Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112120\
Data File : VX019522.D
Acq On : 21 Nov 2020 03:10
Operator : JC/MD
Sample : L4779-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 1623

Quant Time: Nov 21 05:36:01 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	5.62	168	323562	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	521378	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	449262	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194737	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	192388	45.86	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.72%				
35) Dibromofluoromethane	5.46	113	153500	46.90	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.80%				
50) Toluene-d8	8.70	98	612589	48.17	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.34%				
62) 4-Bromofluorobenzene	11.12	95	211511	46.23	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.46%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1163	0.322	ug/l	#	70
6) Chloroethane	1.73	64	37735	38.914	ug/l	#	49
11) Tert butyl alcohol	3.00	59	10242	12.900	ug/l	#	80
13) Acrolein	2.28	56	1896	3.553	ug/l	#	35
14) Allyl chloride	2.69	41	23462	4.662	ug/l	#	44
15) Acrylonitrile	3.12	53	2339	1.249	ug/l		96
16) Acetone	2.43	43	724102	446.321	ug/l		100
17) Carbon Disulfide	2.54	76	21733	2.518	ug/l		95
18) Methyl Acetate	2.76	43	5753	2.062	ug/l		96
20) Methylene Chloride	2.83	84	3431	0.846	ug/l	#	84
25) 2-Butanone	4.64	43	68276	28.015	ug/l		97
29) Tetrahydrofuran	5.11	42	3558	2.288	ug/l	#	89
30) Chloroform	5.17	83	3548	0.533	ug/l		97
31) Cyclohexane	5.62	56	6464	1.185	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	24599	5.033	ug/l	#	50
37) Ethyl Acetate	4.64	43	68276	14.879	ug/l	#	65
38) Carbon Tetrachloride	5.62	117	31452	6.648	ug/l	#	17
40) Benzene	6.12	78	10654	0.709	ug/l		97
48) Methyl methacrylate	7.63	41	4367	1.209	ug/l	#	34
51) 4-Methyl-2-Pentanone	8.62	43	12341	2.744	ug/l		95
52) Toluene	8.77	92	3996	0.435	ug/l		94
59) 2-Hexanone	9.48	43	12100	3.547	ug/l		100
68) m/p-Xylenes	10.34	106	1718	0.285	ug/l		85
70) Styrene	10.70	104	4075	2.015	ug/l		95
71) Bromoform	10.84	173	365	3.722	ug/l	#	28
74) N-amyl acetate	10.90	43	4071	0.806	ug/l	#	26
76) 1,2,3-Trichloropropane	11.12	75	102107	24.026	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	102107	63.632	ug/l	#	12
86) p-Isopropyltoluene	12.05	119	15583	1.320	ug/l		93
92) 1,2-Dibromo-3-Chloropropan	13.13	75	379	0.386	ug/l		75
95) Naphthalene	13.82	128	4340	2.467	ug/l	#	75

