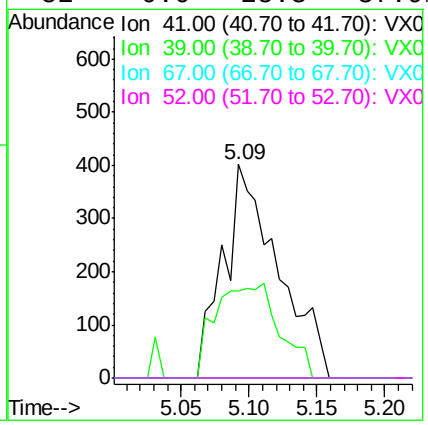


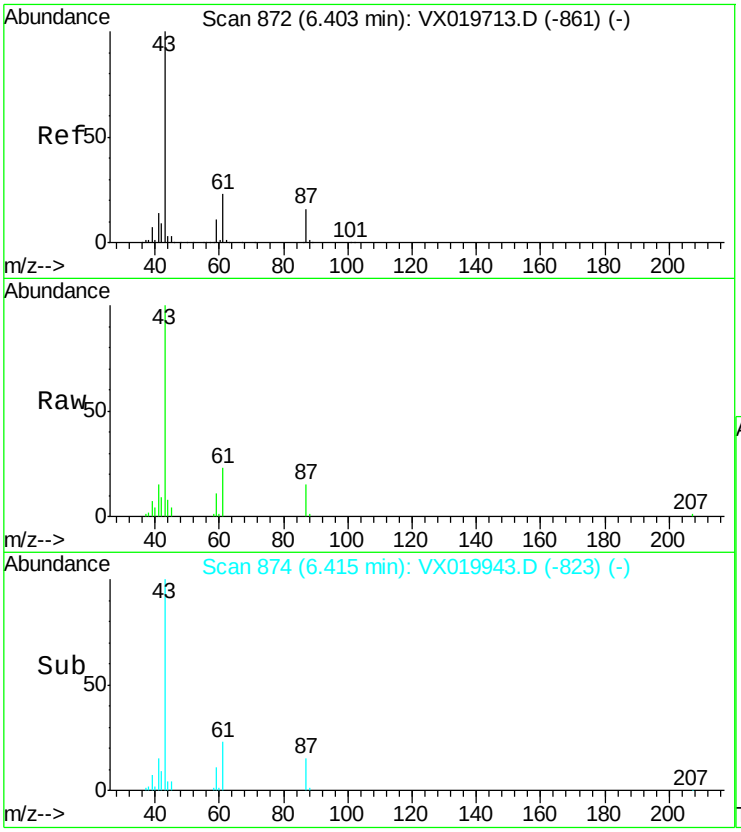


#41
Methacrylonitrile
Concen: 0.449 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 41 Resp: 1130

Ion	Ratio	Lower	Upper
41	100		
39	51.4	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



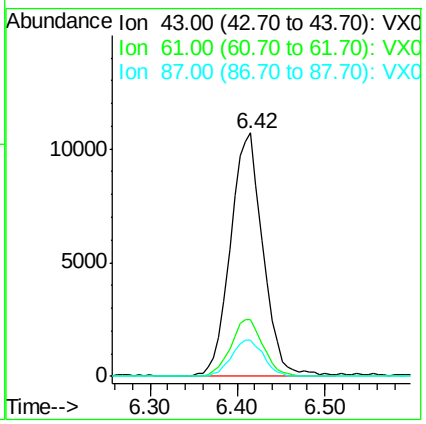


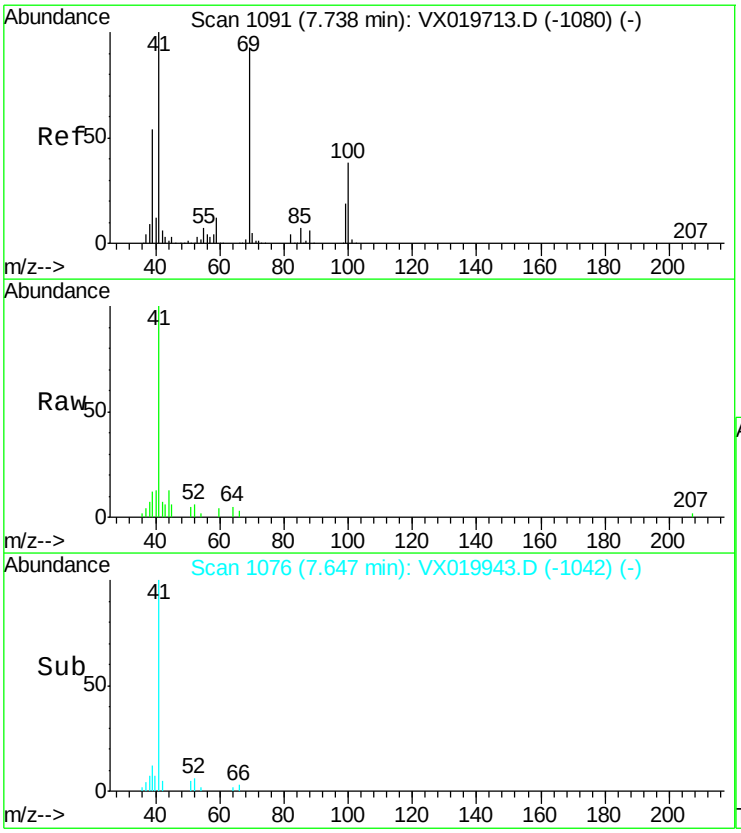
#43
Isopropyl Acetate
Concen: 3.722 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 43 Resp: 27712

Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.2	27.4
87	14.6	12.5	18.7

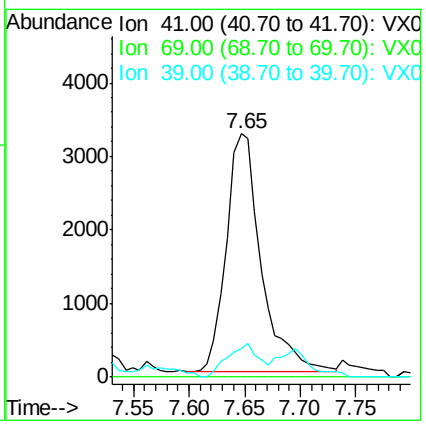


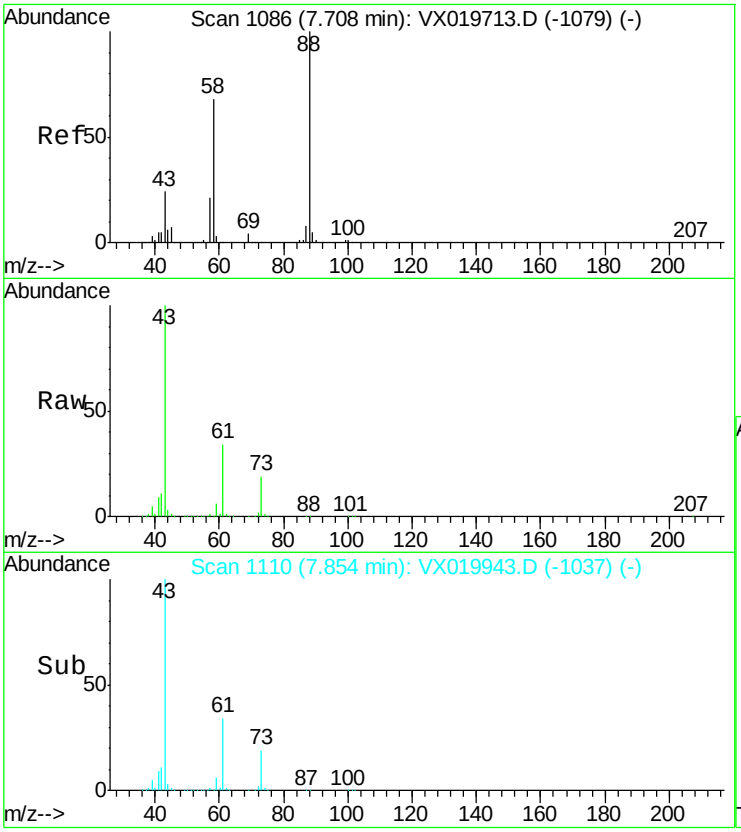


#48
Methyl methacrylate
Concen: 1.934 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 41 Resp: 7082

