Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019936.D
Acq On : 12 Dec 2020 16:47
Operator : JC/MD
Sample : PB133501ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133501ZHE#19

Quant Time: Dec 14 08:18:12 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	5.63	168	308954	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	512639	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	477029	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199189	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	197551	48.65	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.30%				
35) Dibromofluoromethane	5.46	113	160450	48.43	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.86%				
50) Toluene-d8	8.70	98	629659	49.78	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.56%				
62) 4-Bromofluorobenzene	11.12	95	217041	45.08	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.16%				
Target Compounds							Qvalue
5) Bromomethane	1.63	94	675	0.580	ug/l		91
11) Tert butyl alcohol	3.00	59	7792	6.792	ug/l	#	79
13) Acrolein	2.28	56	264	0.589	ug/l	#	61
16) Acetone	2.42	43	31690	20.763	ug/l		100
18) Methyl Acetate	2.75	43	2990	0.801	ug/l		95
20) Methylene Chloride	2.83	84	79924	22.145	ug/l		99
25) 2-Butanone	4.64	43	4693	2.001	ug/l		95
29) Tetrahydrofuran	5.09	42	1117	0.739	ug/l	#	48
31) Cyclohexane	5.62	56	5981	1.184	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	23963	5.173	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	30555	6.736	ug/l	#	16
41) Methacrylonitrile	5.11	41	779	0.303	ug/l	#	30
43) Isopropyl Acetate	6.41	43	23983	3.154	ug/l		99
48) Methyl methacrylate	7.65	41	6162	1.648	ug/l	#	10
49) 1,4-Dioxane	7.85	88	243	2.682	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	82979	17.874	ug/l	#	48
54) cis-1,3-Dichloropropene	8.59	75	43518	7.617	ug/l	#	60
57) 1,3-Dichloropropane	9.52	76	28197	4.630	ug/l	#	43
59) 2-Hexanone	9.52	43	340176	94.530	ug/l	#	46
76) 1,2,3-Trichloropropane	11.12	75	105232	23.555	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.49	105	5460	0.475	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.12	75	105232	68.094	ug/l	#	12

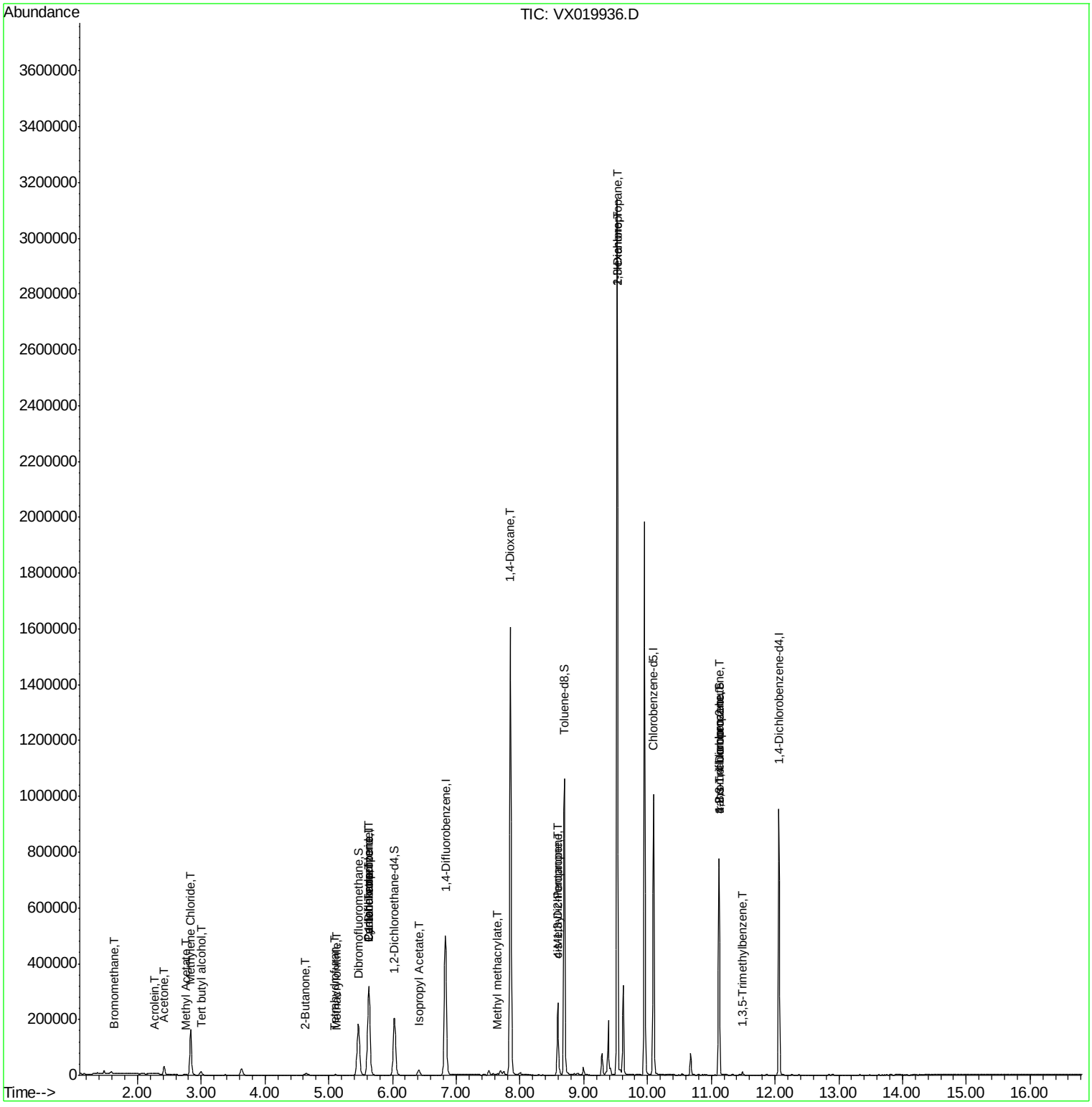
(#) = qualifier out of range (m) = manual integration (+) = signals summed

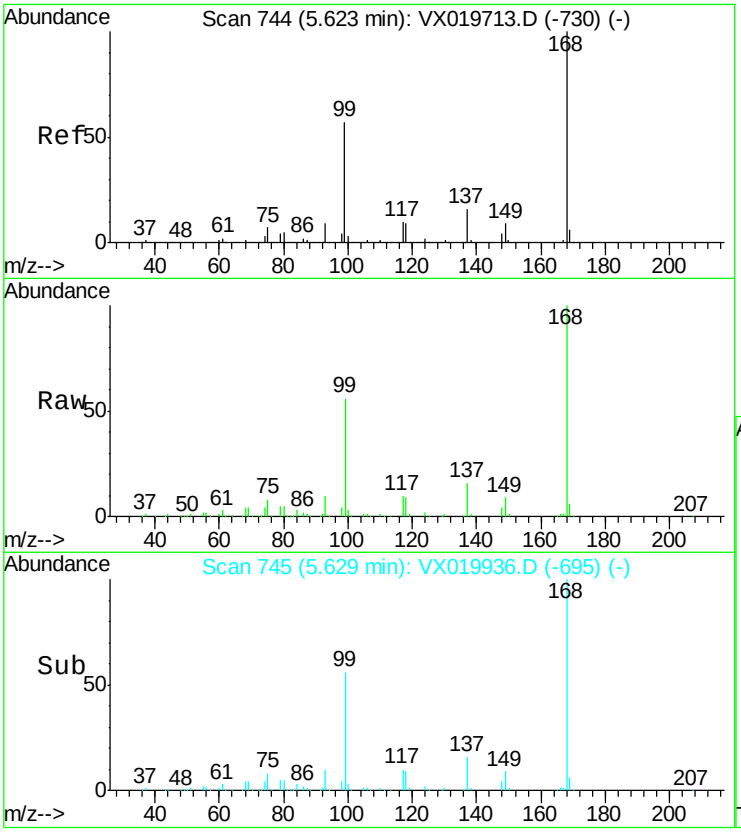
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121220\
Data File : VX019936.D
Acq On : 12 Dec 2020 16:47
Operator : JC/MD
Sample : PB133501ZHE#19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Quant Time: Dec 14 08:18:12 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



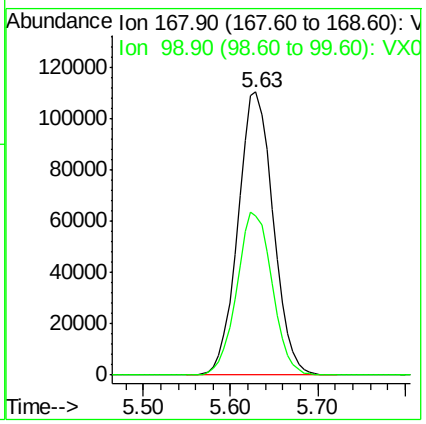


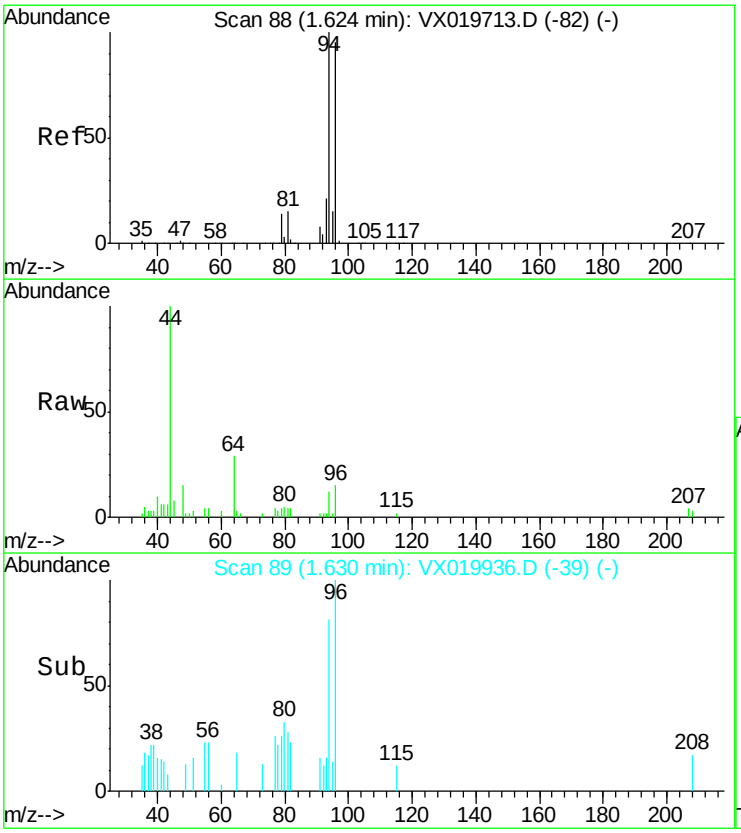
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion:168 Resp: 308954