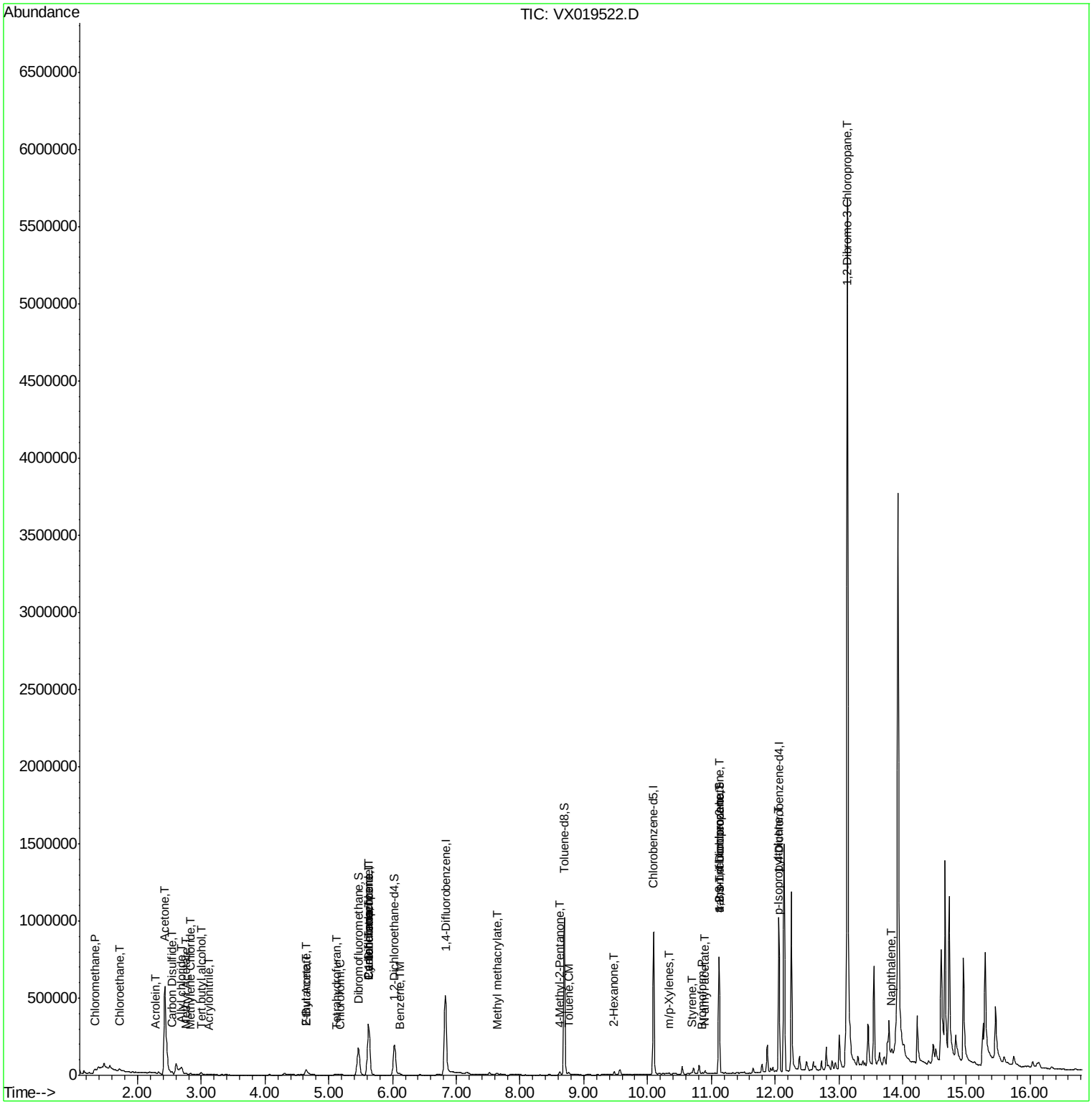
(#) = qualifier out of range (m) = manual integration (+) = signals summed

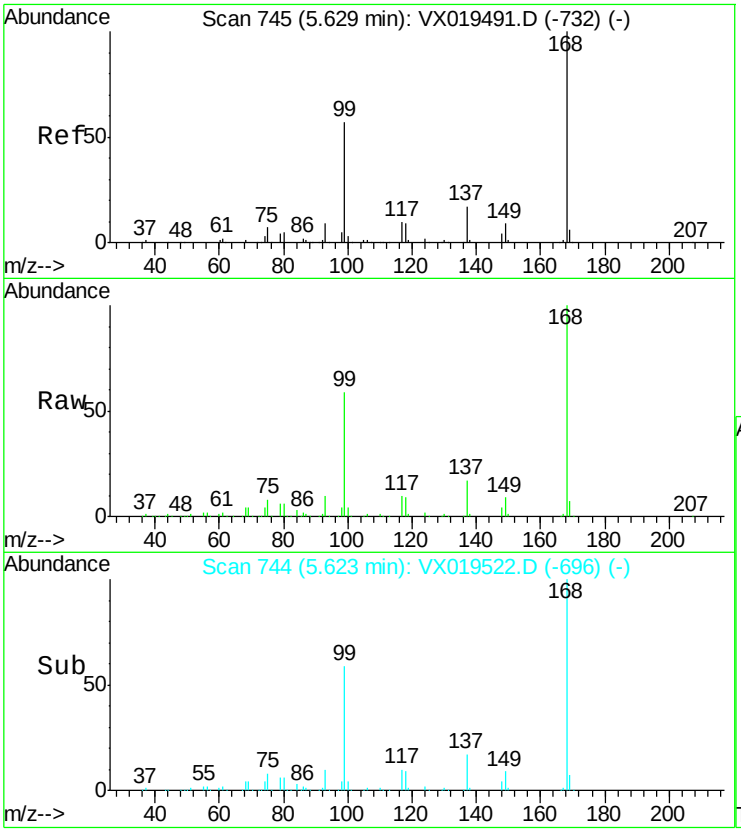
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019522.D
Acq On : 21 Nov 2020 03:10
Operator : JC/MD
Sample : L4779-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1623

