Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019853.D
Acq On : 11 Dec 2020 03:07
Operator : JC/MD
Sample : L4983-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TR2-A-TOP

Quant Time: Dec 11 05:38:37 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	327104	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	554297	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.09	117	513299	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	218143	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	211762	49.26	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.52%				
35) Dibromofluoromethane	5.46	113	170547	47.61	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.22%				
50) Toluene-d8	8.70	98	682912	49.93	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.86%				
62) 4-Bromofluorobenzene	11.12	95	232094	44.59	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.18%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	608	0.493	ug/l		83
11) Tert butyl alcohol	3.00	59	5990	4.208	ug/l	#	74
13) Acrolein	2.27	56	176	0.371	ug/l	#	72
16) Acetone	2.42	43	25767	15.946	ug/l		99
18) Methyl Acetate	2.75	43	2156	0.545	ug/l	#	87
20) Methylene Chloride	2.84	84	32395	7.575	ug/l		99
25) 2-Butanone	4.63	43	4040	1.627	ug/l		97
29) Tetrahydrofuran	5.10	42	1106	0.691	ug/l	#	84
31) Cyclohexane	5.62	56	6284	1.175	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	25244	5.040	ug/l	#	49
38) Carbon Tetrachloride	5.64	117	32739	6.675	ug/l	#	16
41) Methacrylonitrile	5.10	41	689	0.248	ug/l	#	32
43) Isopropyl Acetate	6.41	43	23198	2.821	ug/l		97
48) Methyl methacrylate	7.65	41	6804	1.683	ug/l	#	10
49) 1,4-Dioxane	7.85	88	174	1.776	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	81788	16.293	ug/l	#	47
54) cis-1,3-Dichloropropene	8.59	75	43108	6.978	ug/l	#	59
57) 1,3-Dichloropropane	9.52	76	23977	3.641	ug/l	#	43
59) 2-Hexanone	9.52	43	291344	74.876	ug/l	#	47
76) 1,2,3-Trichloropropane	11.12	75	112576	23.010	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.12	75	112576	66.517	ug/l	#	12

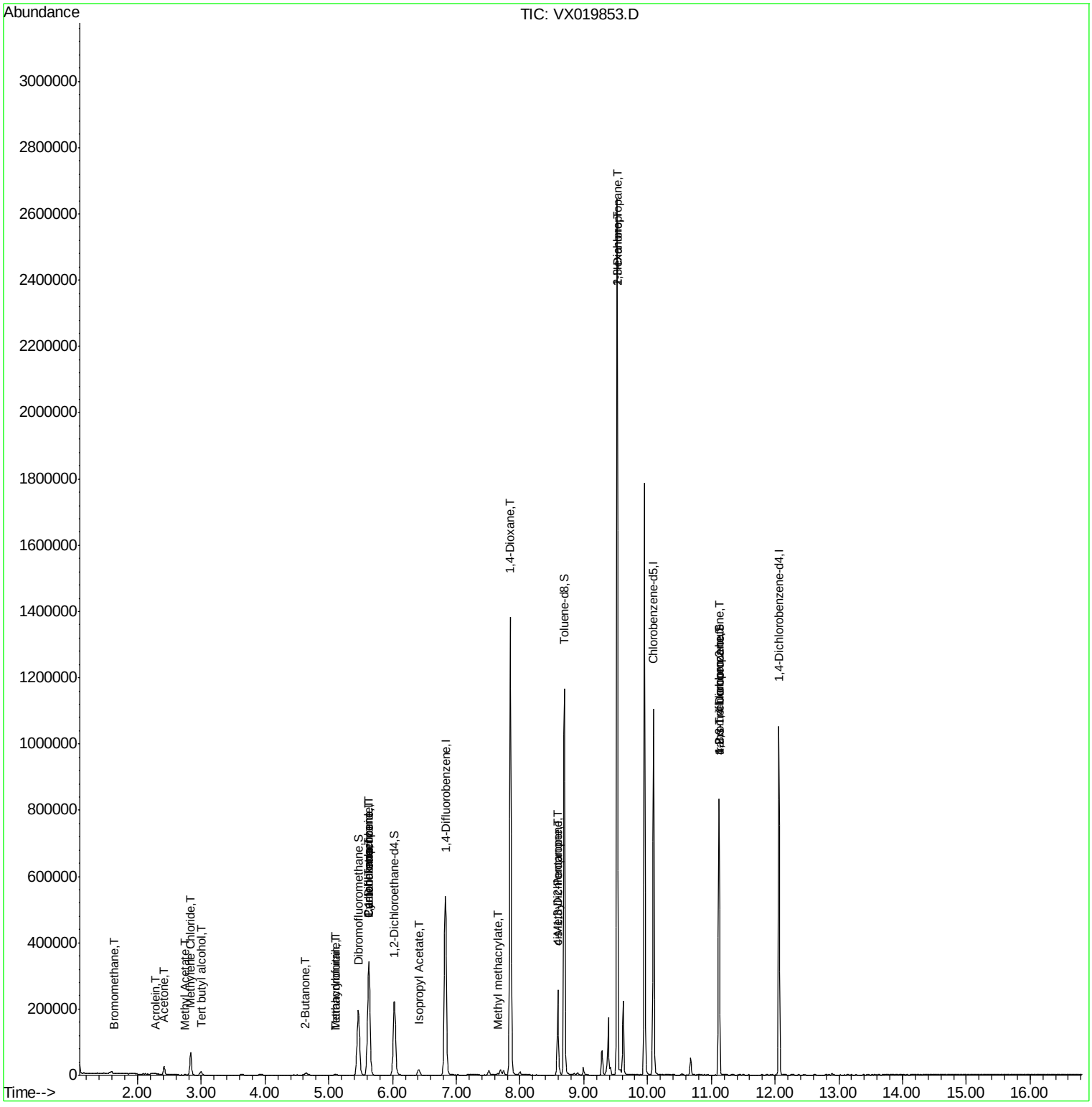
(#) = qualifier out of range (m) = manual integration (+) = signals summed

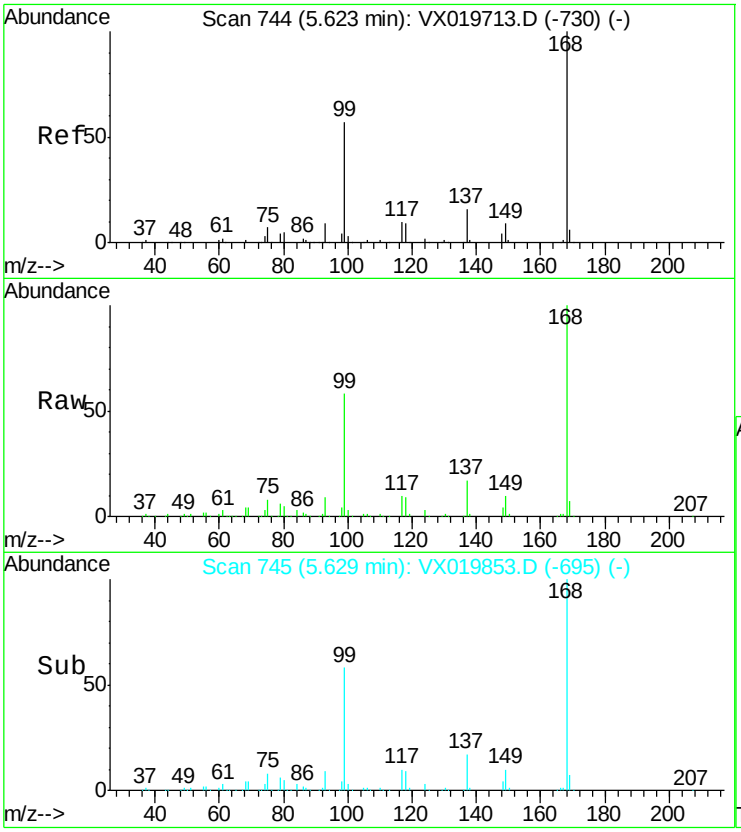
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
Data File : VX019853.D
Acq On : 11 Dec 2020 03:07
Operator : JC/MD
Sample : L4983-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Quant Time: Dec 11 05:38:37 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



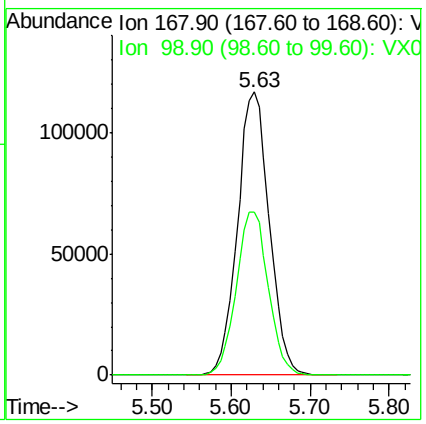


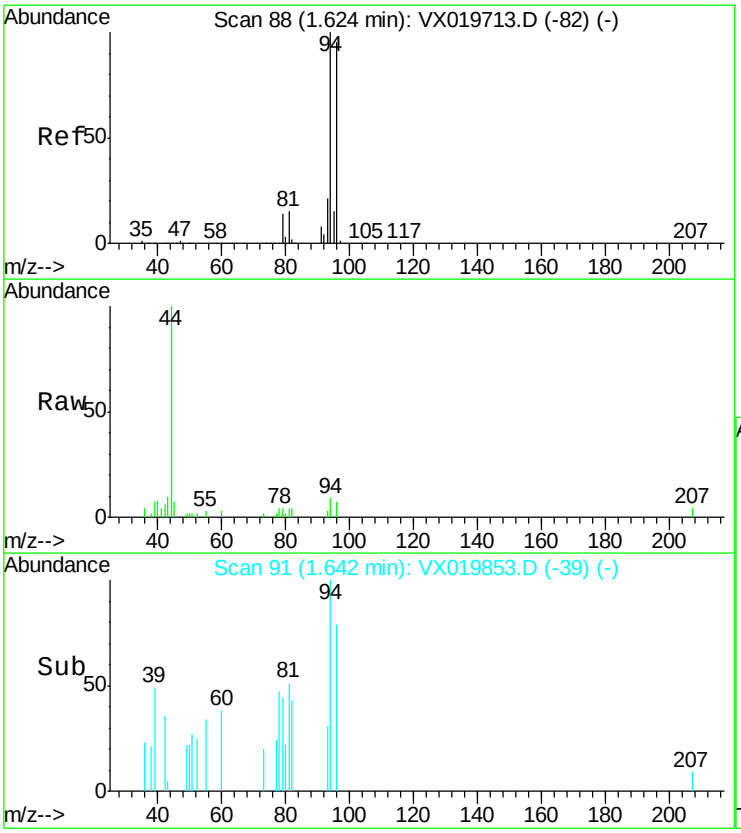
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion:168 Resp: 327104