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

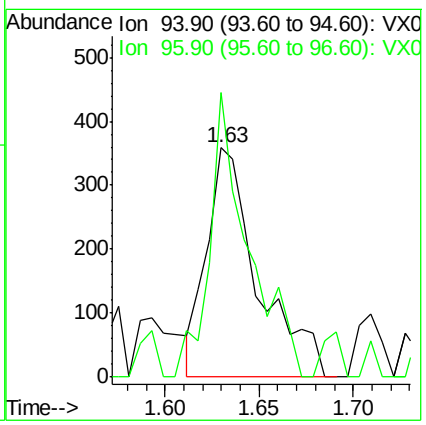


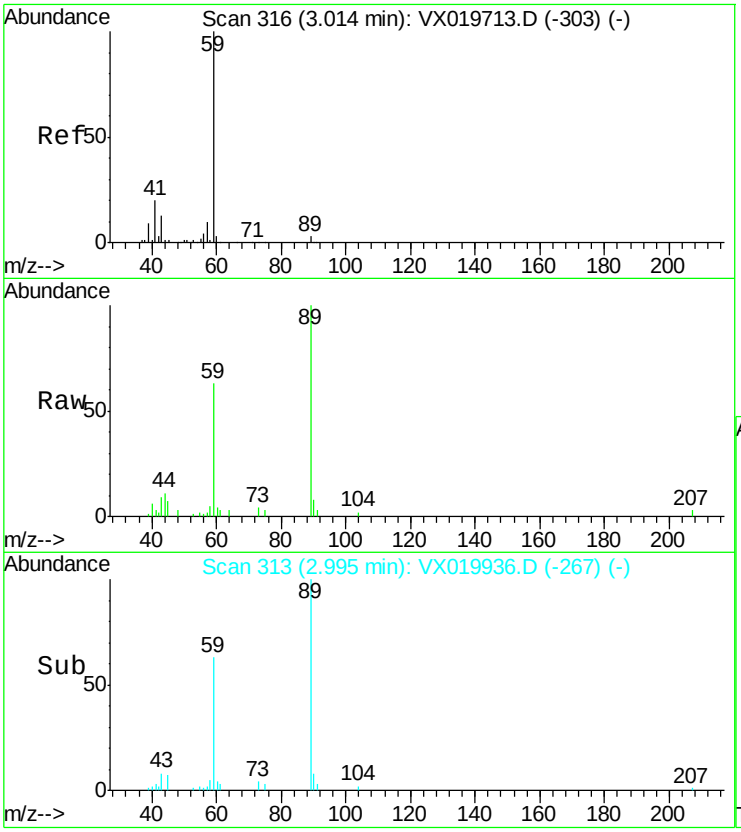


#5
Bromomethane
Concen: 0.580 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 94 Resp: 675

Ion	Ratio	Lower	Upper
94	100		
96	104.5	76.4	114.6



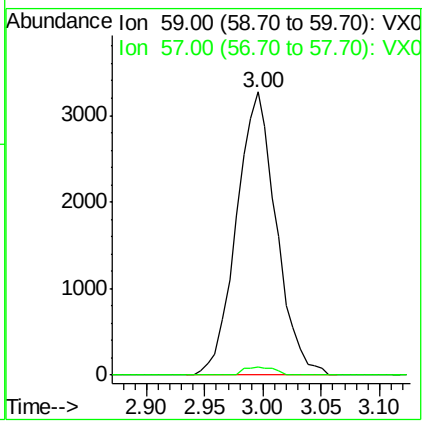


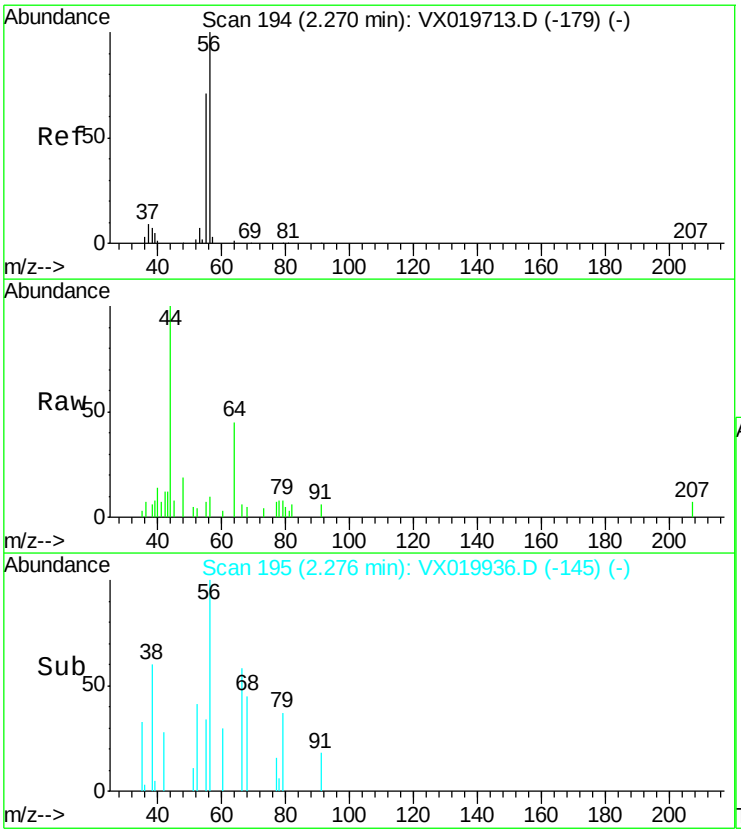
#11
Tert butyl alcohol
Concen: 6.792 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 59 Resp: 7792

Ion	Ratio	Lower	Upper
59	100		
57	2.2	7.8	11.8#

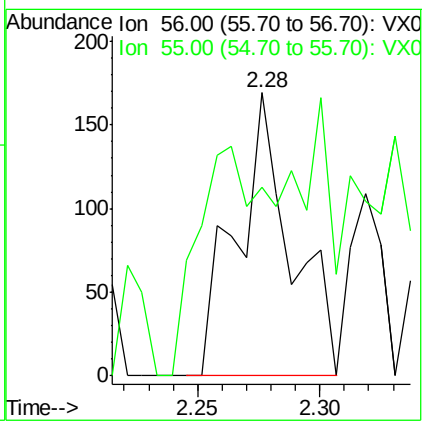


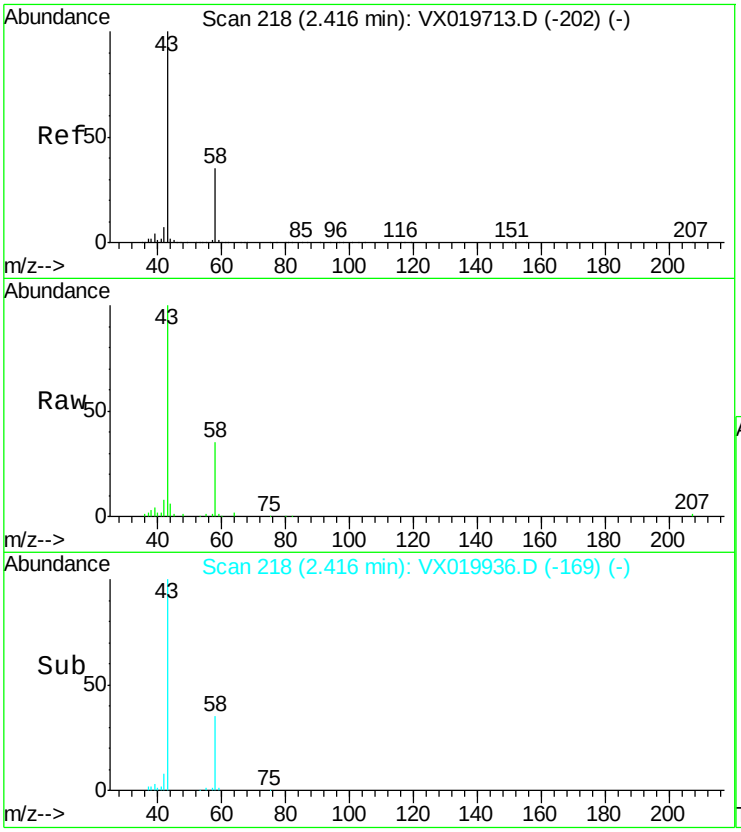


#13
Acrolein
Concen: 0.589 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 56 Resp: 264

Ion	Ratio	Lower	Upper
56	100		
55	103.0	56.4	84.6#



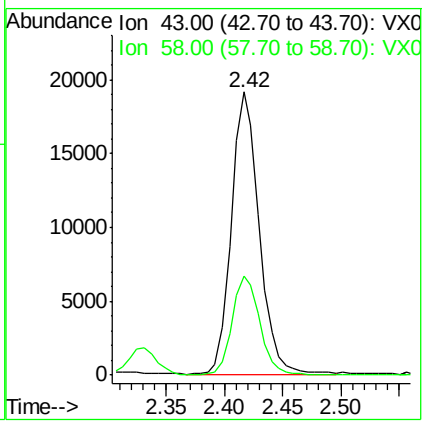


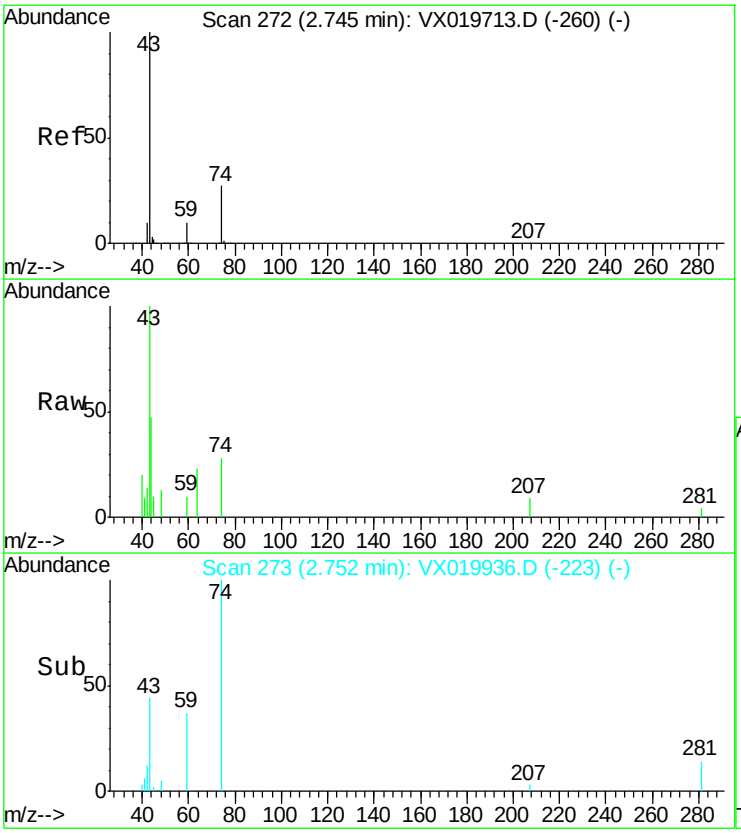
#16
Acetone
Concen: 20.763 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 43 Resp: 31690