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



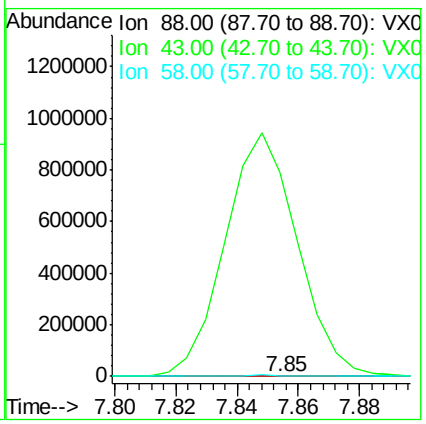


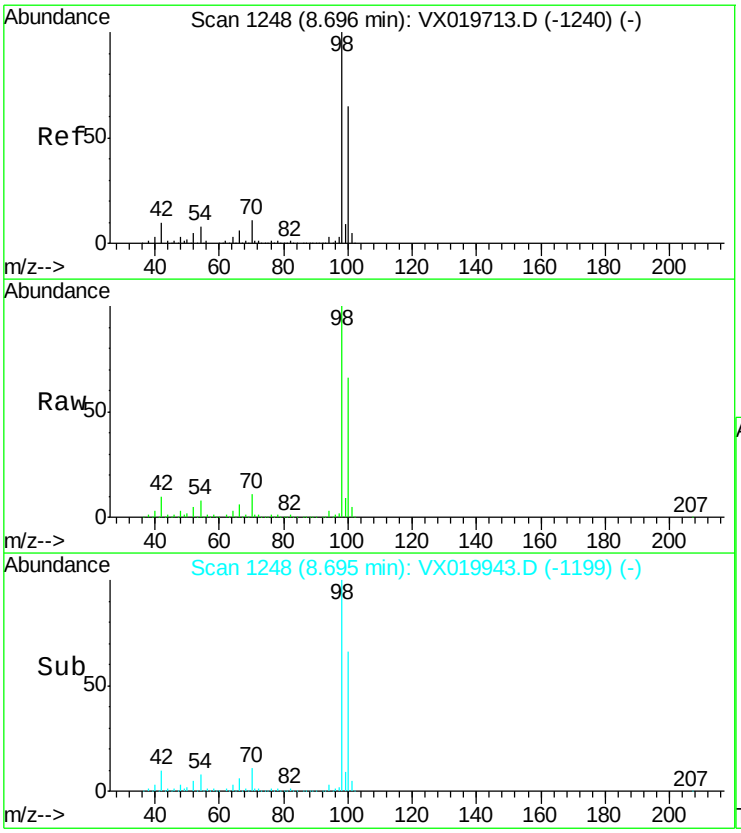
#49
1,4-Dioxane
Concen: 2.243 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.15 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
43	780669.3	23.2	34.8#
58	3914.1	55.0	82.4#

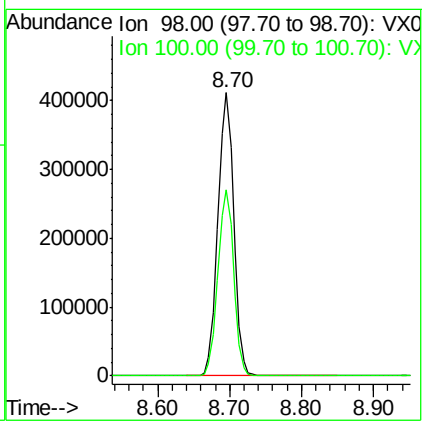


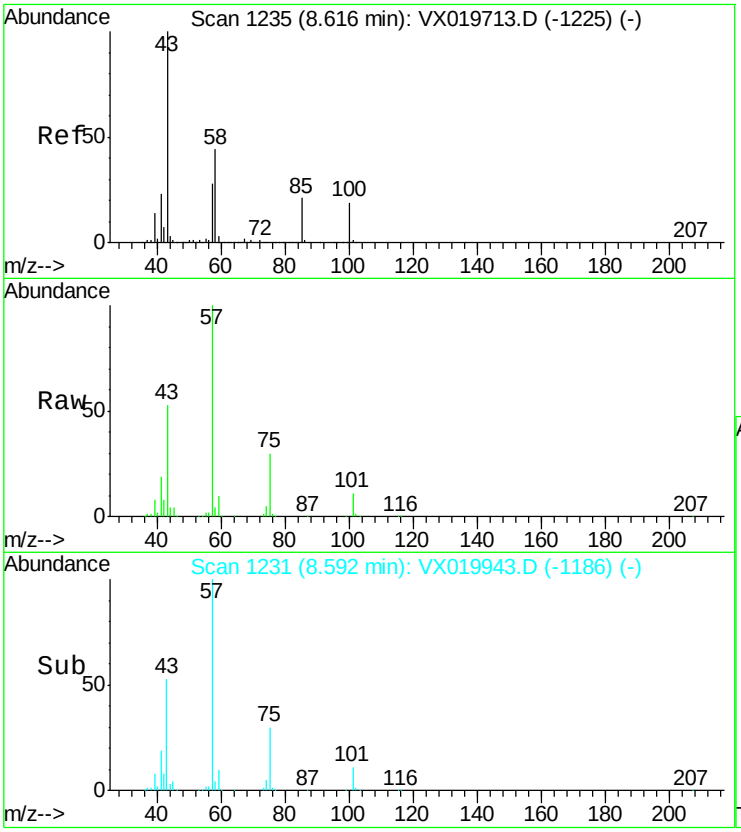


#50
Toluene-d8
Concen: 50.908 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 98 Resp: 630453