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.8	68.6

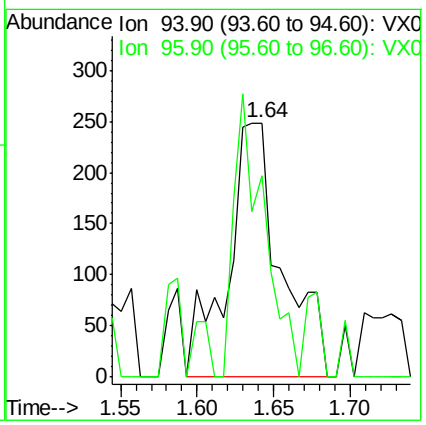


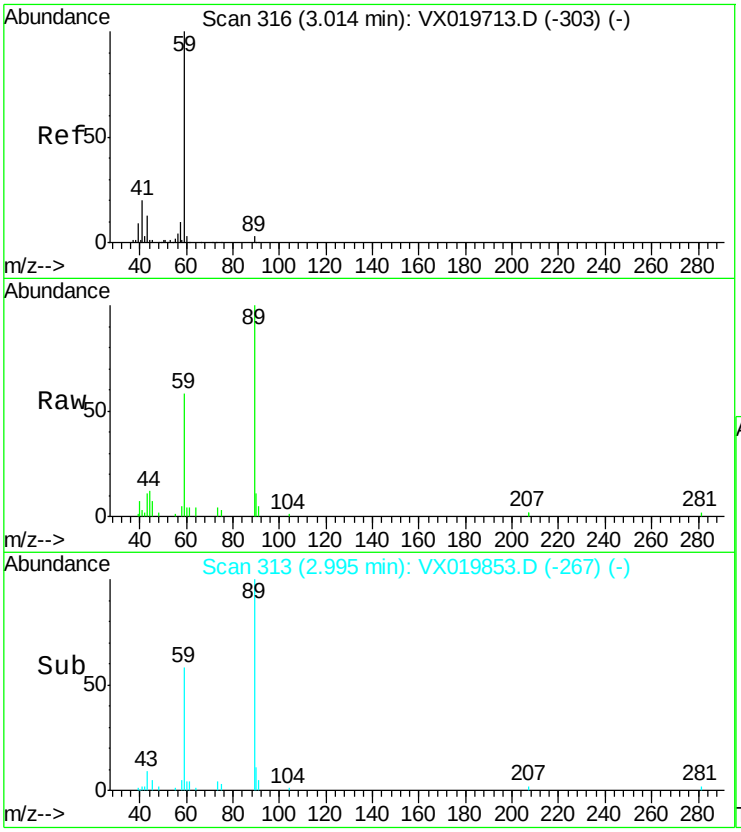


#5
Bromomethane
Concen: 0.493 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 94 Resp: 608

Ion	Ratio	Lower	Upper
94	100		
96	79.1	76.4	114.6



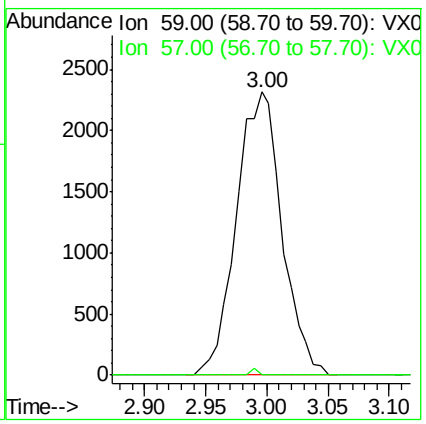


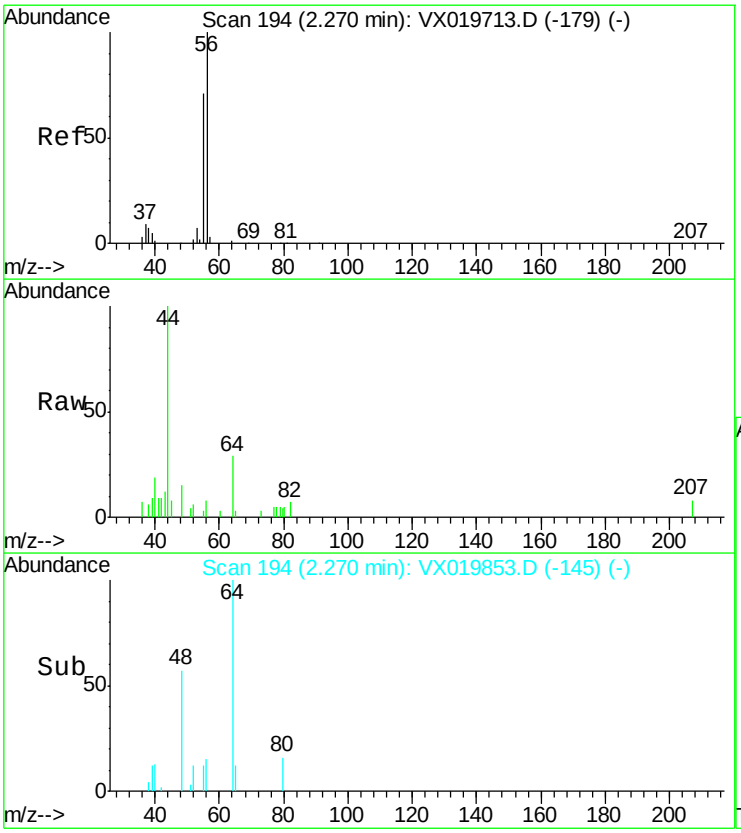
#11
Tert butyl alcohol
Concen: 4.208 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 59 Resp: 5990

Ion	Ratio	Lower	Upper
59	100		
57	0.3	7.8	11.8#

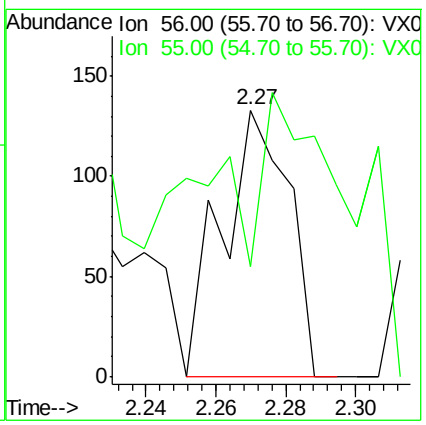


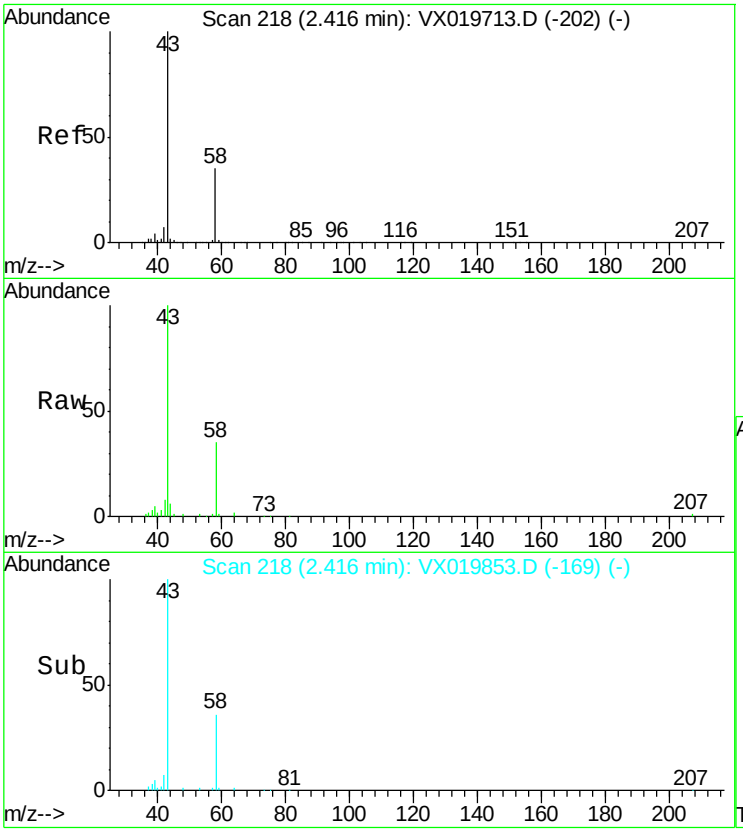


#13
Acrolein
Concen: 0.371 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 56 Resp: 176

Ion	Ratio	Lower	Upper
56	100		
55	93.8	56.4	84.6#



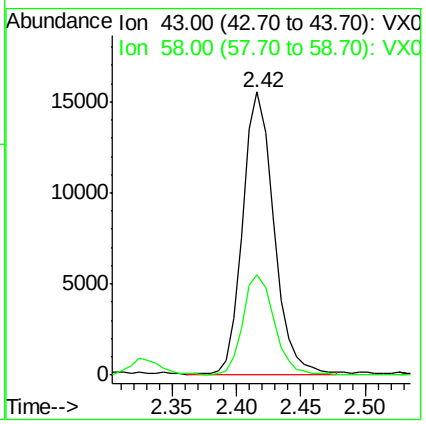


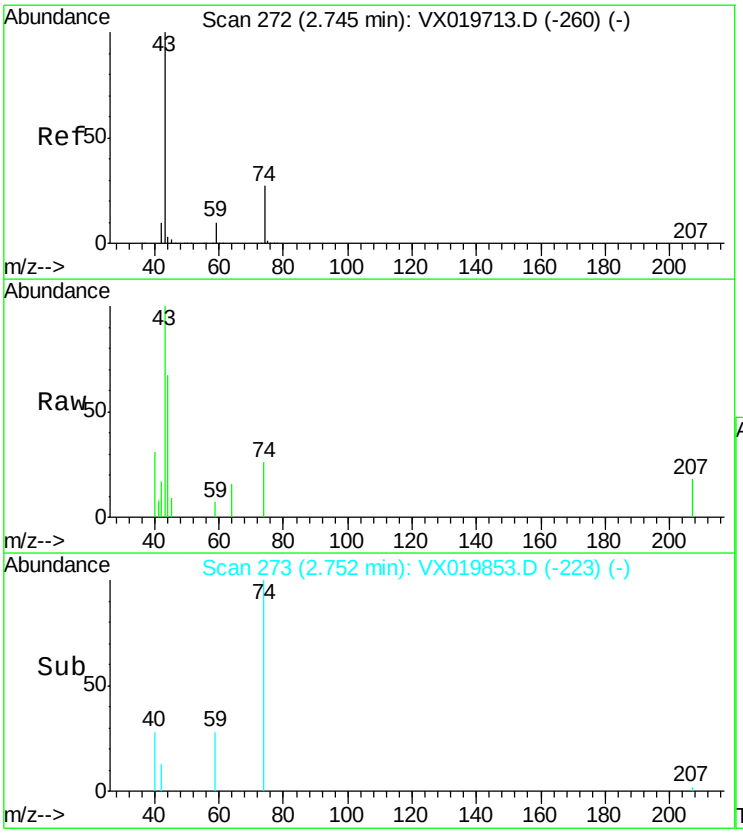
#16
Acetone
Concen: 15.946 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 43 Resp: 25767