Quant Time: Nov 21 05:36:01 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



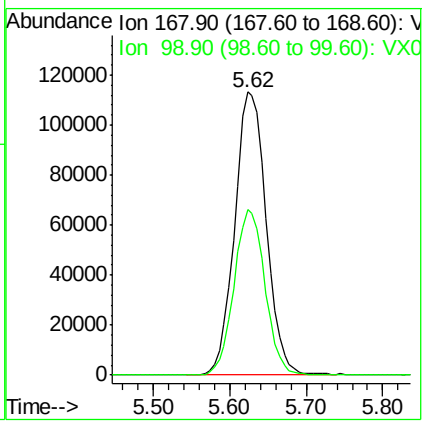


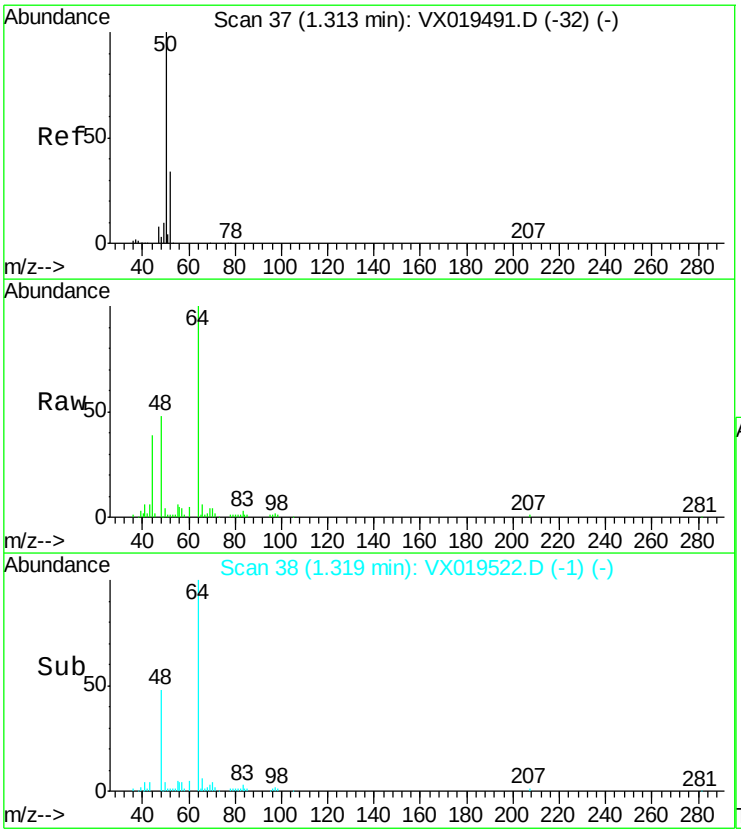
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:168 Resp: 323562