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.8	41.8

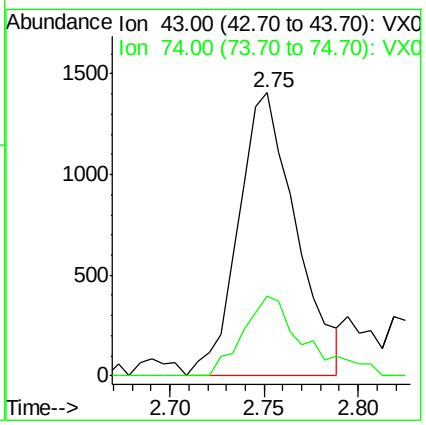


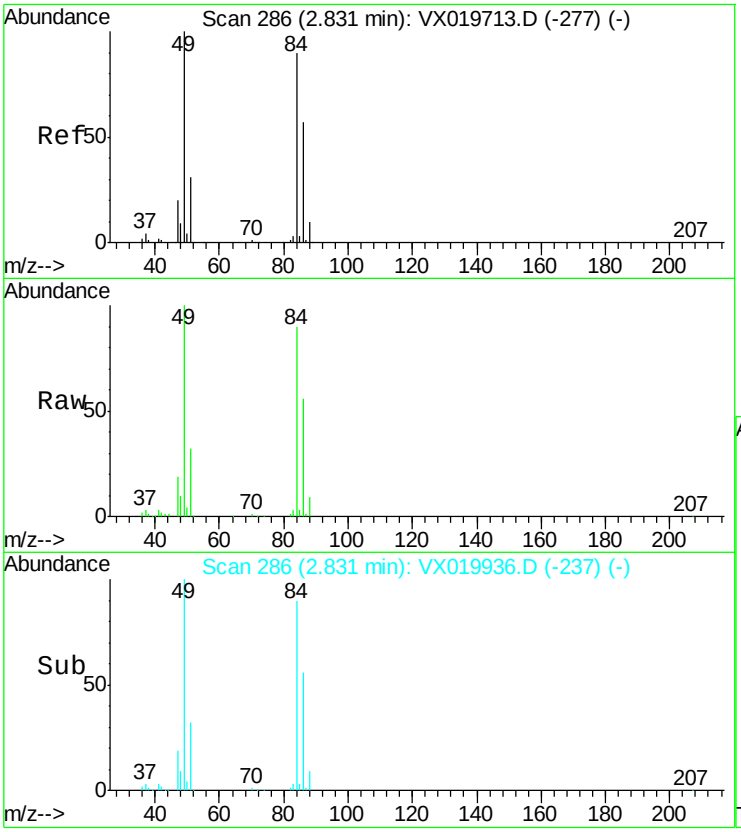


#18
Methyl Acetate
Concen: 0.801 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 43 Resp: 2990

Ion	Ratio	Lower	Upper
43	100		
74	29.9	21.9	32.9



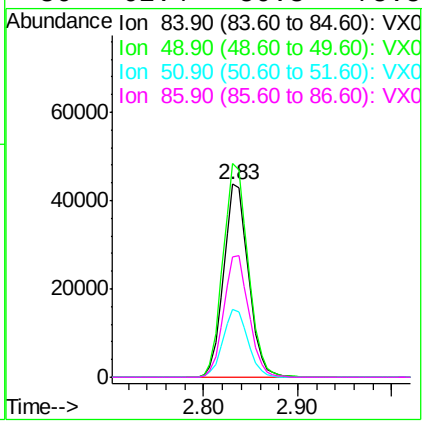


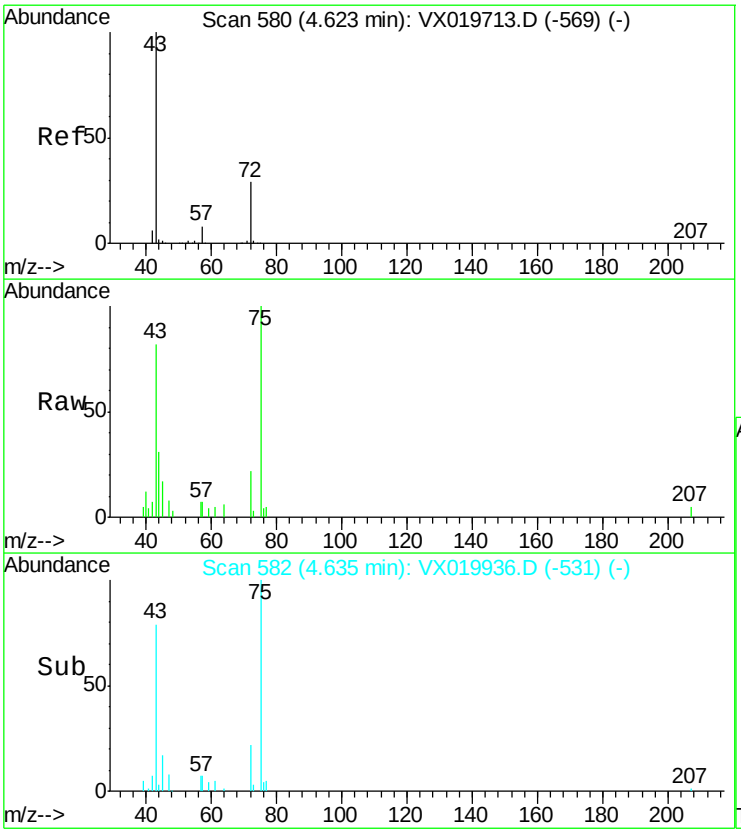
#20
Methylene Chloride
Concen: 22.145 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 84 Resp: 79924

Ion	Ratio	Lower	Upper
84	100		
49	110.6	88.6	132.8
51	34.9	27.0	40.6
86	62.4	50.3	75.5

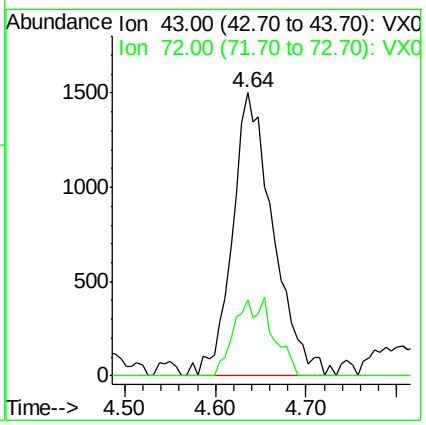


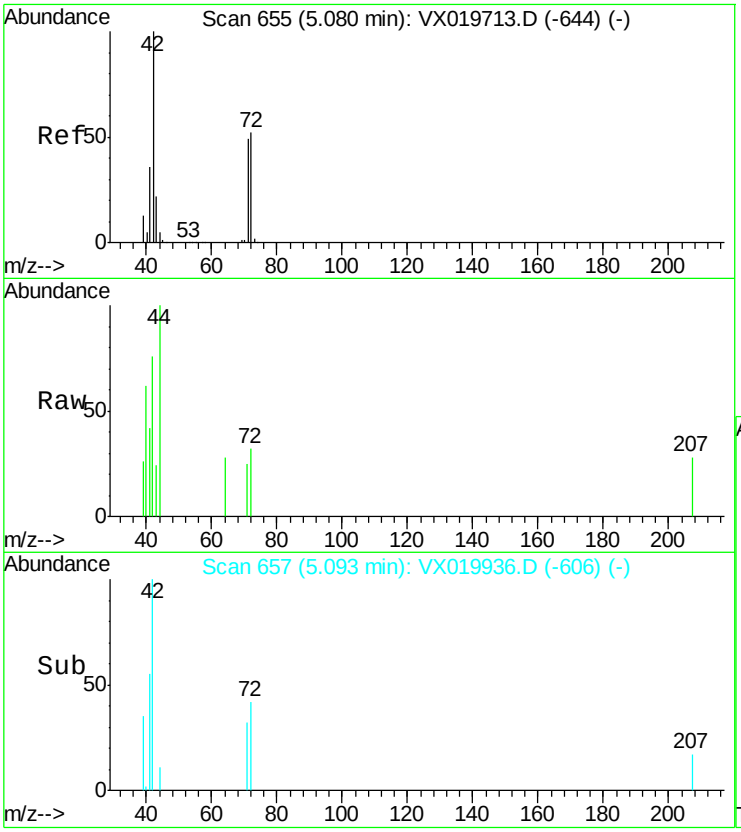


#25
2-Butanone
Concen: 2.001 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 43 Resp: 4693

Ion	Ratio	Lower	Upper
43	100		
72	27.0	23.7	35.5



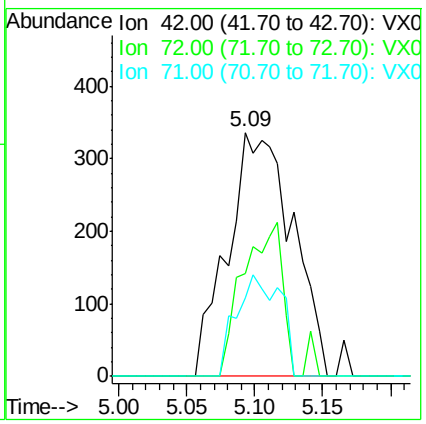


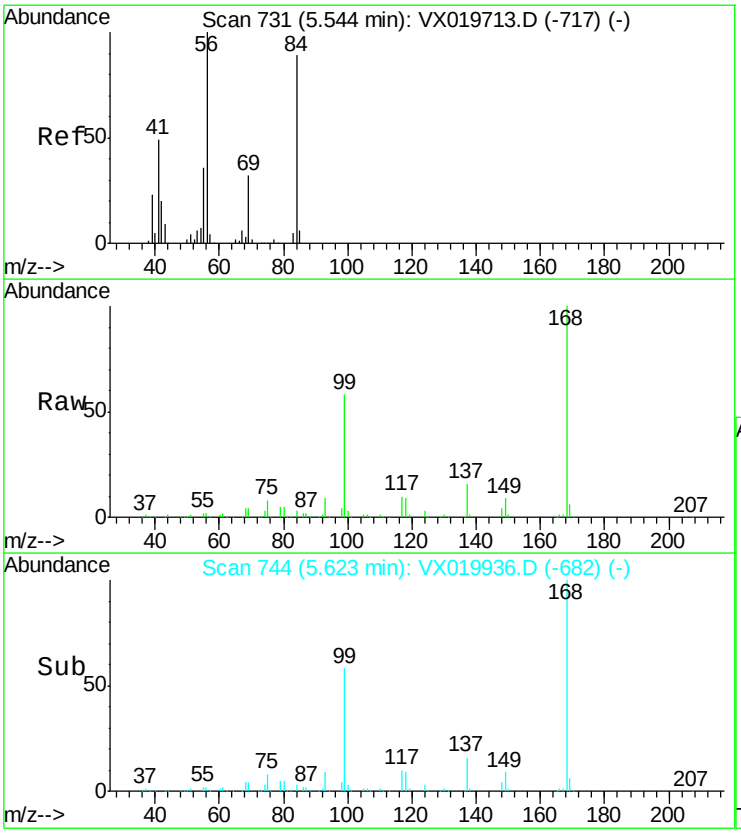
#29
Tetrahydrofuran
Concen: 0.739 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 42 Resp: 1117