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.8	41.8

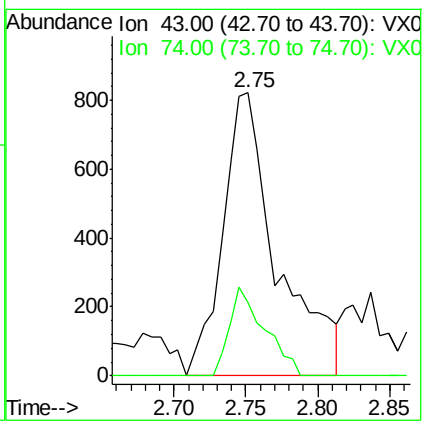


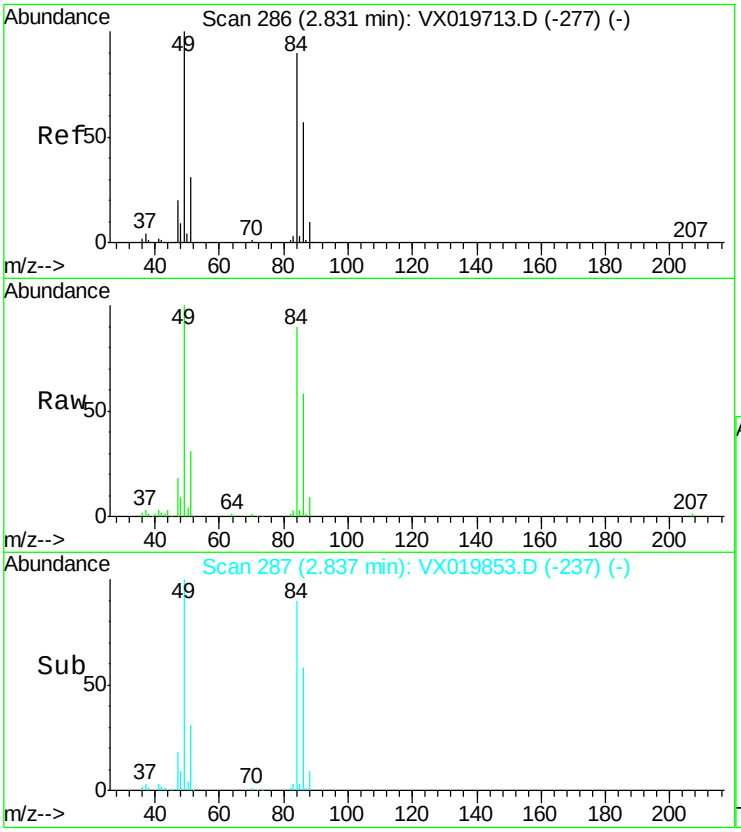


#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 43 Resp: 2156

Ion	Ratio	Lower	Upper
43	100		
74	20.5	21.9	32.9#



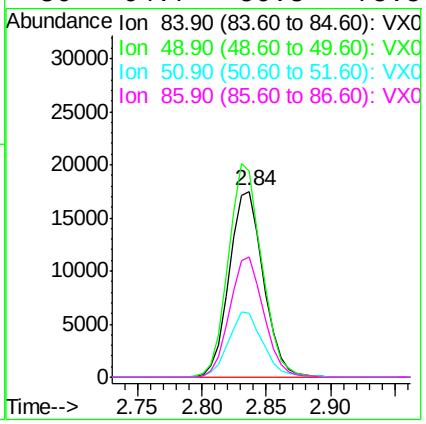


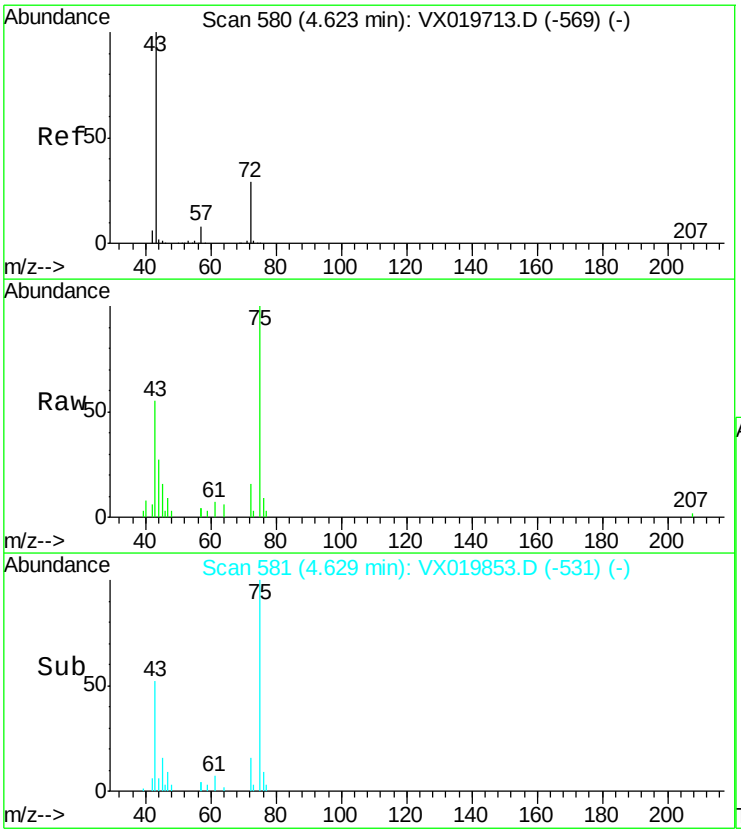
#20
Methylene Chloride
Concen: 7.575 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 84 Resp: 32395

Ion	Ratio	Lower	Upper
84	100		
49	110.7	88.6	132.8
51	34.4	27.0	40.6
86	64.7	50.3	75.5

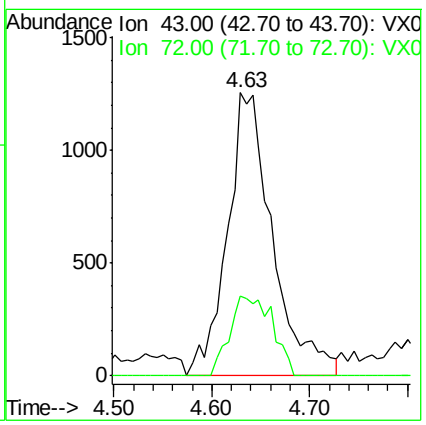


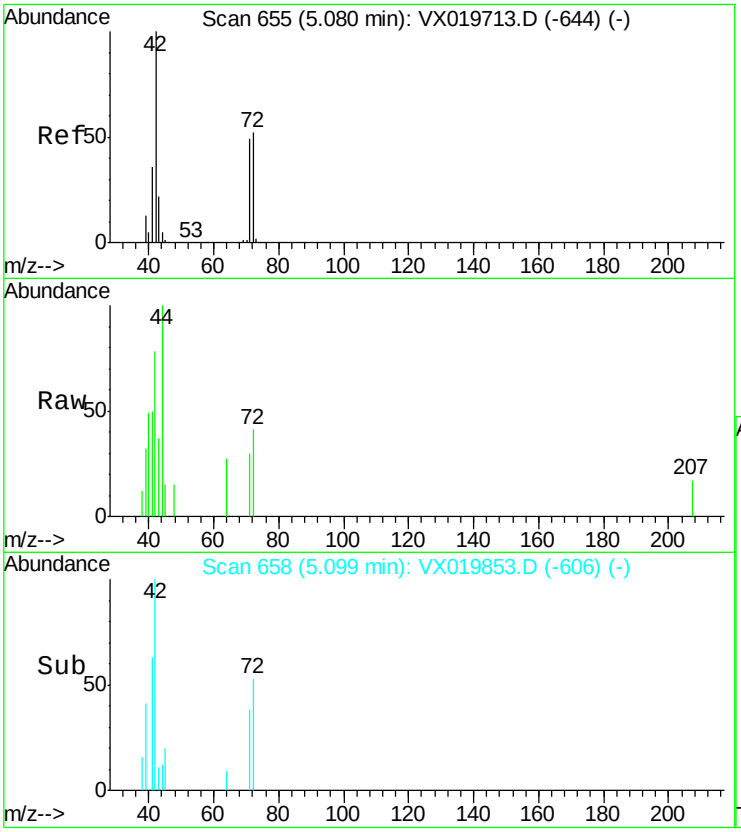


#25
2-Butanone
Concen: 1.627 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 43 Resp: 4040

Ion	Ratio	Lower	Upper
43	100		
72	28.2	23.7	35.5



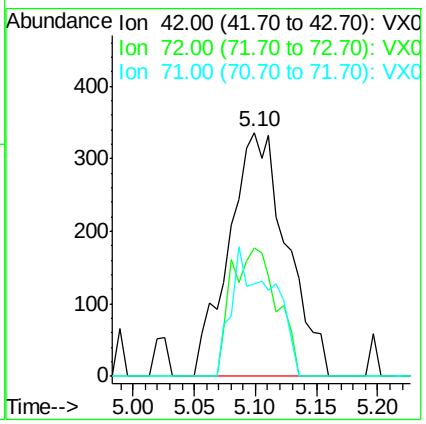


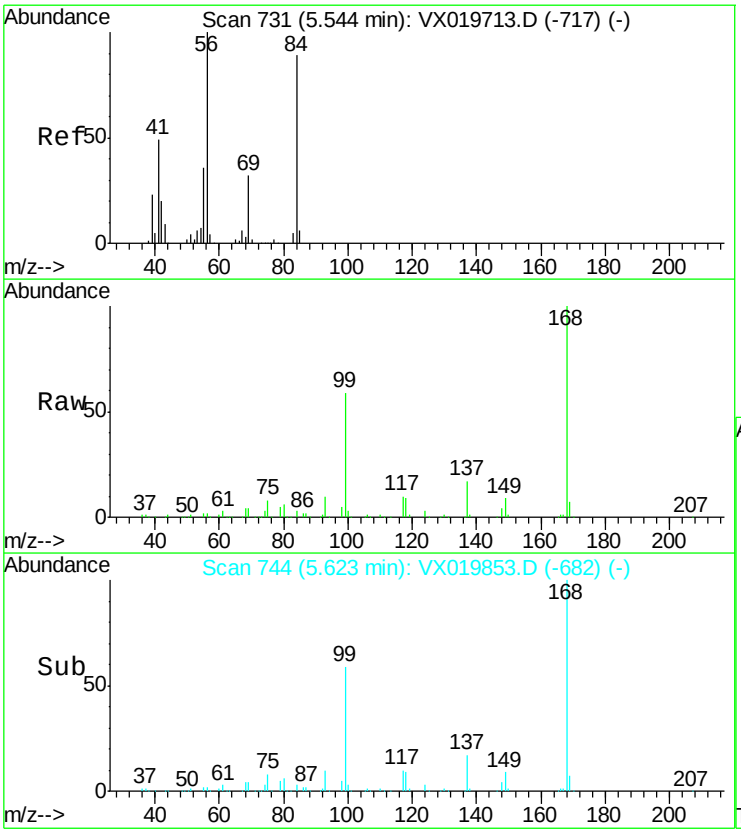
#29
Tetrahydrofuran
Concen: 0.691 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument : MSVOA_X
ClientSampleId : TR2-A-TOP