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.9	77.9



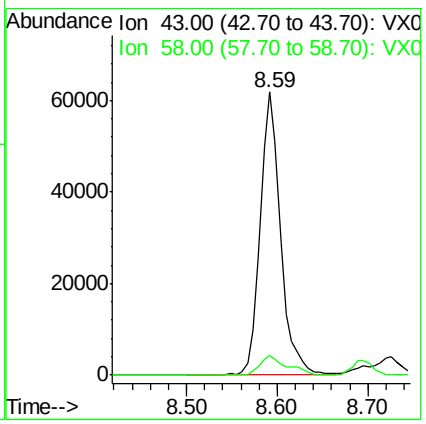


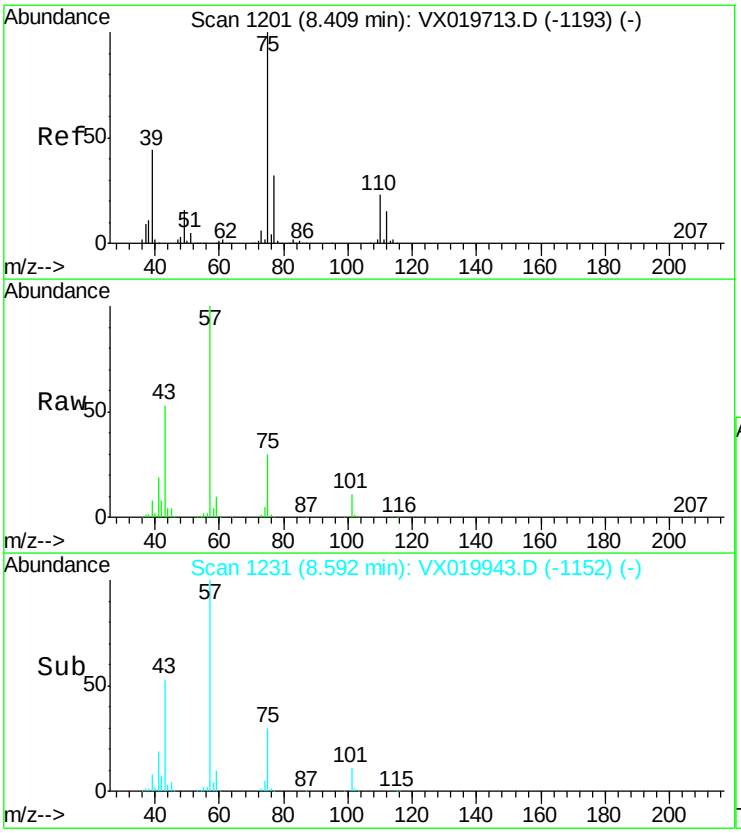
#51
4-Methyl-2-Pentanone
Concen: 21.010 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 43 Resp: 95503

Ion	Ratio	Lower	Upper
43	100		
58	9.3	35.4	53.0#

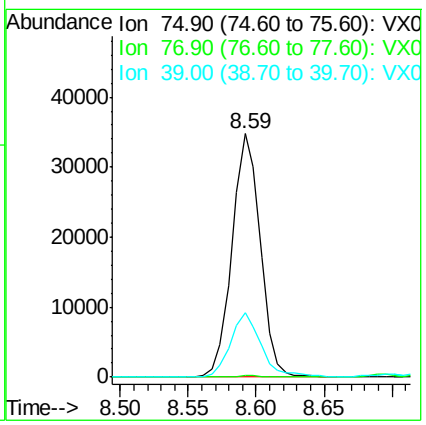


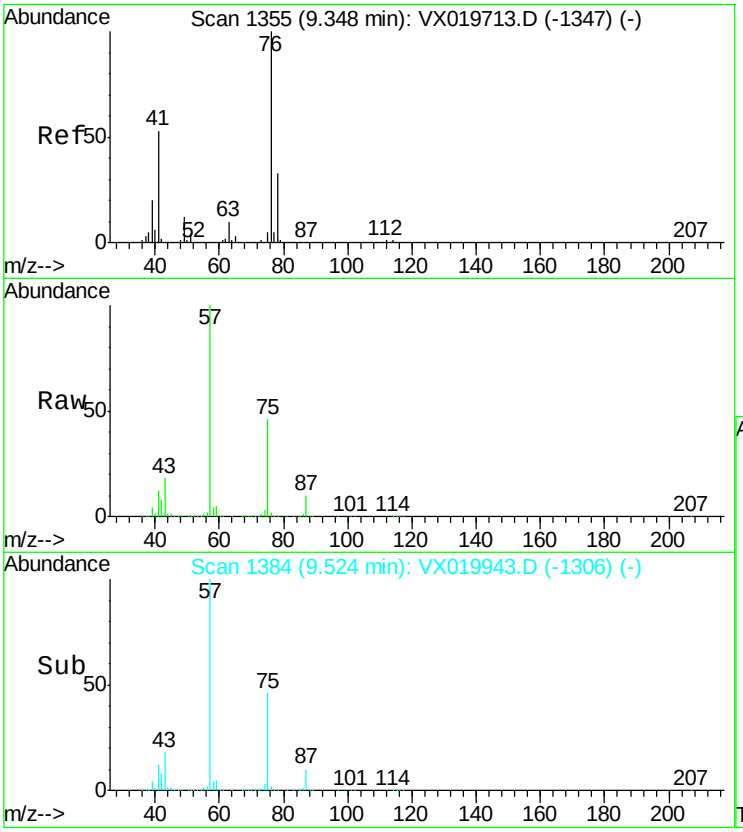


#54
cis-1,3-Dichloropropene
Concen: 8.963 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 75 Resp: 50137