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	28.4	38.4	57.6#

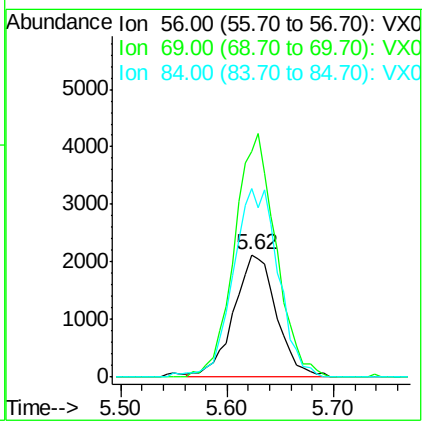


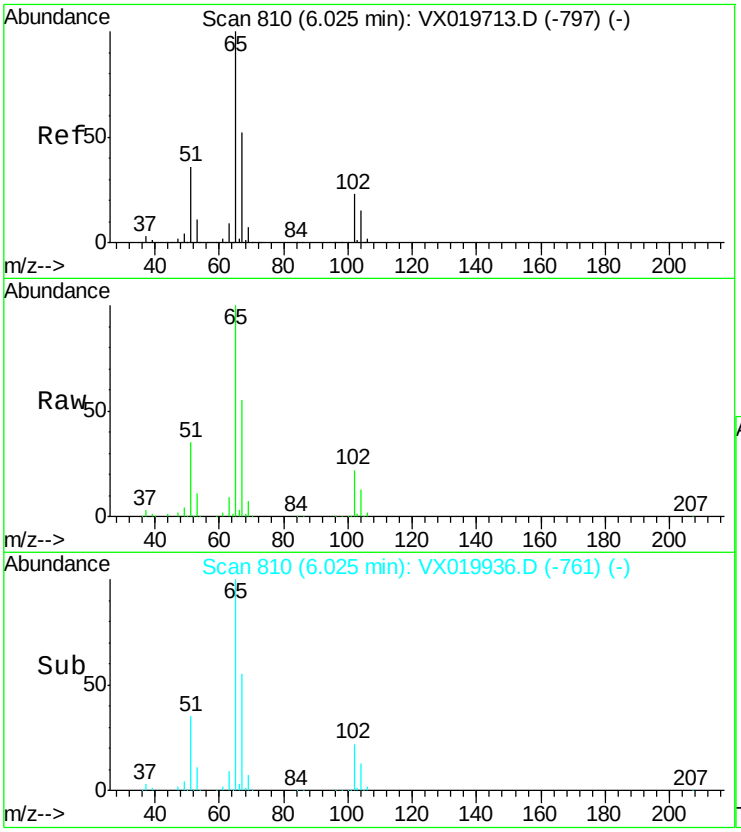


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 56 Resp: 5981

Ion	Ratio	Lower	Upper
56	100		
69	183.9	25.3	37.9#
84	153.7	71.4	107.0#



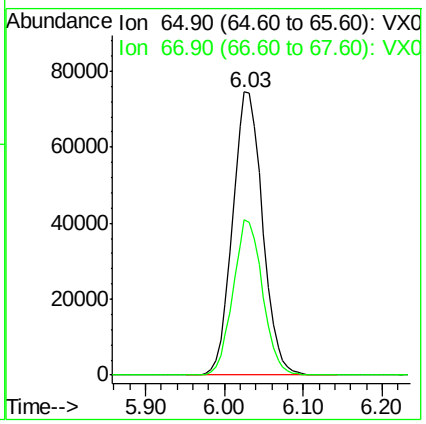


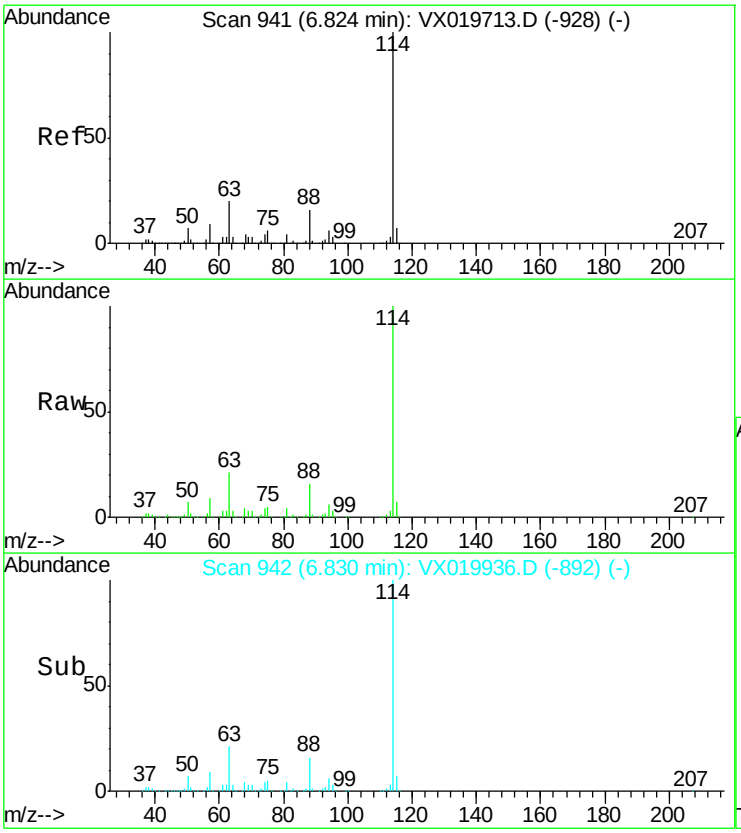
#33
1,2-Dichloroethane-d4
Concen: 48.651 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument : MSVOA_X
ClientSampleId : PB133501ZHE#19

Tgt Ion: 65 Resp: 197551

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	105.4

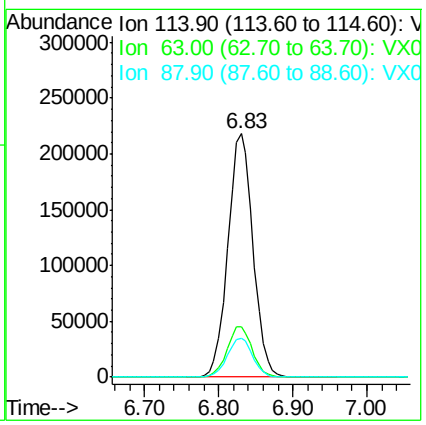


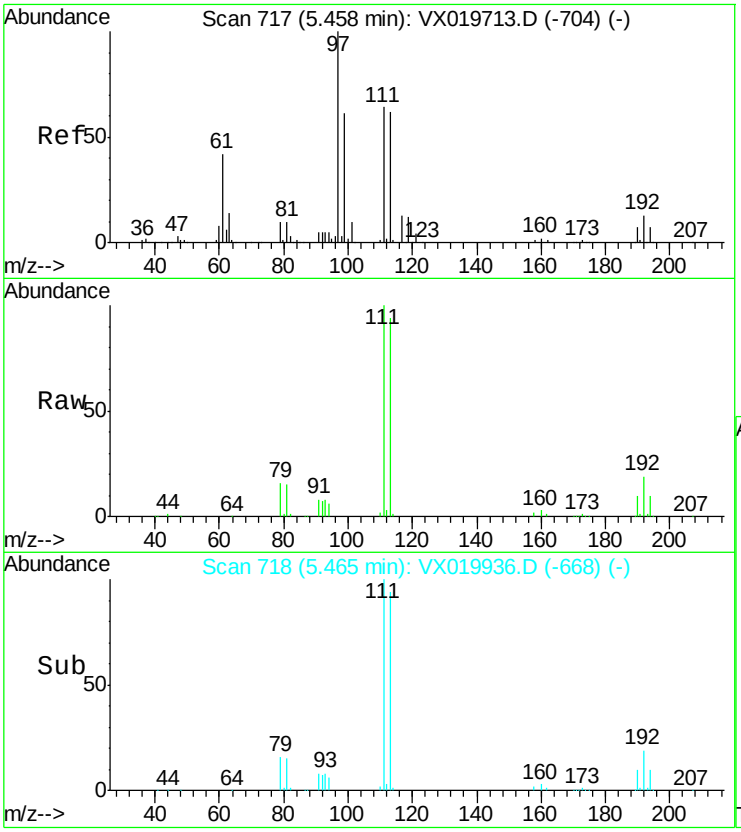


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion:114 Resp: 512639

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.2	0.0	32.8



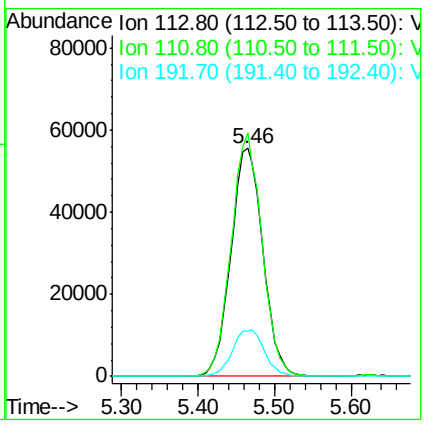


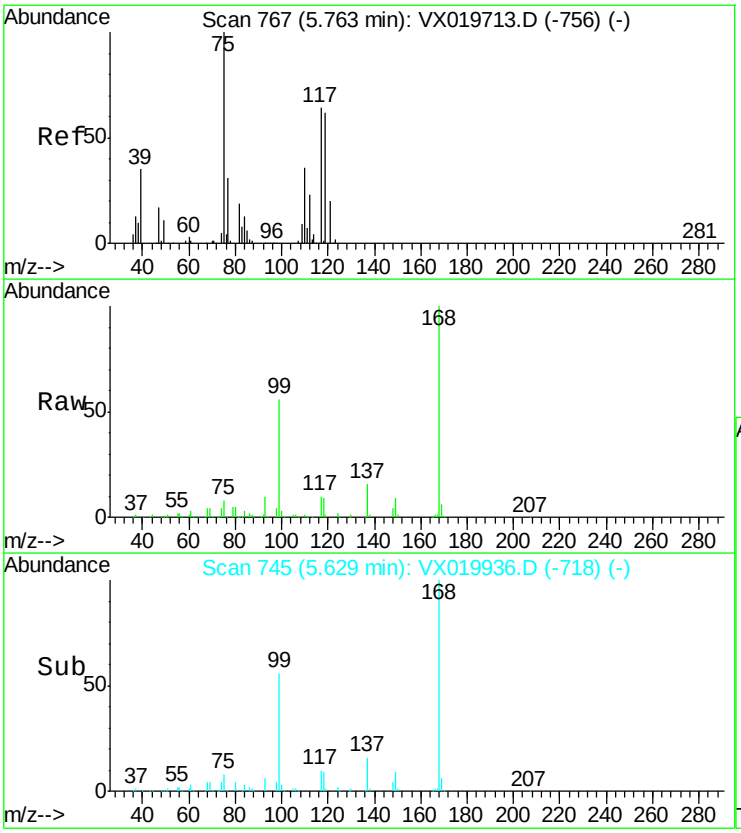
#35
Dibromofluoromethane
Concen: 48.429 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion:113 Resp: 160450