Tgt Ion: 42 Resp: 1106

Ion	Ratio	Lower	Upper
42	100		
72	41.4	41.7	62.5#
71	37.0	38.4	57.6#

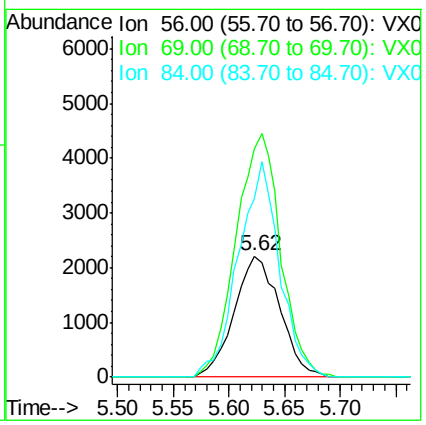


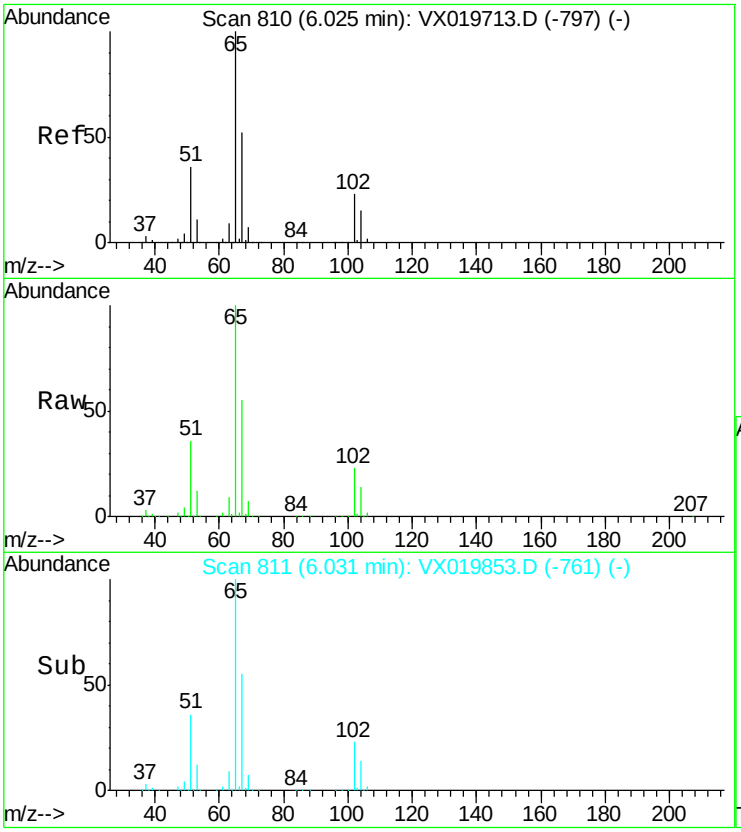


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 56 Resp: 6284

Ion	Ratio	Lower	Upper
56	100		
69	188.2	25.3	37.9#
84	147.2	71.4	107.0#



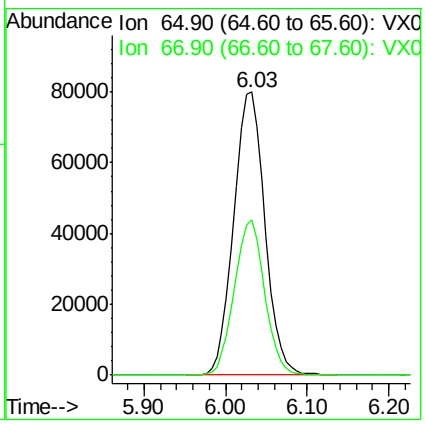


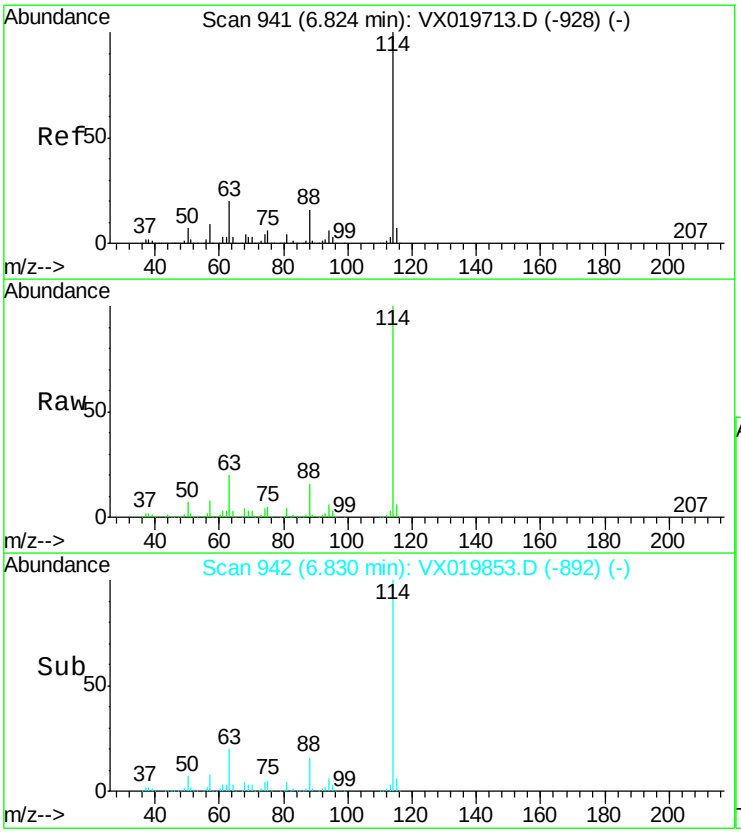
#33
1,2-Dichloroethane-d4
Concen: 49.257 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 65 Resp: 211762

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.4

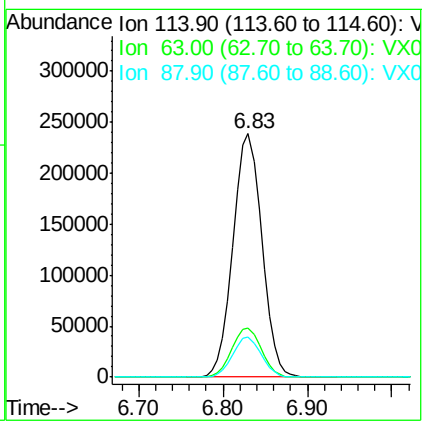


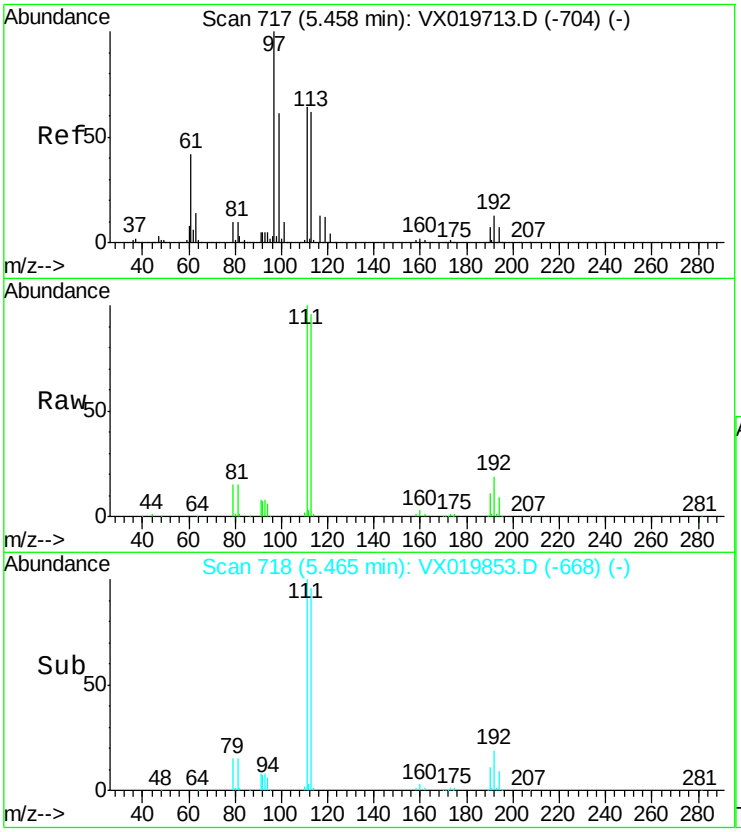


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion:114 Resp: 554297

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.4	0.0	32.8



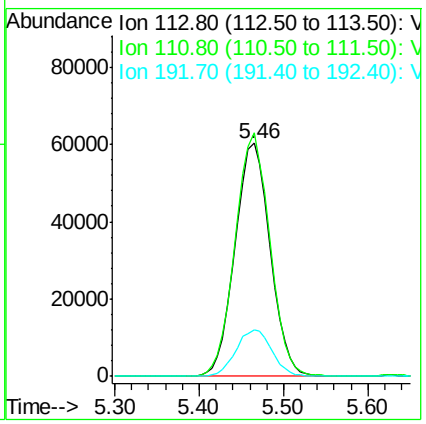


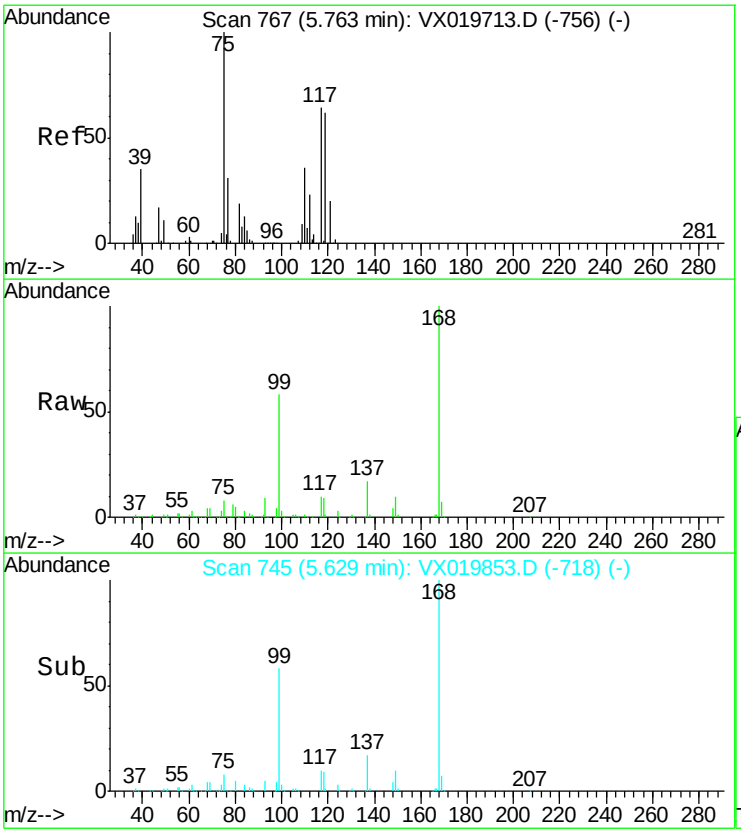
#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion:113 Resp: 170547