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.7	38.5#
39	26.5	35.1	52.7#



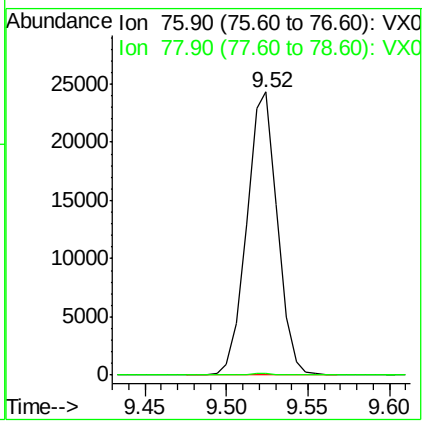


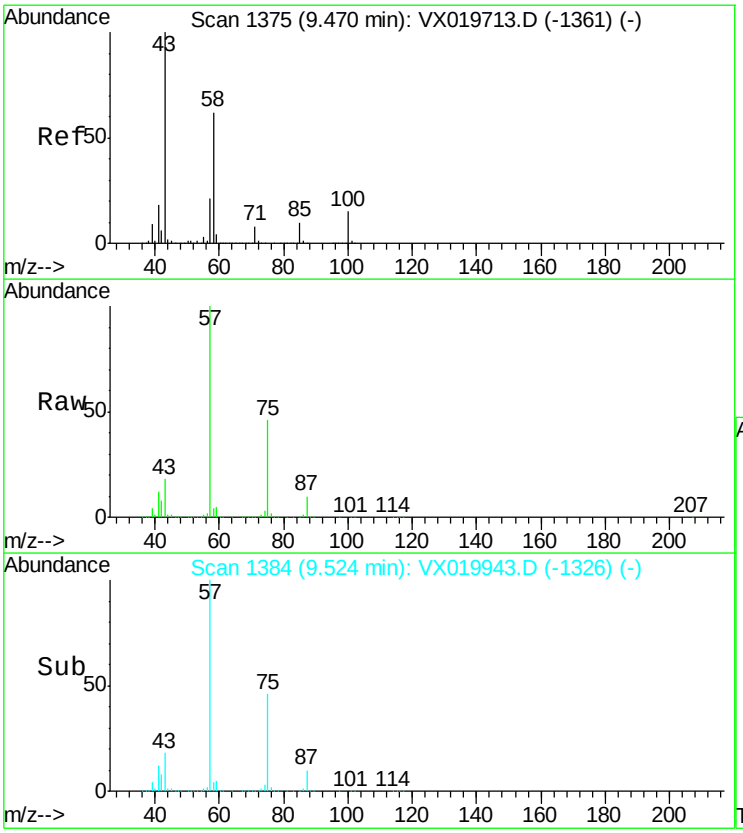
#57
1,3-Dichloropropane
Concen: 5.333 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 76 Resp: 31796

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

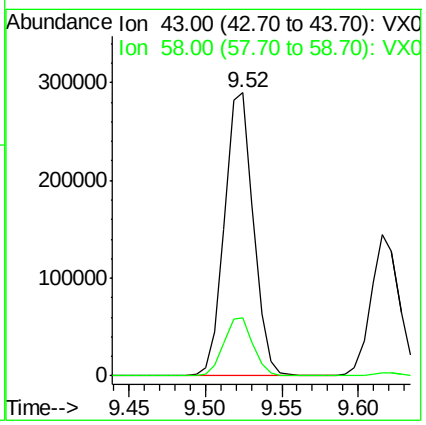


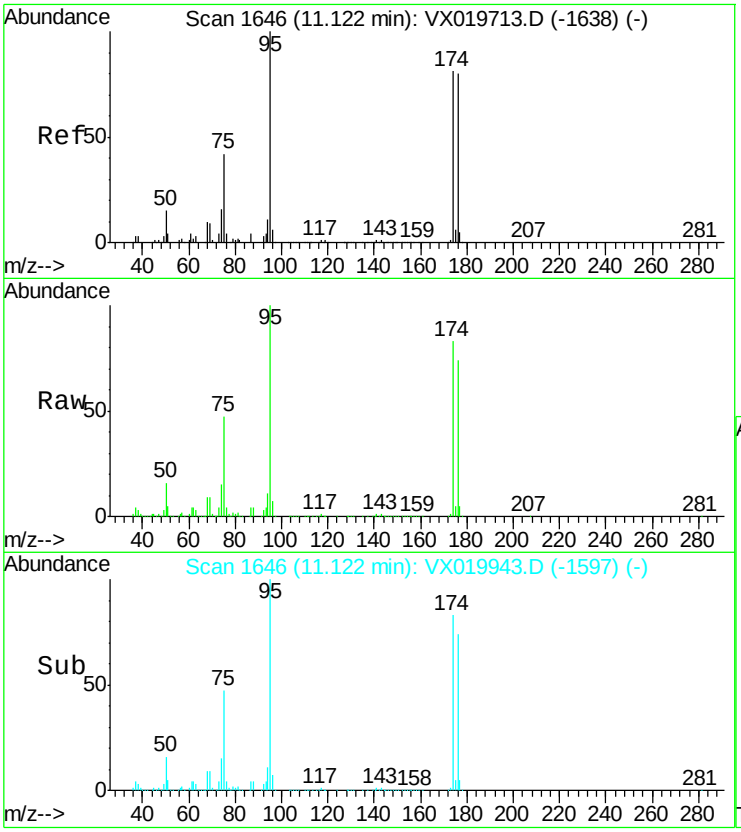


#59
2-Hexanone
Concen: 107.313 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 43 Resp: 378105