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	20.6	16.7	25.1

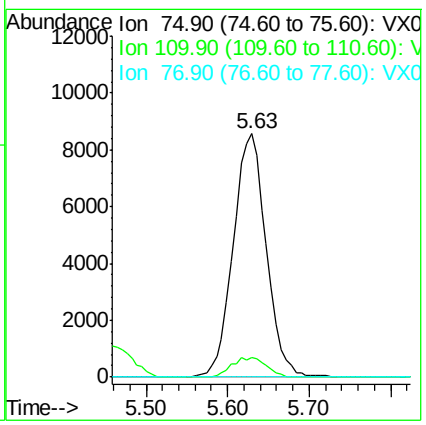


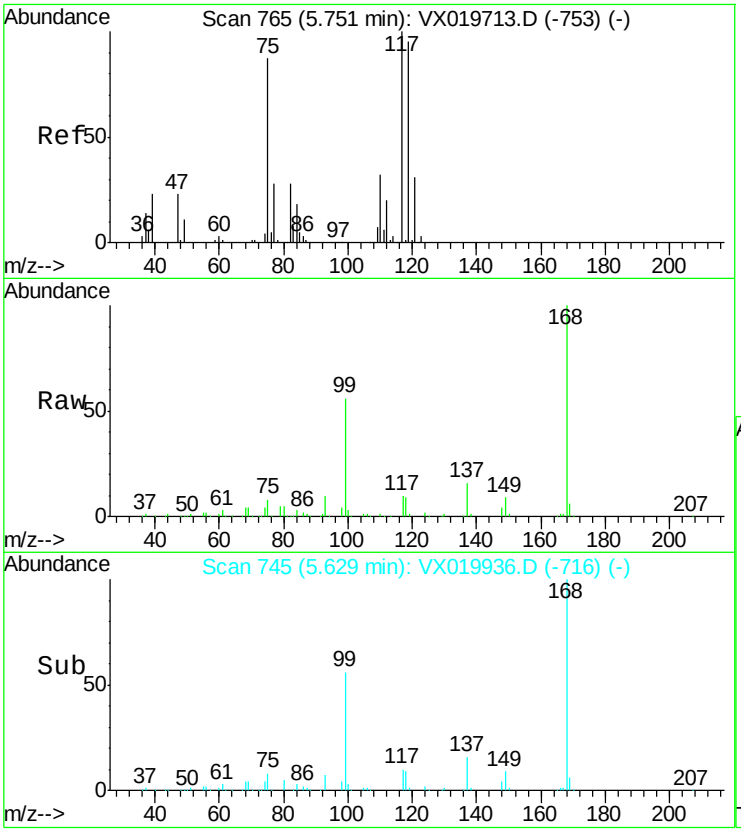


#36
1,1-Dichloropropene
Concen: 5.173 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 75 Resp: 23963

Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.4#
77	0.0	25.3	37.9#



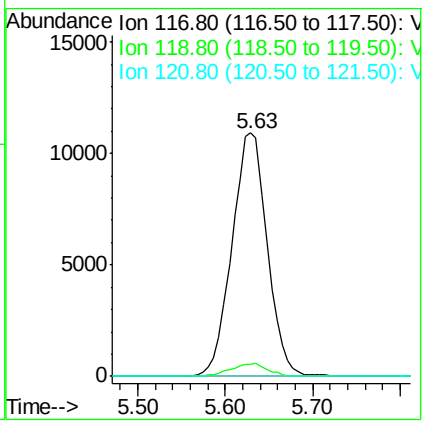


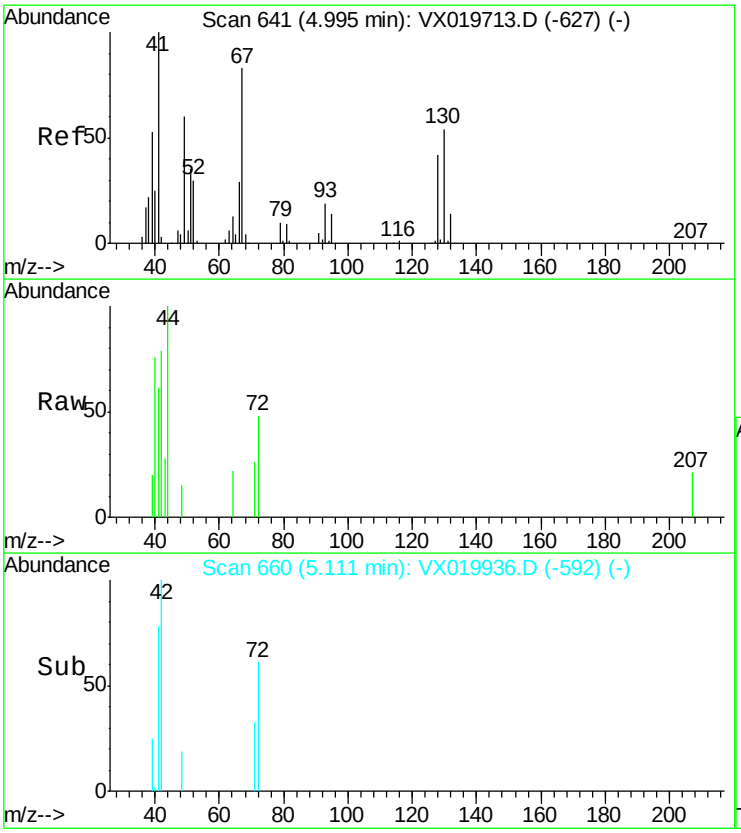
#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion:117 Resp: 30555

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.2	114.2#
121	0.0	24.8	37.2#

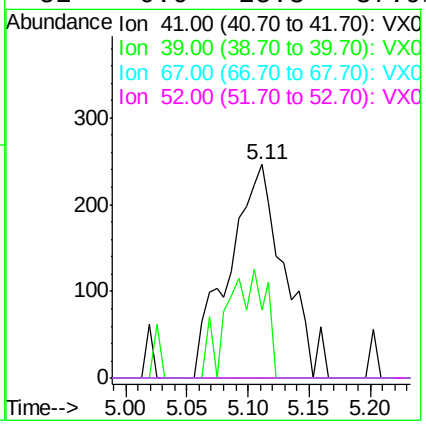


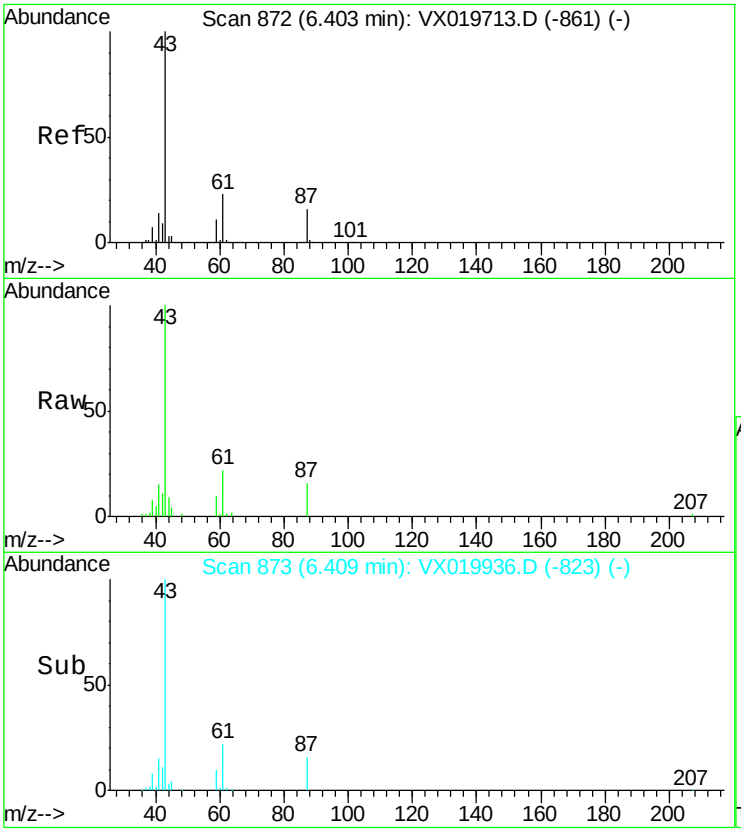


#41
Methacrylonitrile
Concen: 0.303 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.12 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 41 Resp: 779

Ion	Ratio	Lower	Upper
41	100		
39	20.5	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



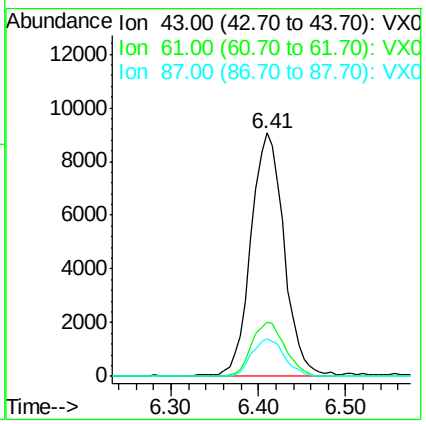


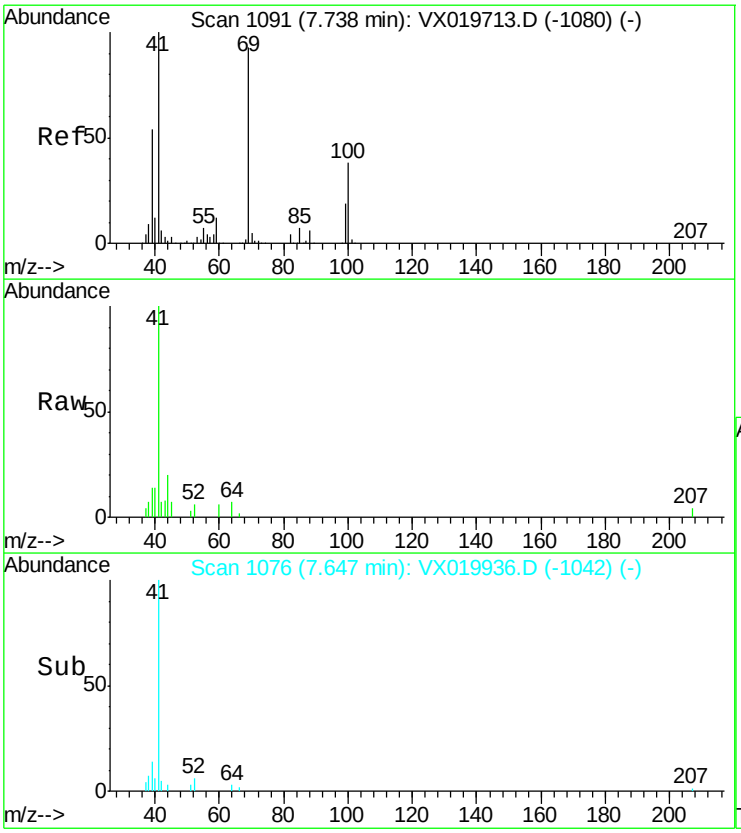
#43
Isopropyl Acetate
Concen: 3.154 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 43 Resp: 23983

Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.2	27.4
87	15.2	12.5	18.7

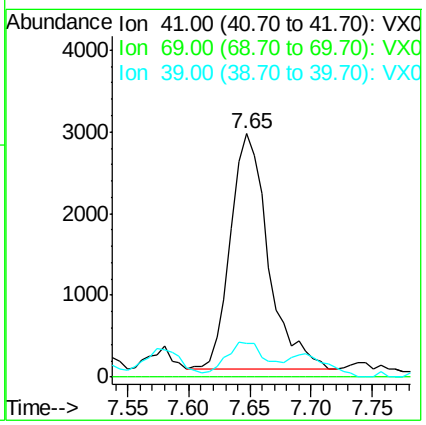


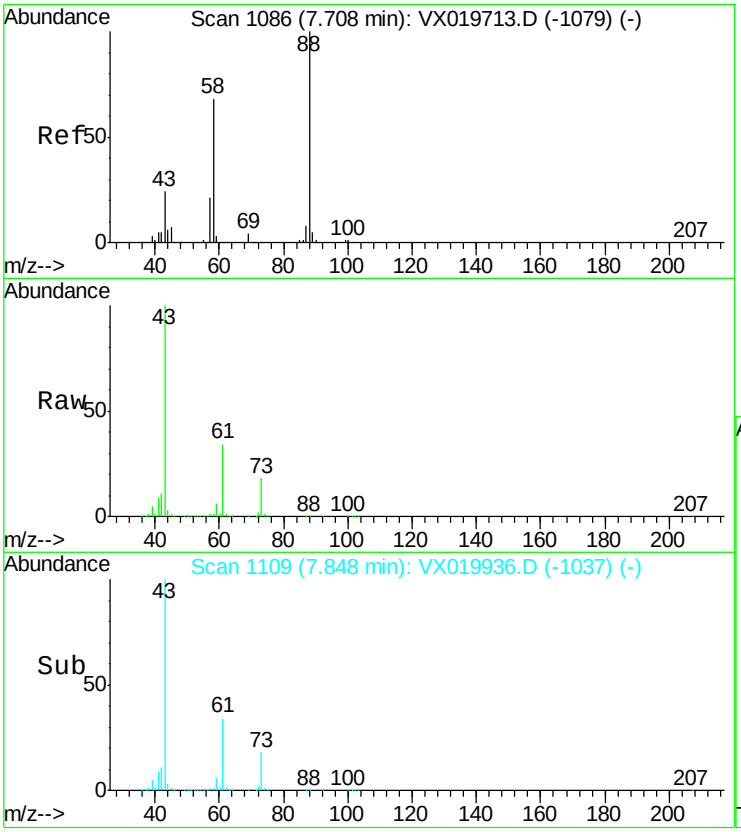


#48
Methyl methacrylate
Concen: 1.648 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 41 Resp: 6162

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



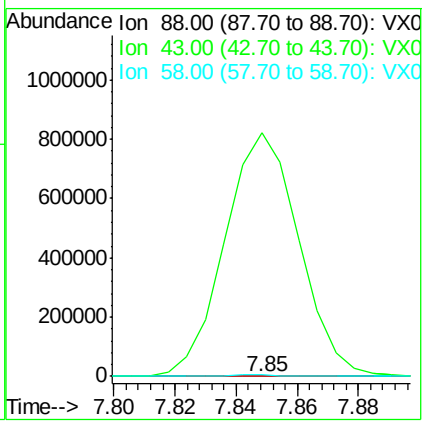


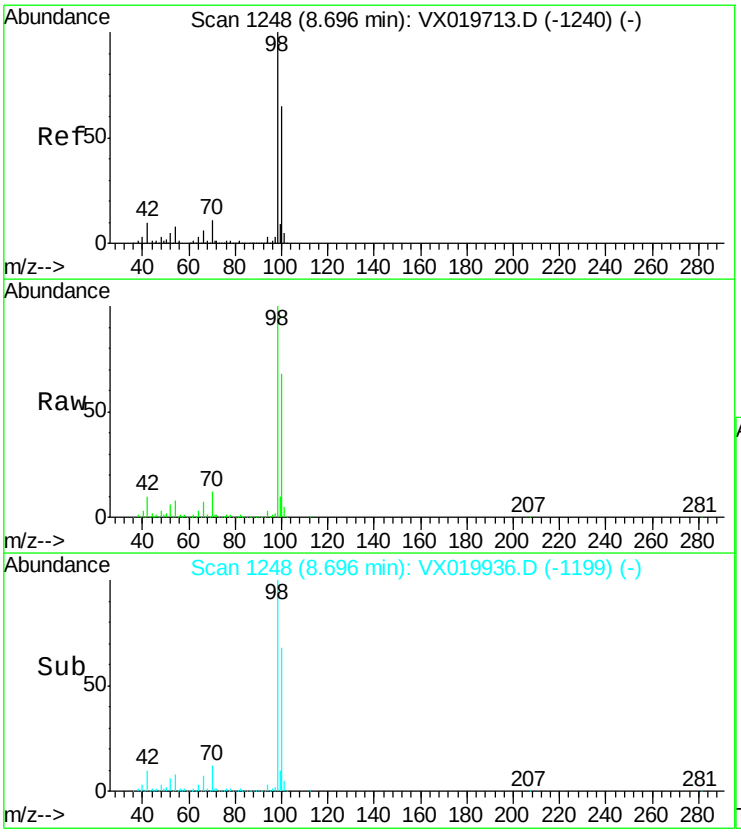
#49
1,4-Dioxane
Concen: 2.682 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 88 Resp: 243

Ion	Ratio	Lower	Upper
88	100		
43	572395.5	23.2	34.8#
58	2963.8	55.0	82.4#

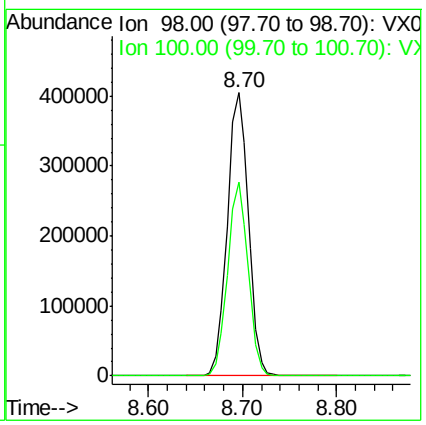


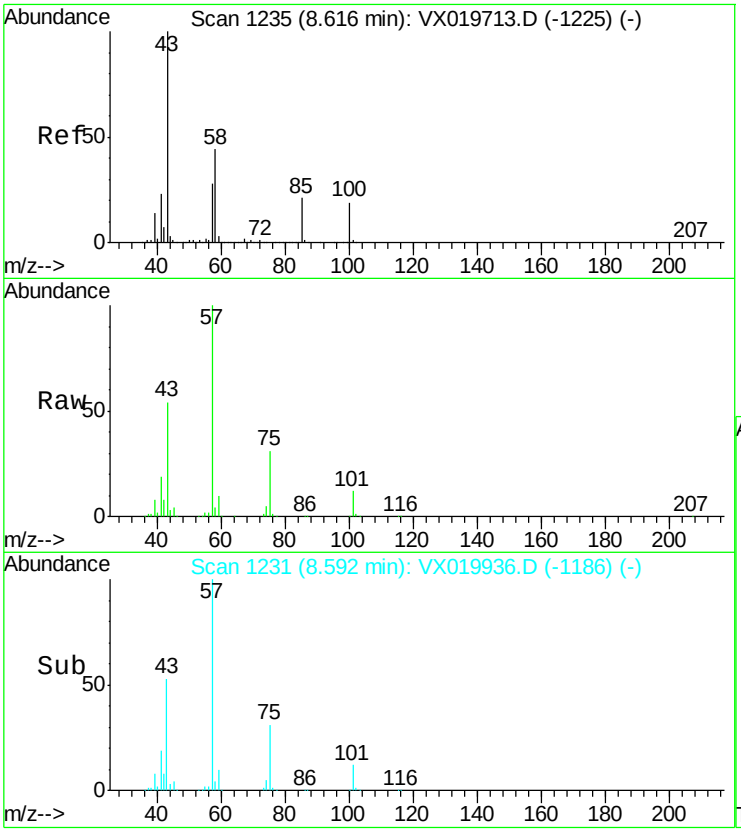


#50
Toluene-d8
Concen: 49.781 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 98 Resp: 629659

Ion	Ratio	Lower	Upper
98	100		
100	66.5	51.9	77.9



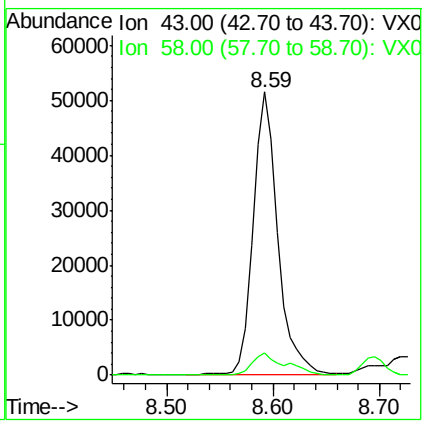


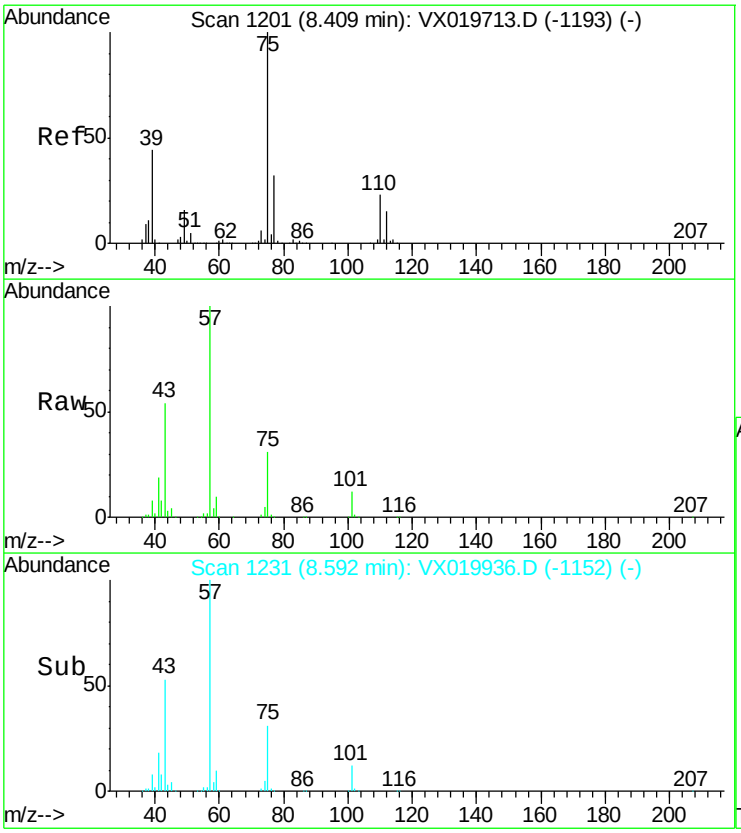
#51
4-Methyl-2-Pentanone
Concen: 17.874 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 43 Resp: 82979