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	20.3	16.7	25.1

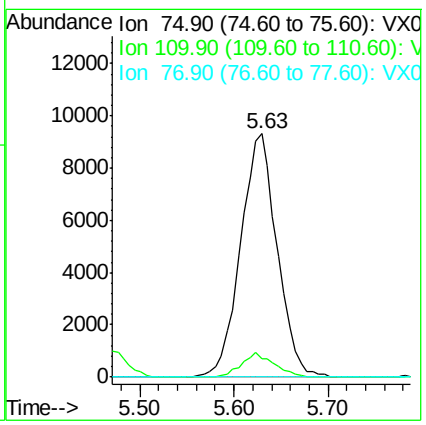


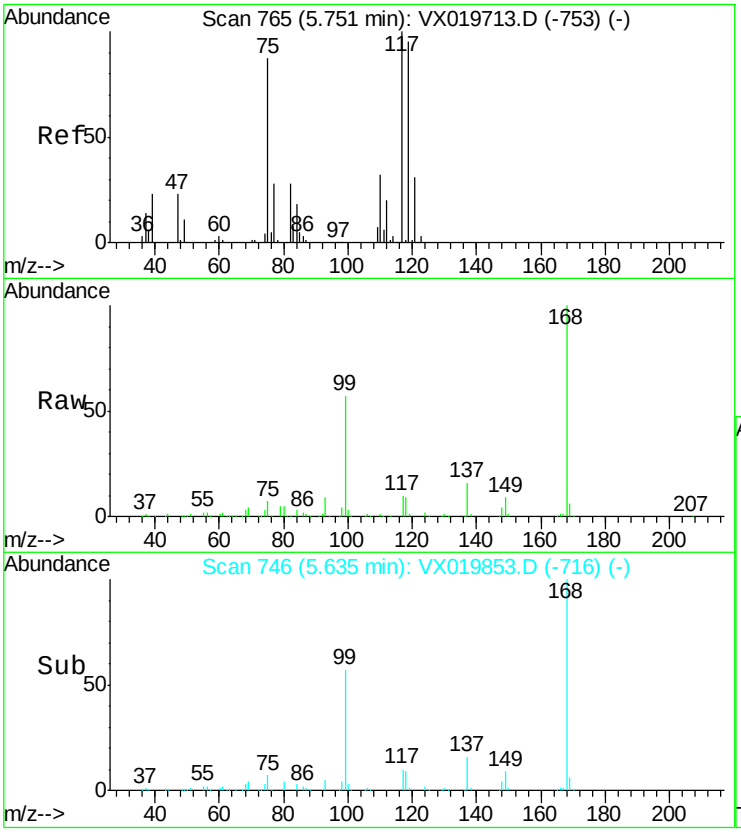


#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 75 Resp: 25244

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#



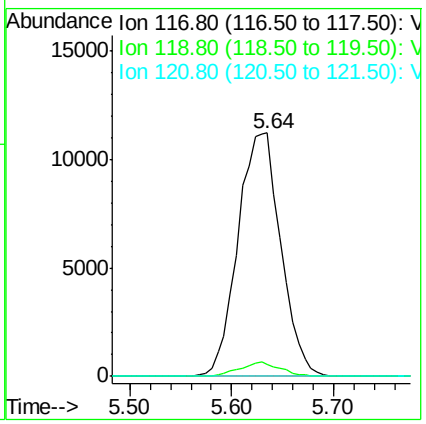


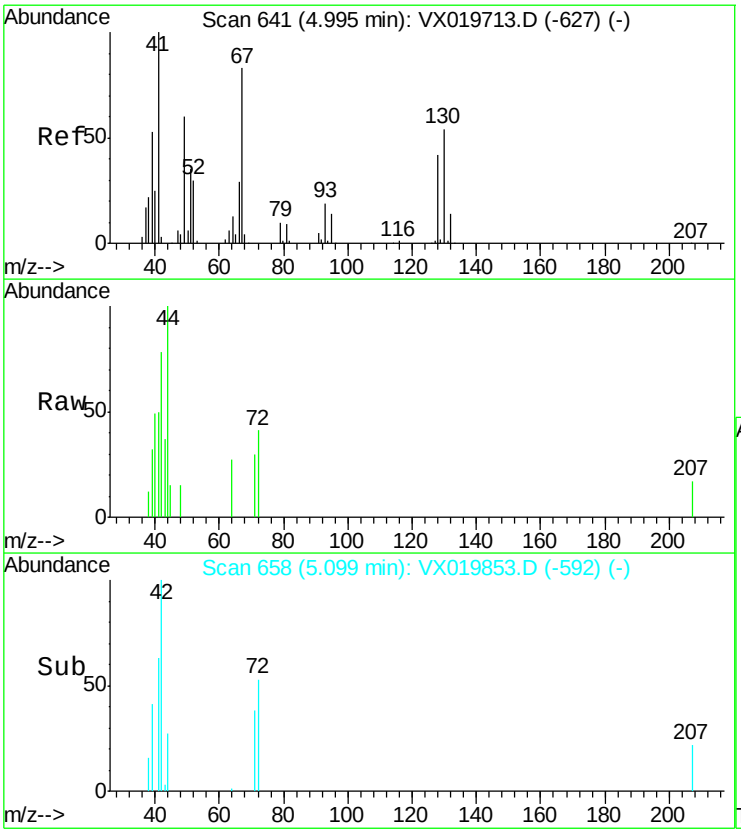
#38
Carbon Tetrachloride
Concen: 6.675 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion:117 Resp: 32739

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

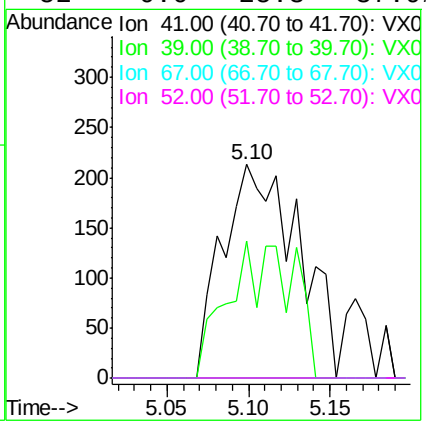


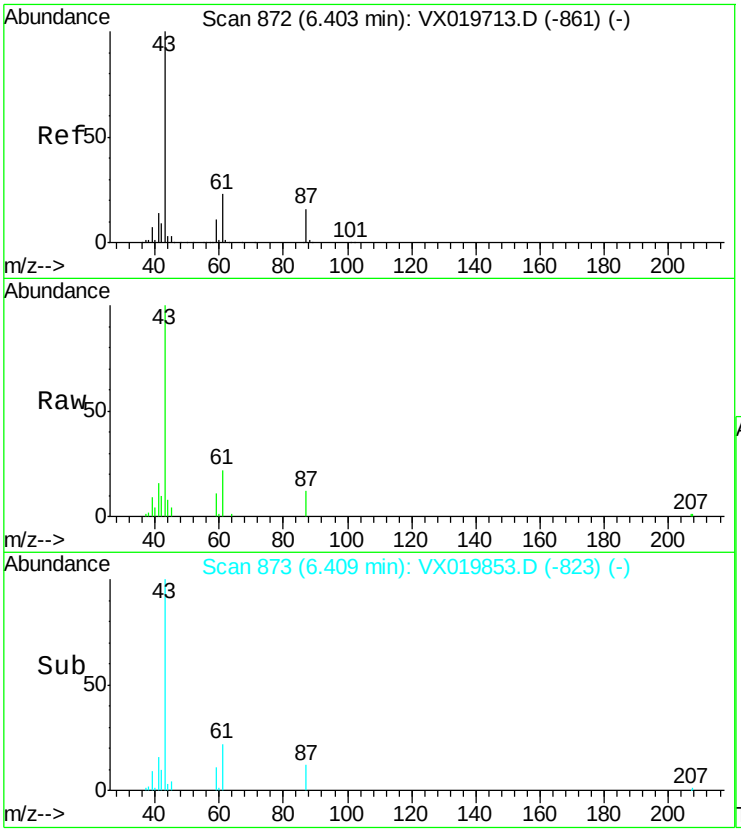


#41
Methacrylonitrile
Concen: 0.248 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.10 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 41 Resp: 689

Ion	Ratio	Lower	Upper
41	100		
39	26.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



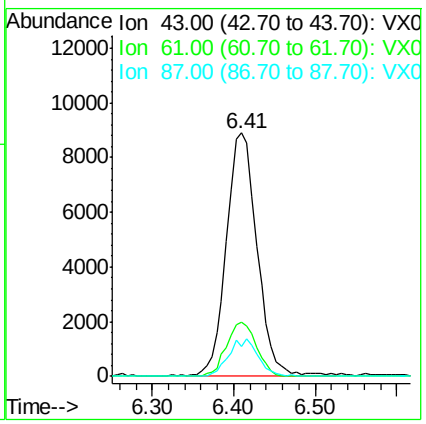


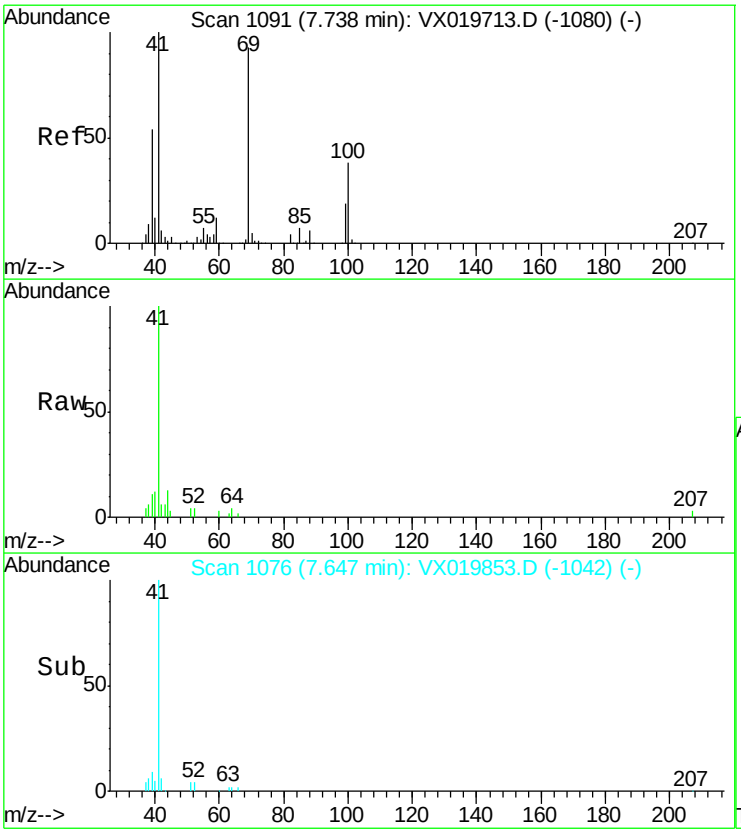
#43
Isopropyl Acetate
Concen: 2.821 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 43 Resp: 23198