Ion	Ratio	Lower	Upper
43	100		
58	20.9	30.9	92.8#



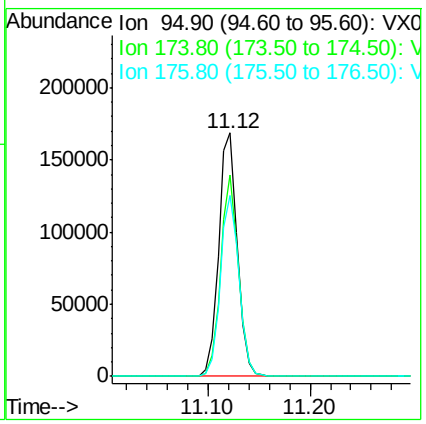


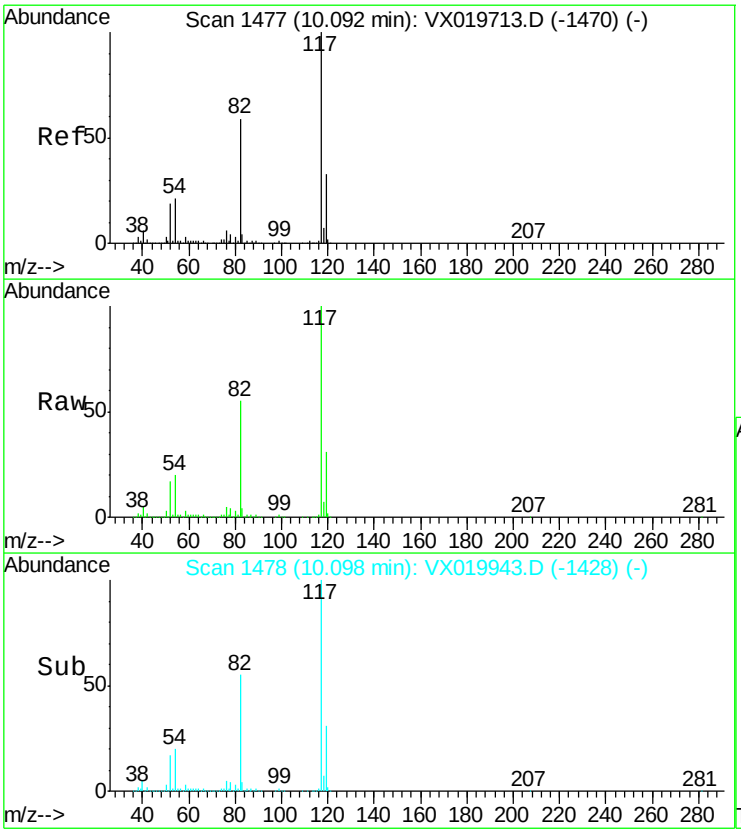
#62
4-Bromofluorobenzene
Concen: 45.549 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion: 95 Resp: 214699