Ion	Ratio	Lower	Upper
168	100		
99	58.7	45.8	68.6

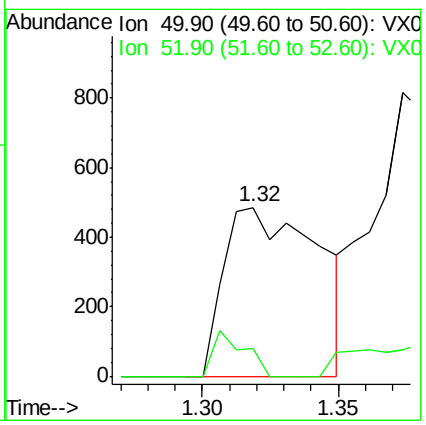


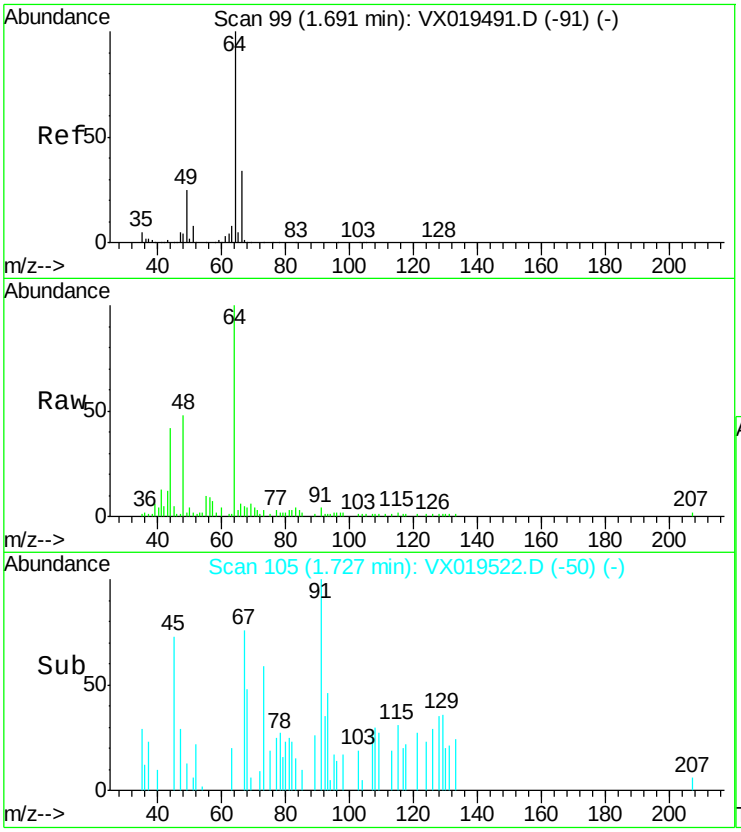


#3
Chloromethane
Concen: 0.322 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 50 Resp: 1163

Ion	Ratio	Lower	Upper
50	100		
52	16.5	27.0	40.6#



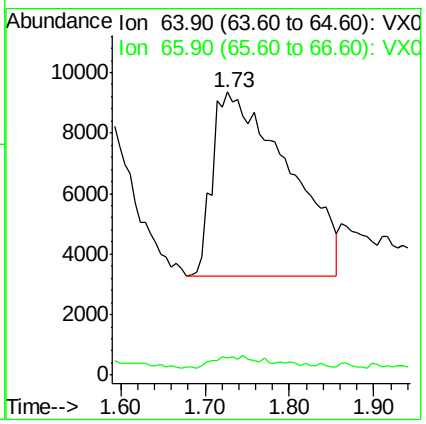


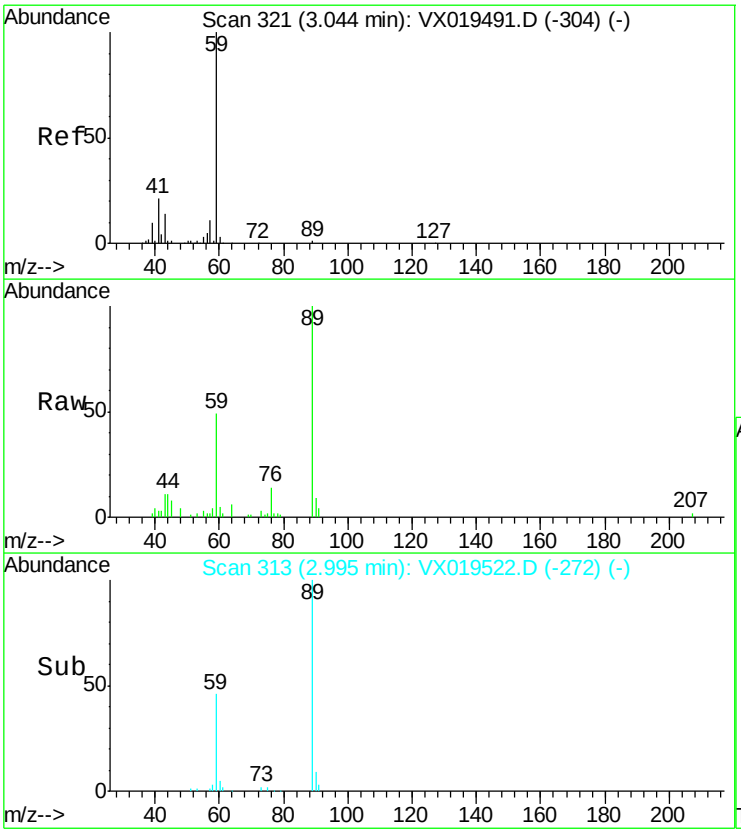
#6
Chloroethane
Concen: 38.914 ug/l
RT: 1.73 min Scan# 105
Delta R.T. 0.04 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 64 Resp: 37735