Ion	Ratio	Lower	Upper
43	100		
61	21.4	18.2	27.4
87	14.4	12.5	18.7

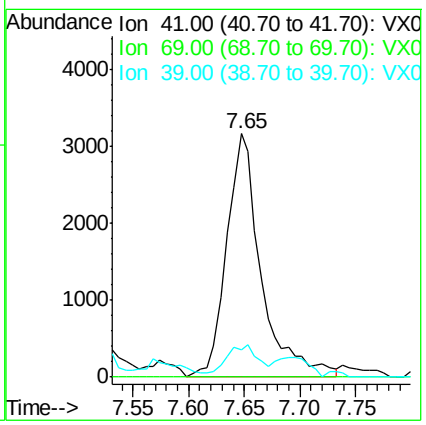


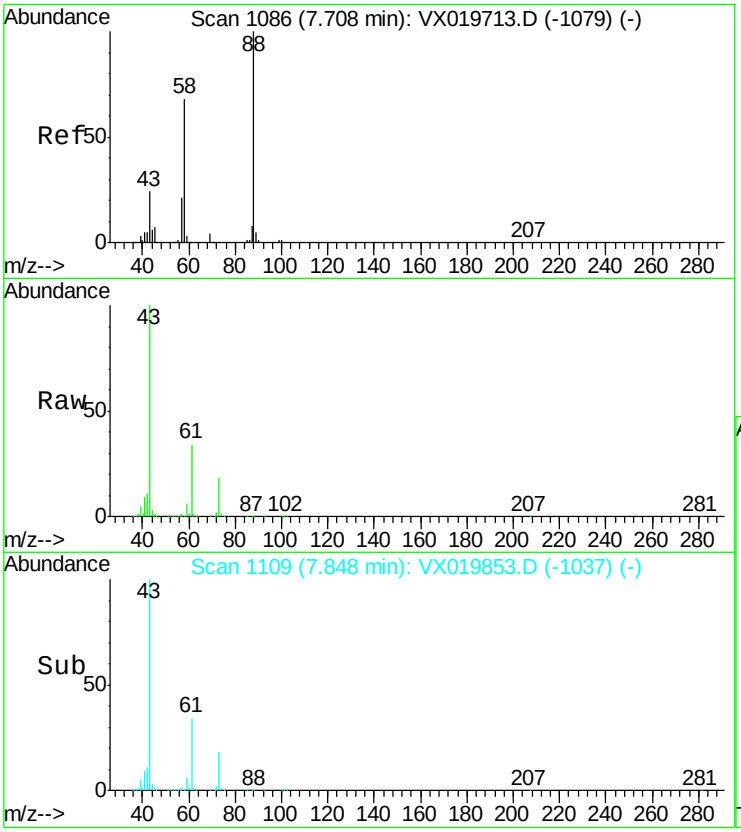


#48
Methyl methacrylate
Concen: 1.683 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 41 Resp: 6804

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



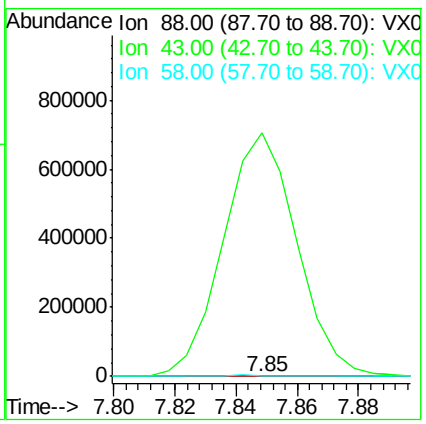


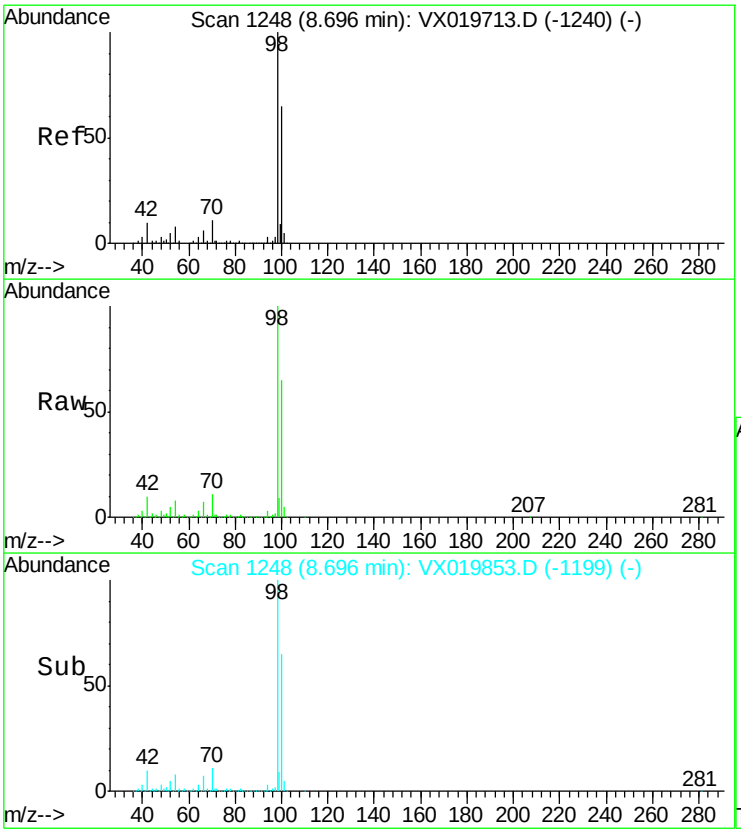
#49
1,4-Dioxane
Concen: 1.776 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument : MSVOA_X
ClientSampleId : TR2-A-TOP

Tgt Ion: 88 Resp: 174

Ion	Ratio	Lower	Upper
88	100		
43	681501.7	23.2	34.8#
58	3495.4	55.0	82.4#

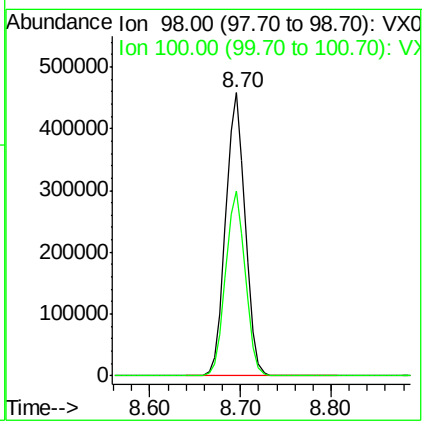


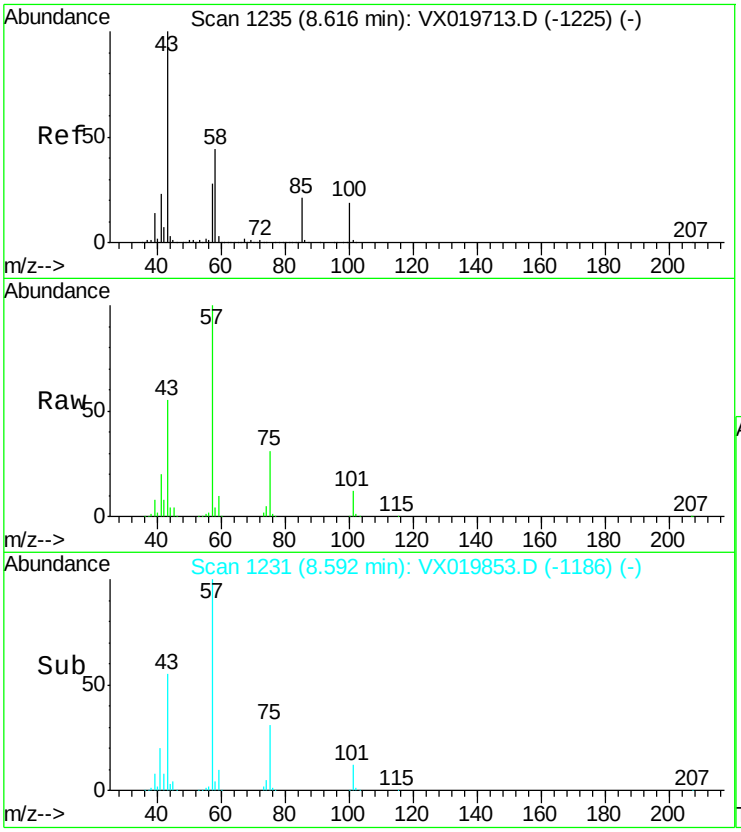


#50
Toluene-d8
Concen: 49.933 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 98 Resp: 682912