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	154.6
176	73.9	0.0	155.8

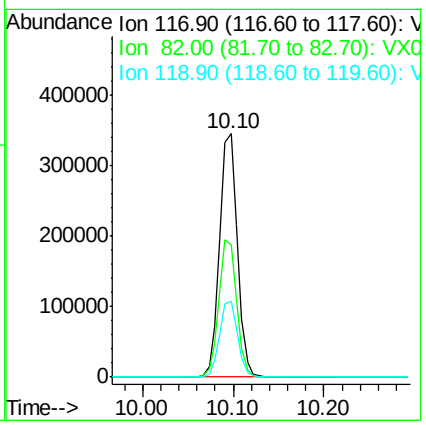


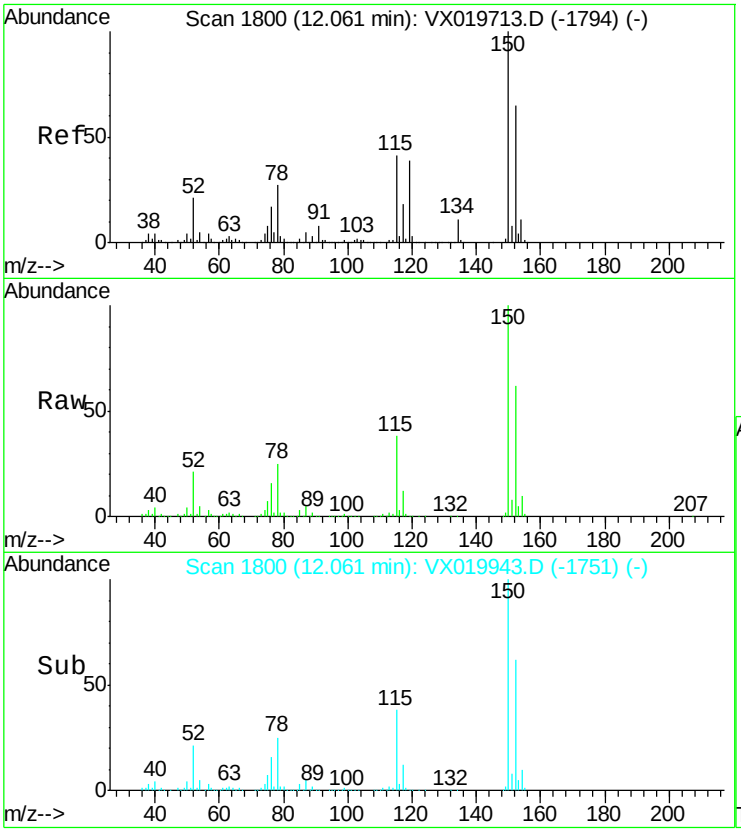


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion:117 Resp: 472846

Ion	Ratio	Lower	Upper
117	100		
82	54.6	47.4	71.2
119	31.2	26.6	39.8



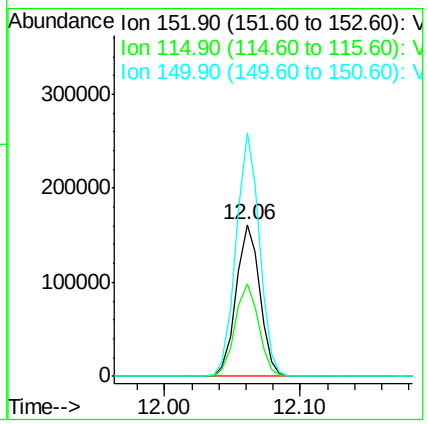


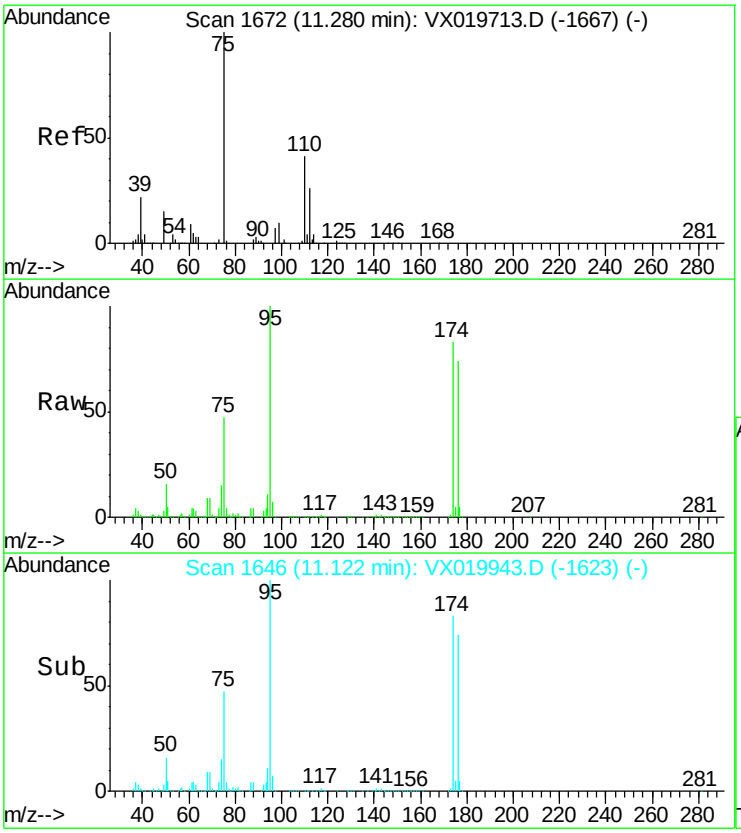
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion:152 Resp: 195427

Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.1	123.3
150	157.8	0.0	349.0