Ion	Ratio	Lower	Upper
64	100		
66	4.8	27.1	40.7#

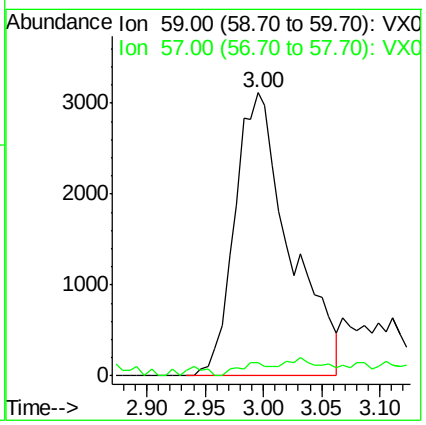


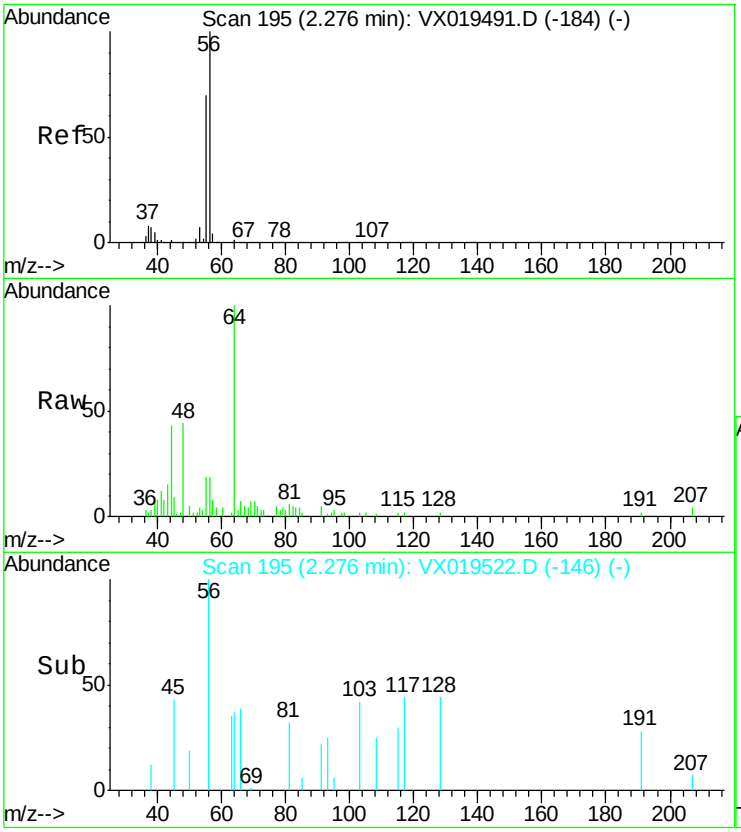


#11
Tert butyl alcohol
Concen: 12.900 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 59 Resp: 10242