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9



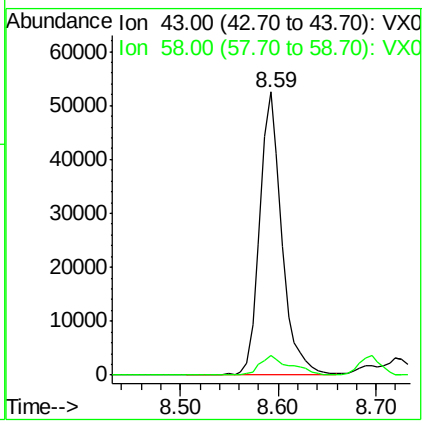


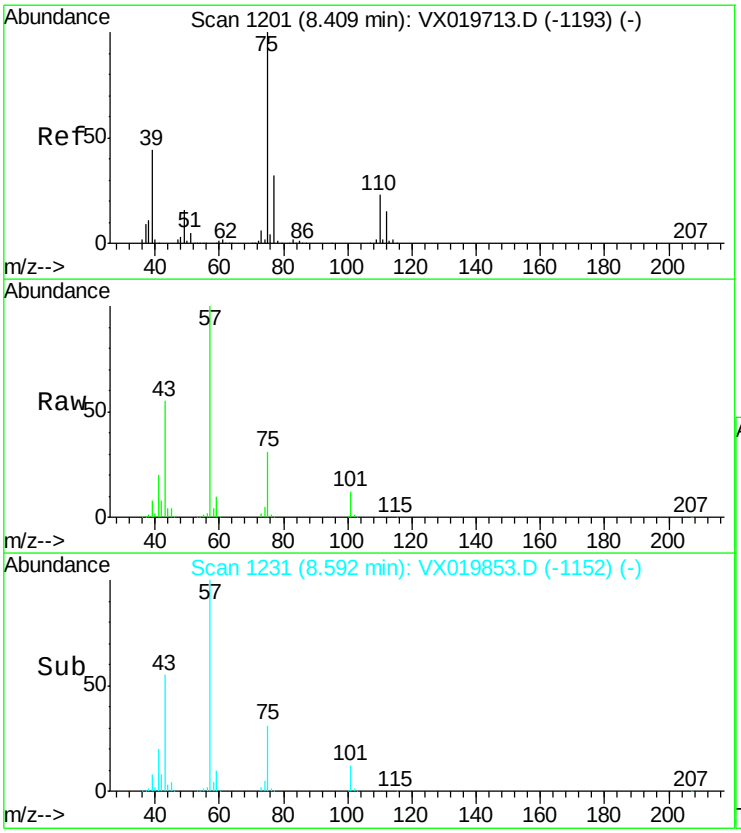
#51
4-Methyl-2-Pentanone
Concen: 16.293 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 43 Resp: 81788

Ion	Ratio	Lower	Upper
43	100		
58	9.7	35.4	53.0#

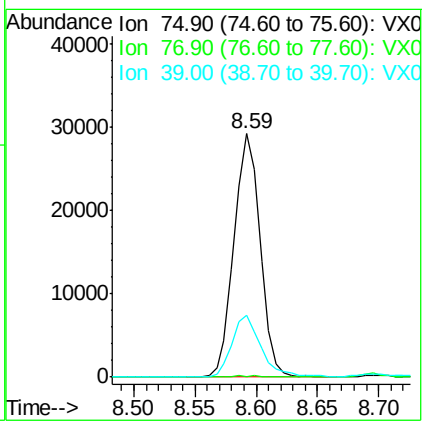


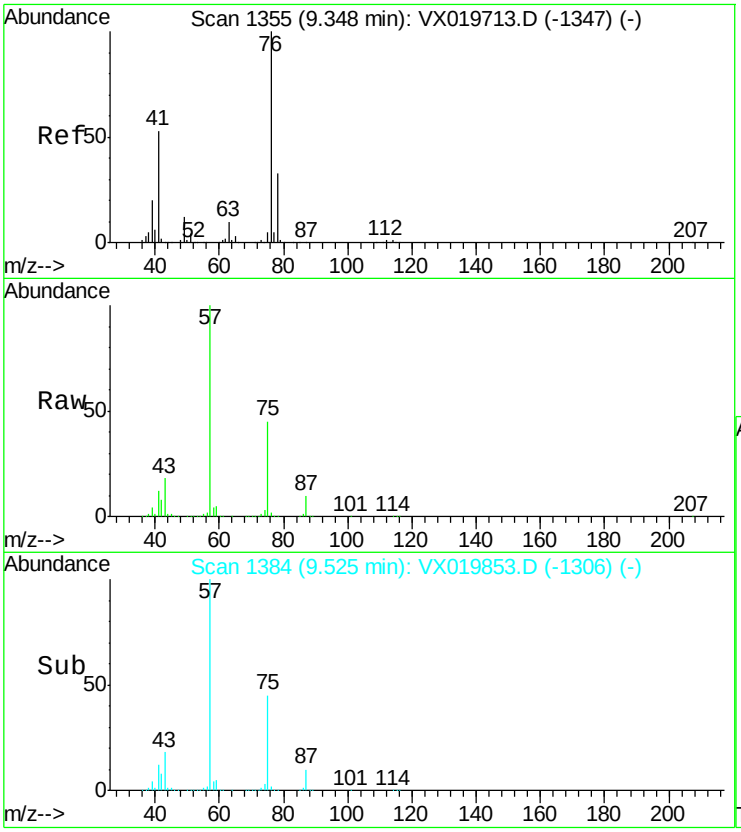


#54
cis-1,3-Dichloropropene
Concen: 6.978 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 75 Resp: 43108

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.7	38.5#
39	25.1	35.1	52.7#



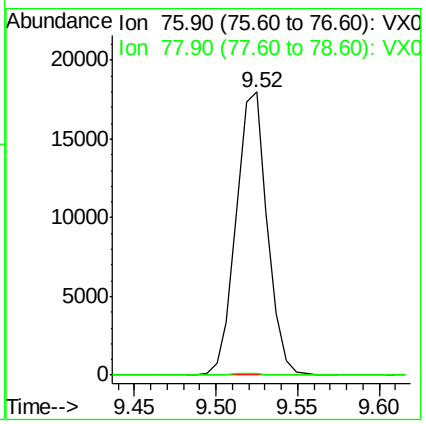


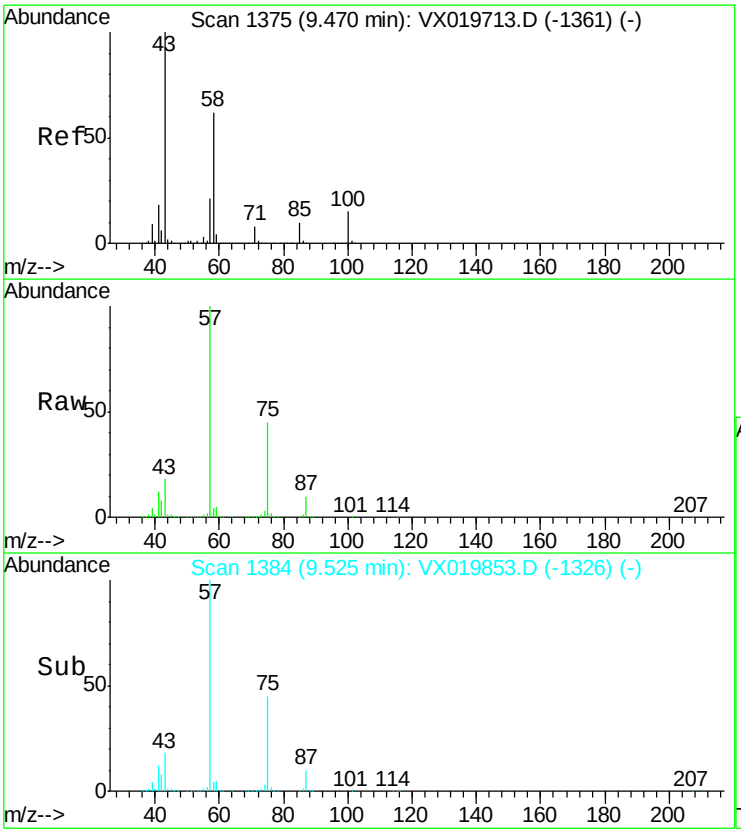
#57
1,3-Dichloropropane
Concen: 3.641 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.18 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 76 Resp: 23977

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

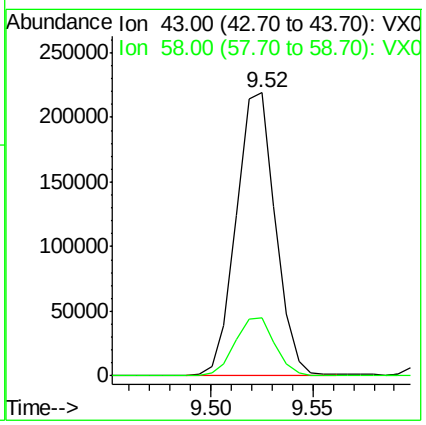


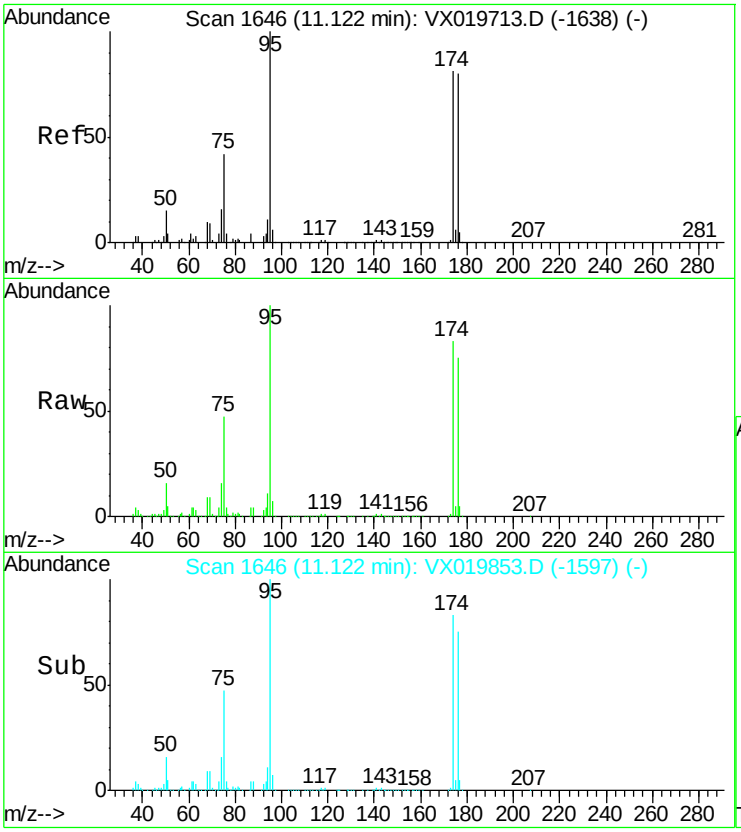


#59
2-Hexanone
Concen: 74.876 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 43 Resp: 291344