Ion	Ratio	Lower	Upper
43	100		
58	10.3	35.4	53.0#

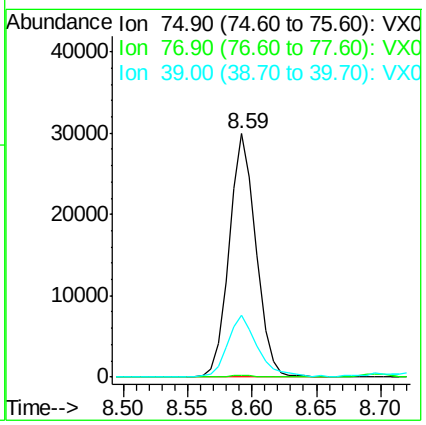


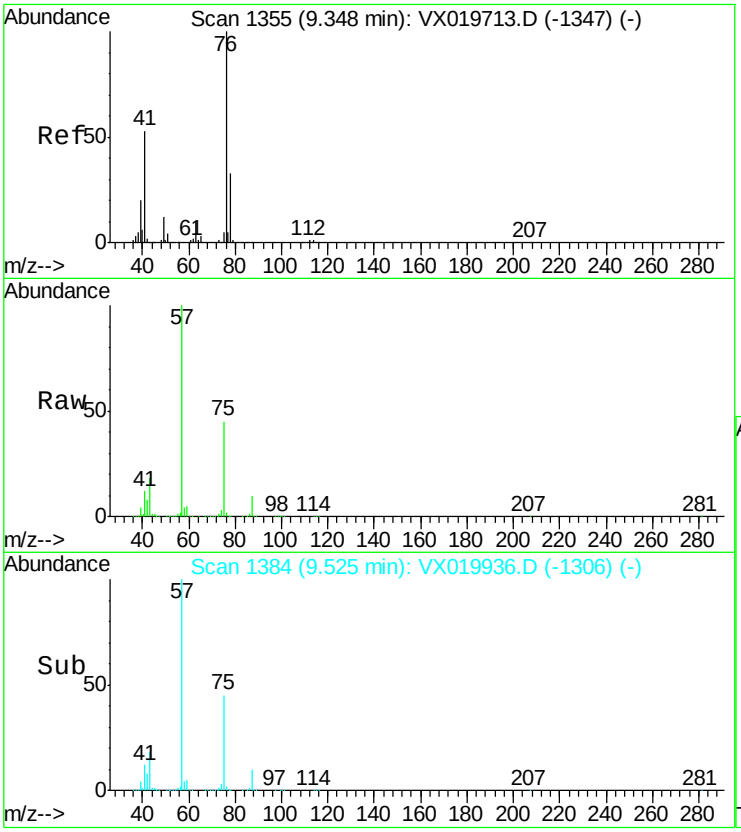


#54
cis-1,3-Dichloropropene
Concen: 7.617 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 75 Resp: 43518

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	25.5	35.1	52.7#



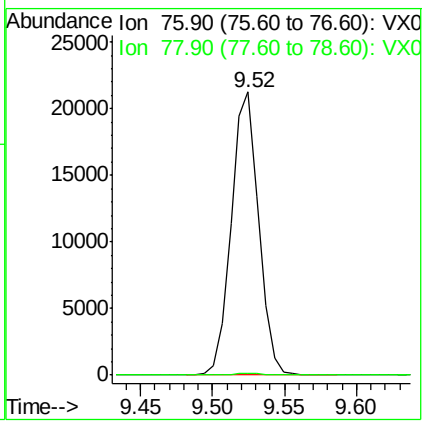


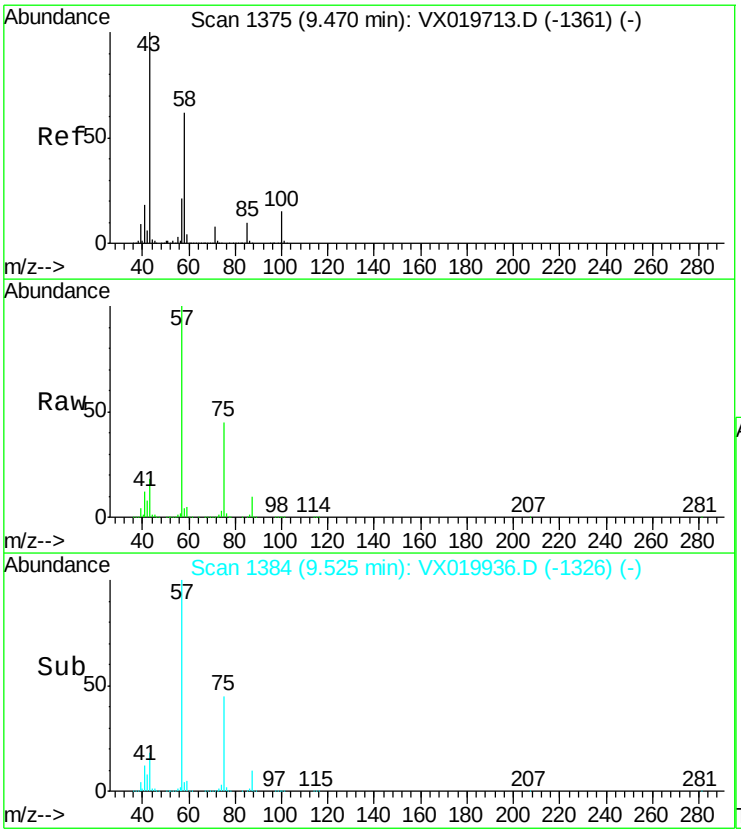
#57
1,3-Dichloropropane
Concen: 4.630 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion: 76 Resp: 28197

Ion	Ratio	Lower	Upper
76	100		
78	0.7	26.2	39.2#

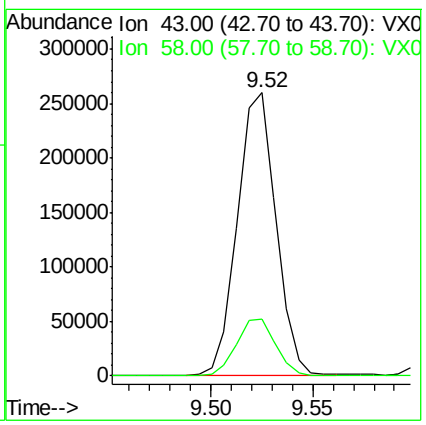


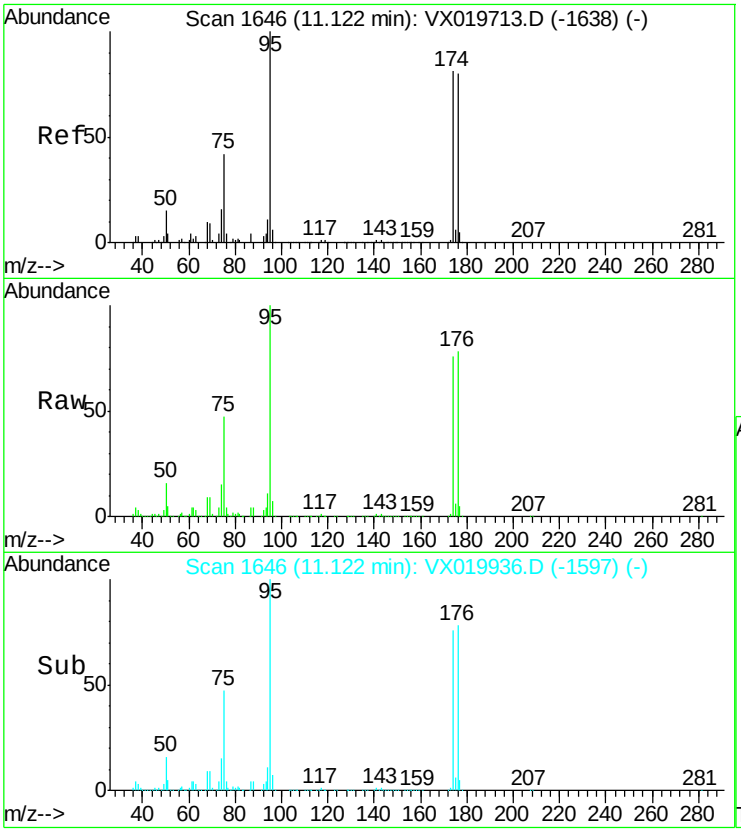


#59
2-Hexanone
Concen: 94.530 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 43 Resp: 340176

Ion	Ratio	Lower	Upper
43	100		
58	20.7	30.9	92.8#



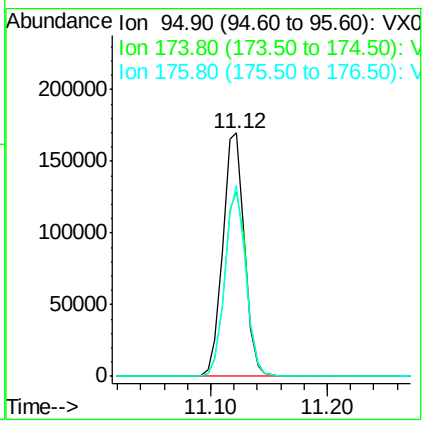


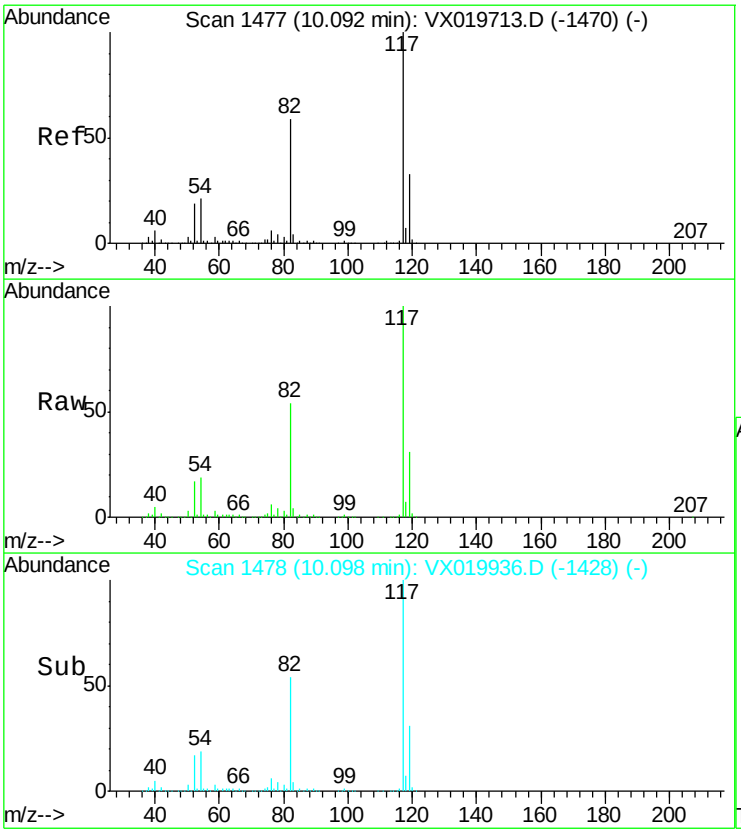
#62
4-Bromofluorobenzene
Concen: 45.083 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument : MSVOA_X
ClientSampleId : PB133501ZHE#19