Ion	Ratio	Lower	Upper
59	100		
57	2.6	7.9	11.9#



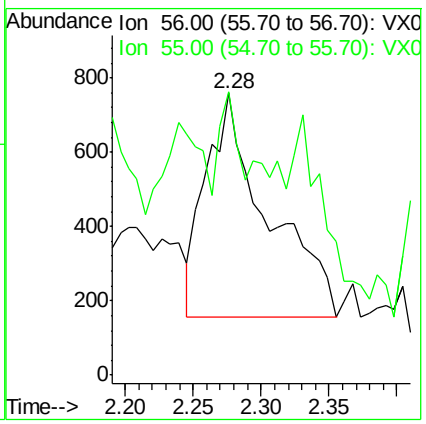


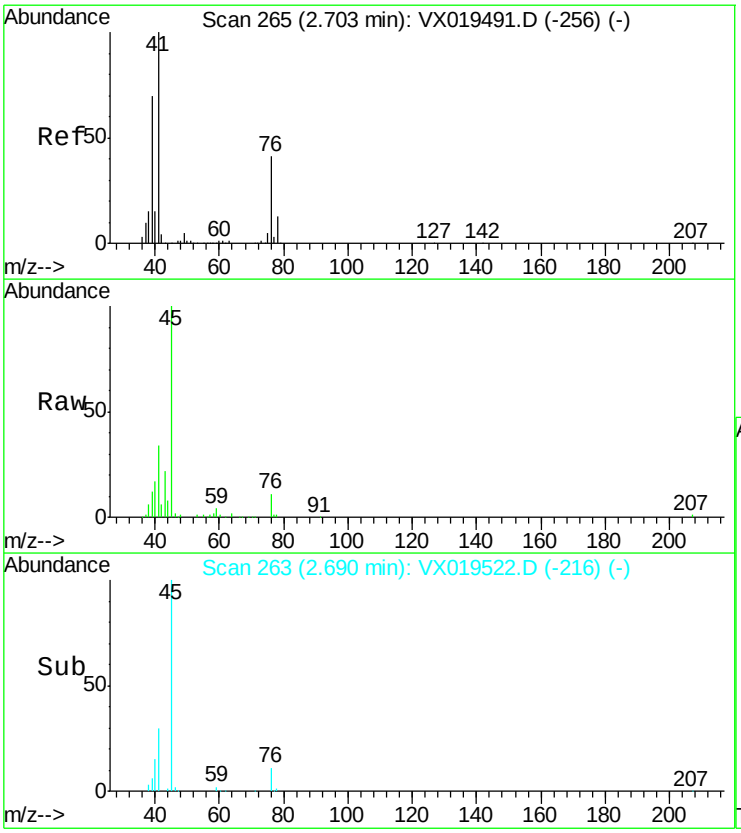
#13
Acrolein
Concen: 3.553 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 56 Resp: 1896

Ion	Ratio	Lower	Upper
56	100		
55	16.0	55.5	83.3#

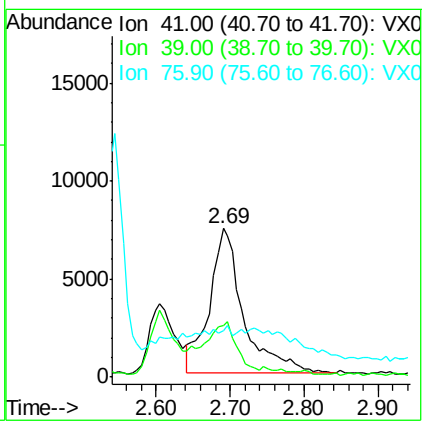


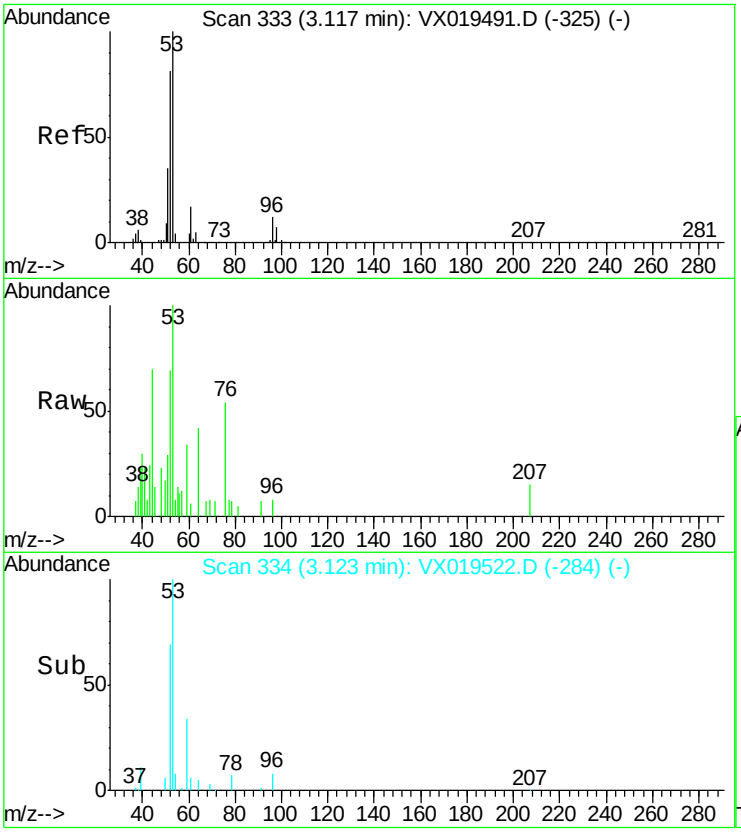


#14
Allyl chloride
Concen: 4.662 ug/l
RT: 2.69 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 41 Resp: 23462