Ion	Ratio	Lower	Upper
43	100		
58	21.0	30.9	92.8#



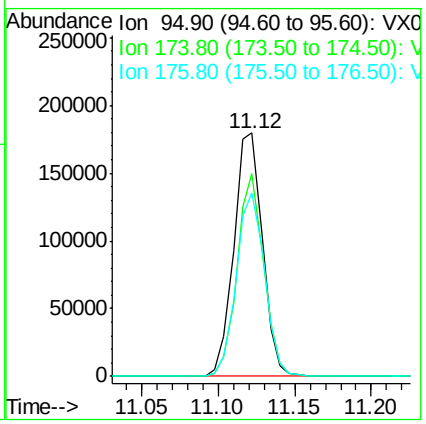


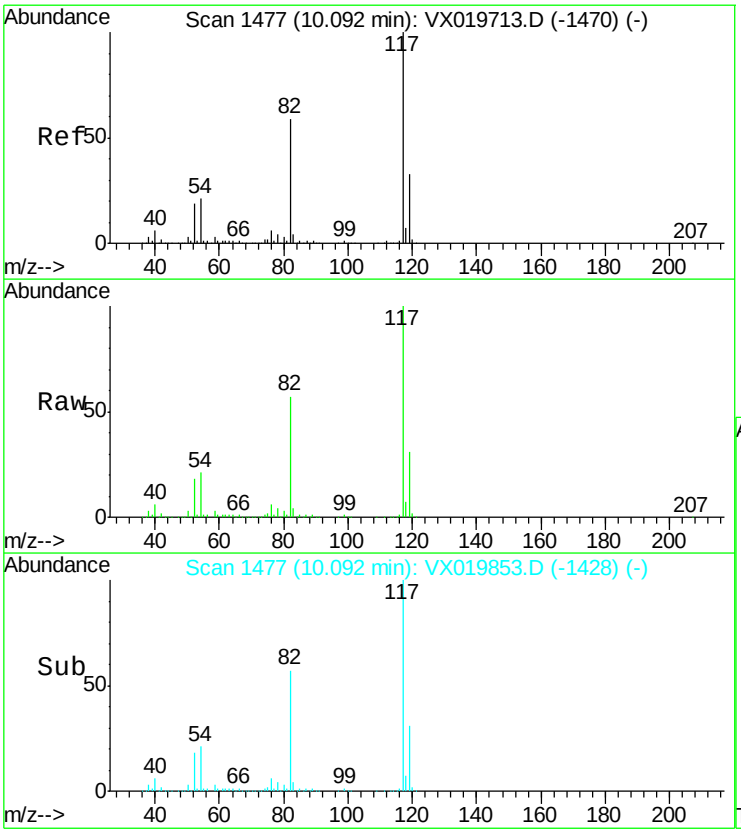
#62
4-Bromofluorobenzene
Concen: 44.587 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 95 Resp: 232094

Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	154.6
176	74.6	0.0	155.8

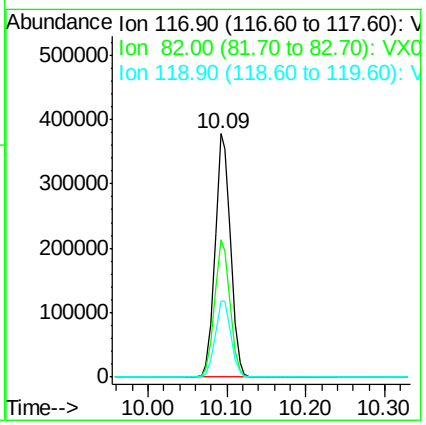


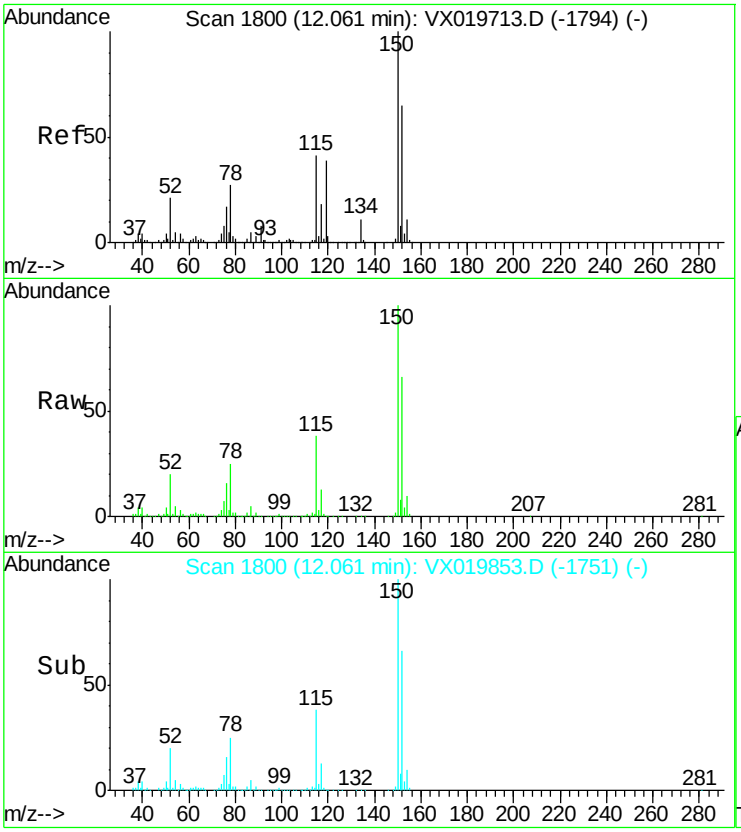


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion:117 Resp: 513299

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.4	71.2
119	31.1	26.6	39.8



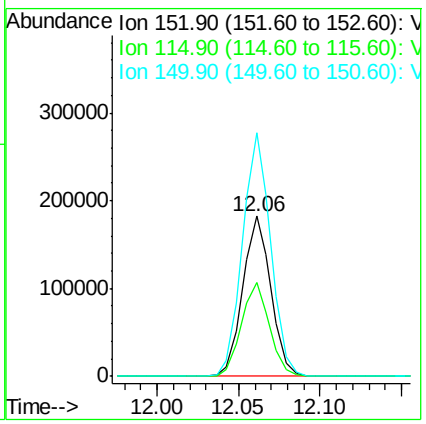


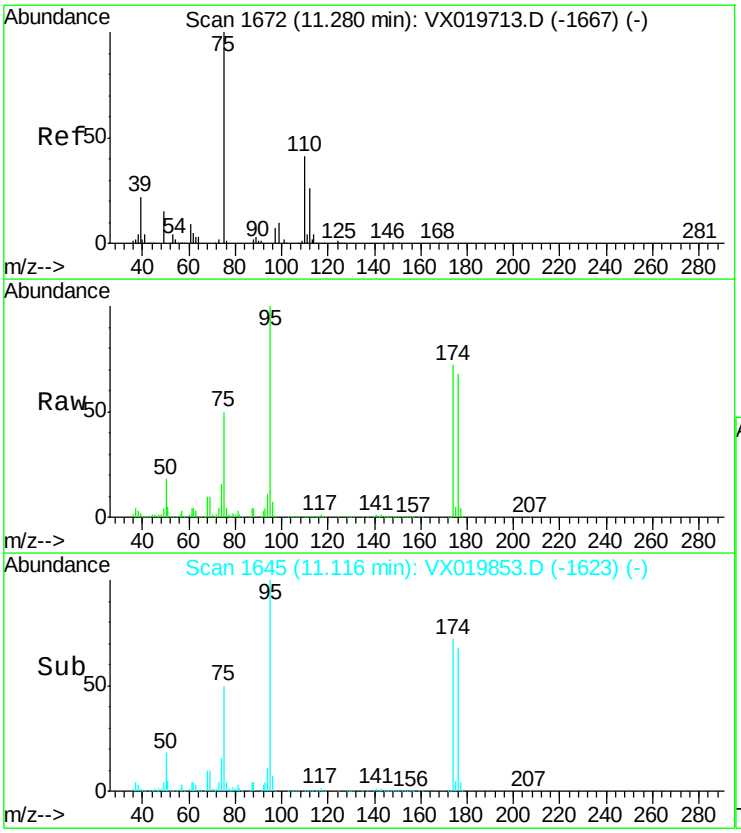
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument : MSVOA_X
ClientSampleId : TR2-A-TOP

Tgt Ion:152 Resp: 218143

Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.1	123.3
150	152.6	0.0	349.0

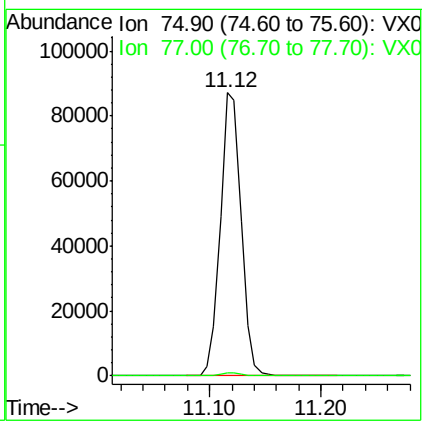


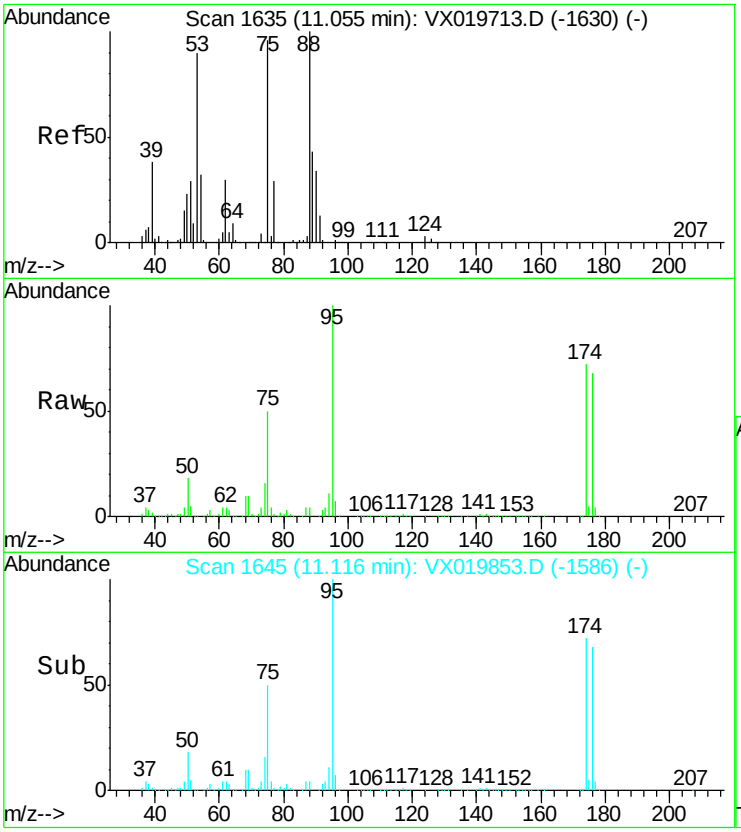


#76
1,2,3-Trichloropropane
Concen: 23.010 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.16 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Tgt Ion: 75 Resp: 112576

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.517 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. 0.06 min
Lab File: VX019853.D
Acq: 11 Dec 2020 03:07

Instrument :
MSVOA_X
ClientSampleId :
TR2-A-TOP

Tgt Ion: 75 Resp: 112576

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