Tgt Ion: 95 Resp: 217041

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	154.6
176	75.2	0.0	155.8

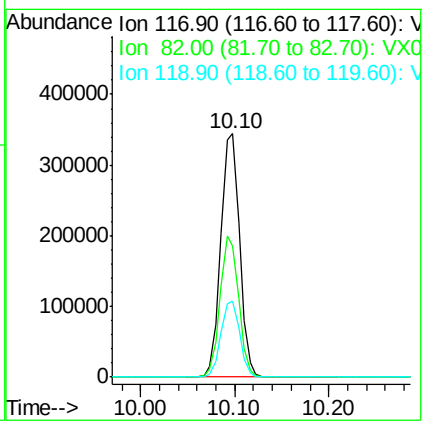


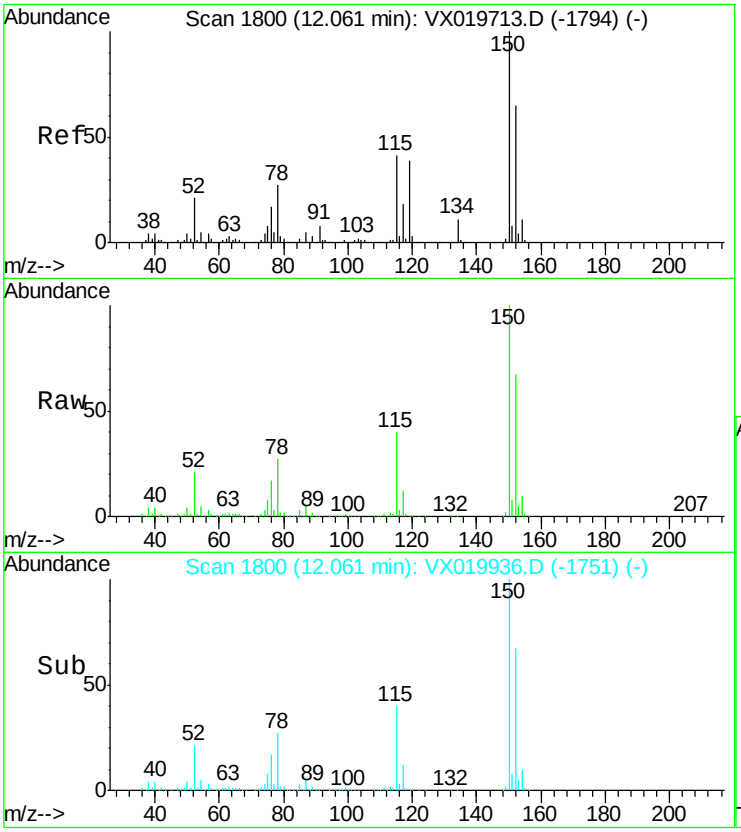


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion:117 Resp: 477029

Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.4	71.2
119	31.1	26.6	39.8



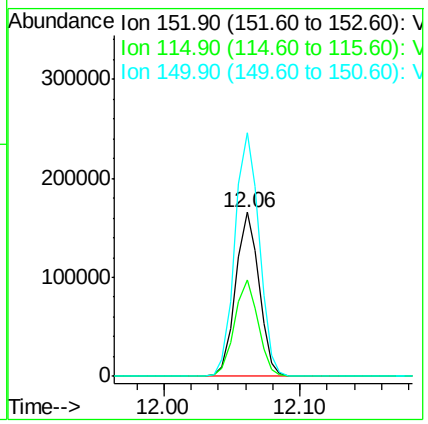


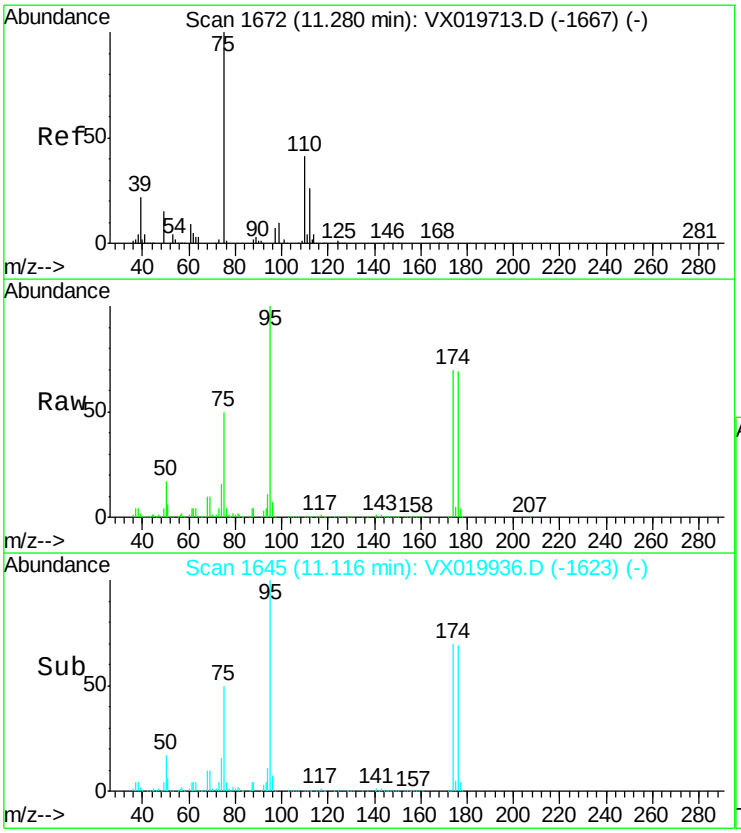
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion:152 Resp: 199189

Ion	Ratio	Lower	Upper
152	100		
115	59.5	41.1	123.3
150	153.8	0.0	349.0

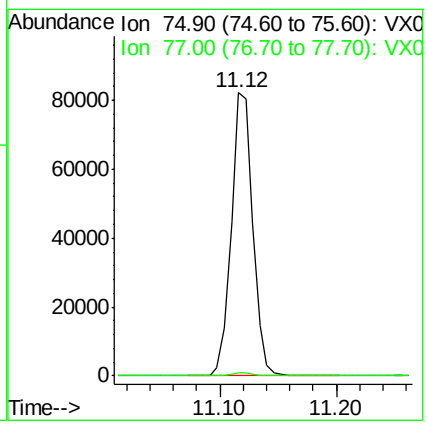


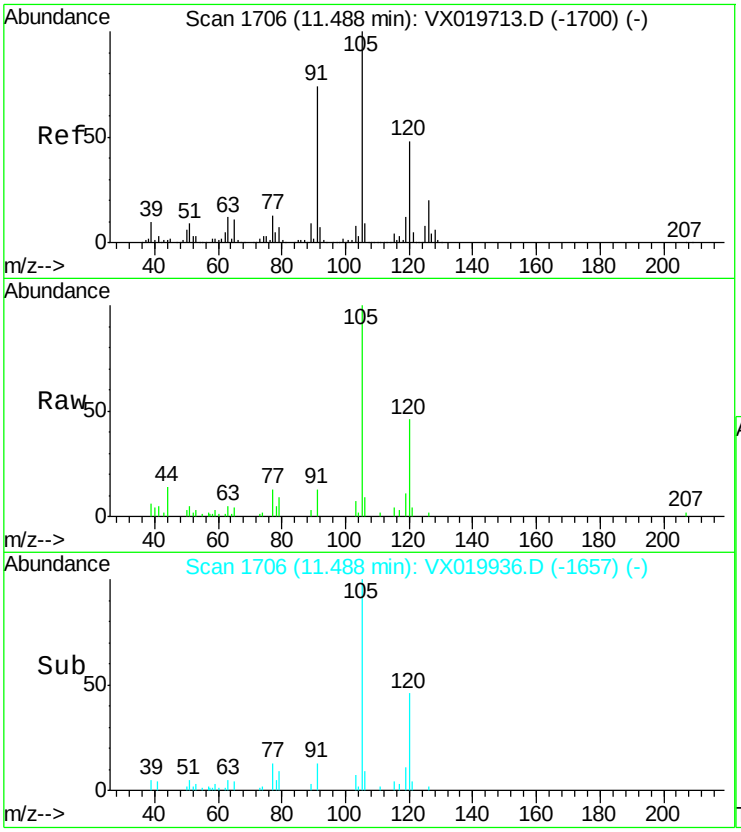


#76
1,2,3-Trichloropropane
Concen: 23.555 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 75 Resp: 105232

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



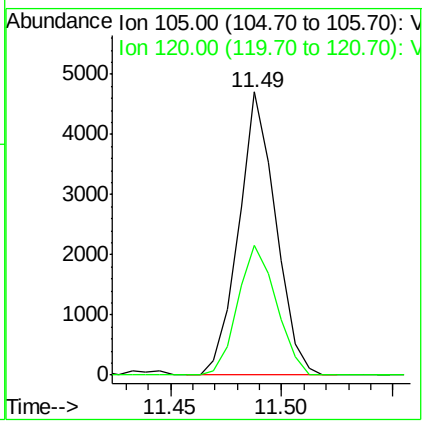


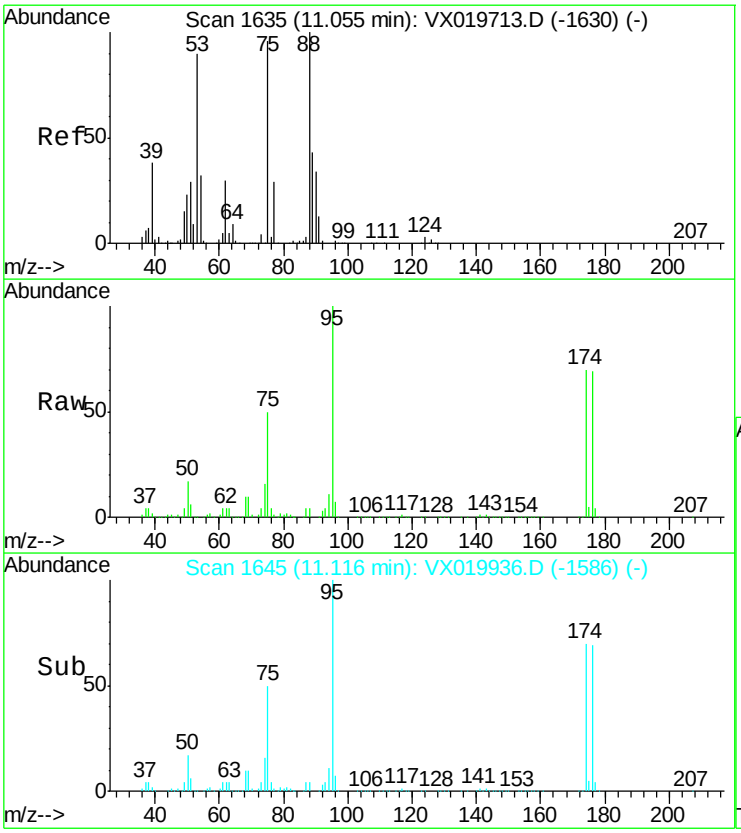
#80
1,3,5-Trimethylbenzene
Concen: 0.475 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
PB133501ZHE#19

Tgt Ion:105 Resp: 5460

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 68.094 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019936.D
Acq: 12 Dec 2020 16:47

Tgt Ion: 75 Resp: 105232

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