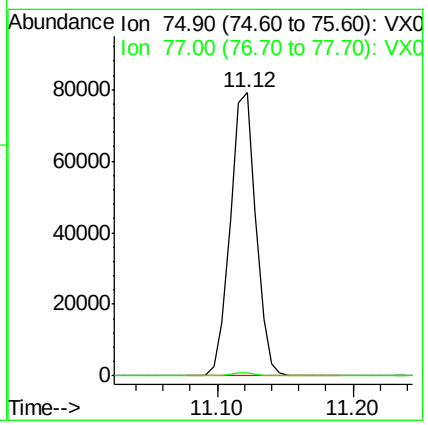


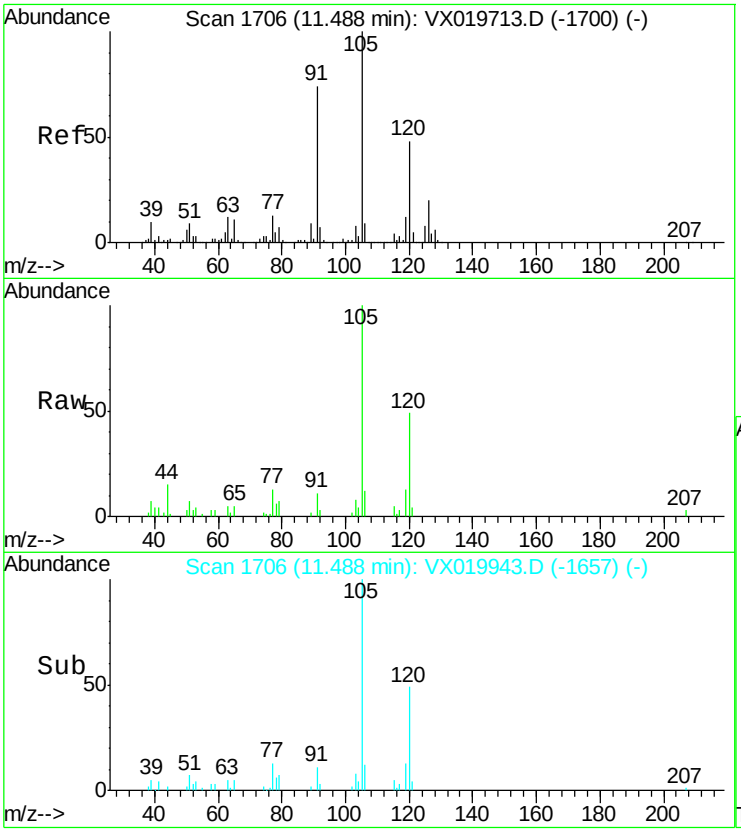


#76
1,2,3-Trichloropropane
Concen: 23.654 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 75 Resp: 103677

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



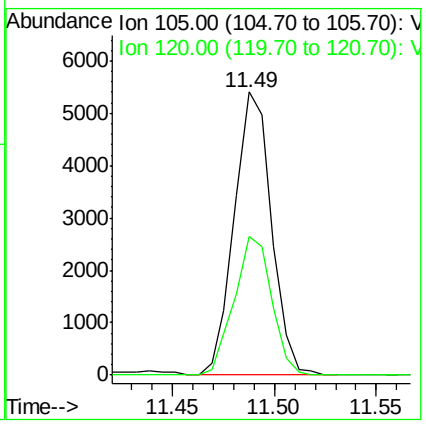


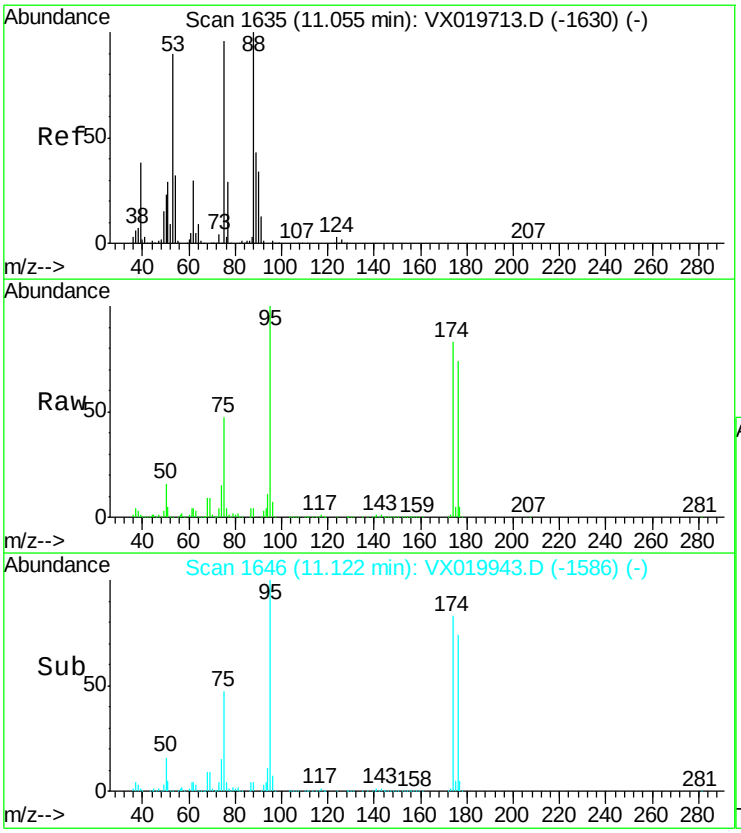
#80
1,3,5-Trimethylbenzene
Concen: 0.607 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#07

Tgt Ion:105 Resp: 6840

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 68.379 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019943.D
Acq: 12 Dec 2020 19:31

Tgt Ion: 75 Resp: 103677

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#