Ion	Ratio	Lower	Upper
41	100		
39	25.5	53.0	79.4#
76	0.0	31.0	46.6#



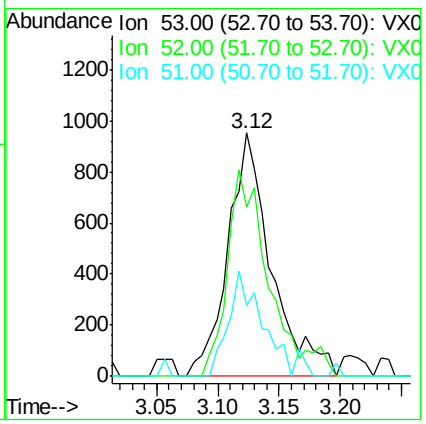


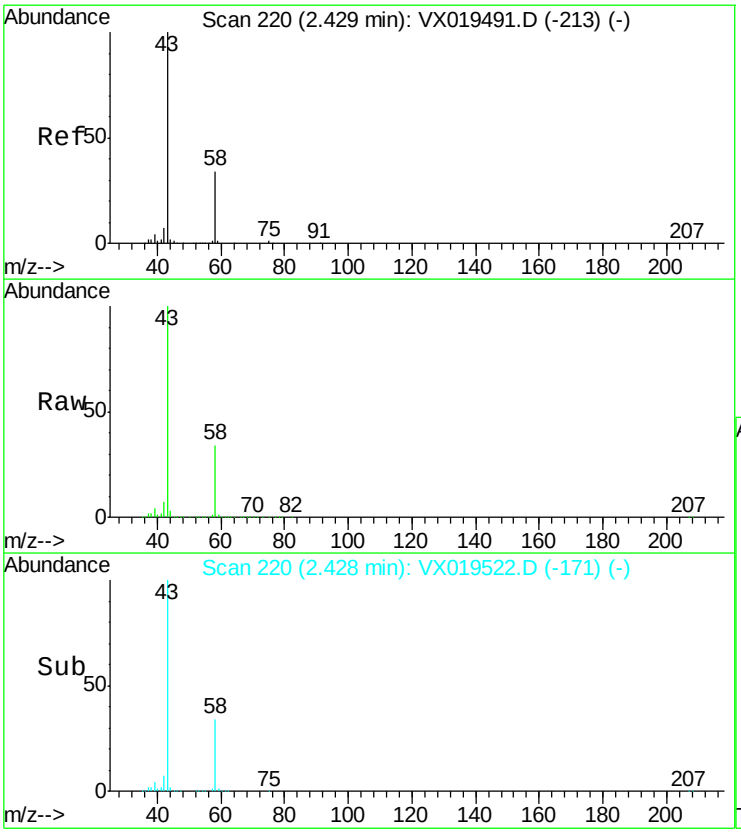
#15
Acrylonitrile
Concen: 1.249 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 53 Resp: 2339

Ion	Ratio	Lower	Upper
53	100		
52	78.8	66.2	99.2
51	33.1	28.5	42.7

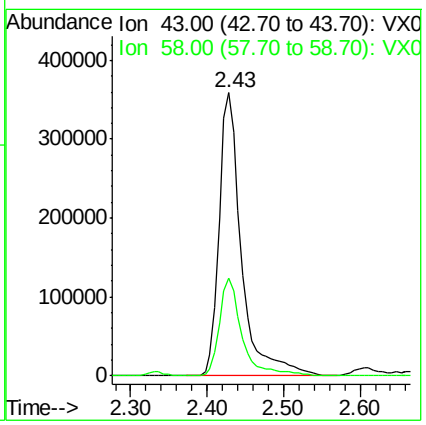


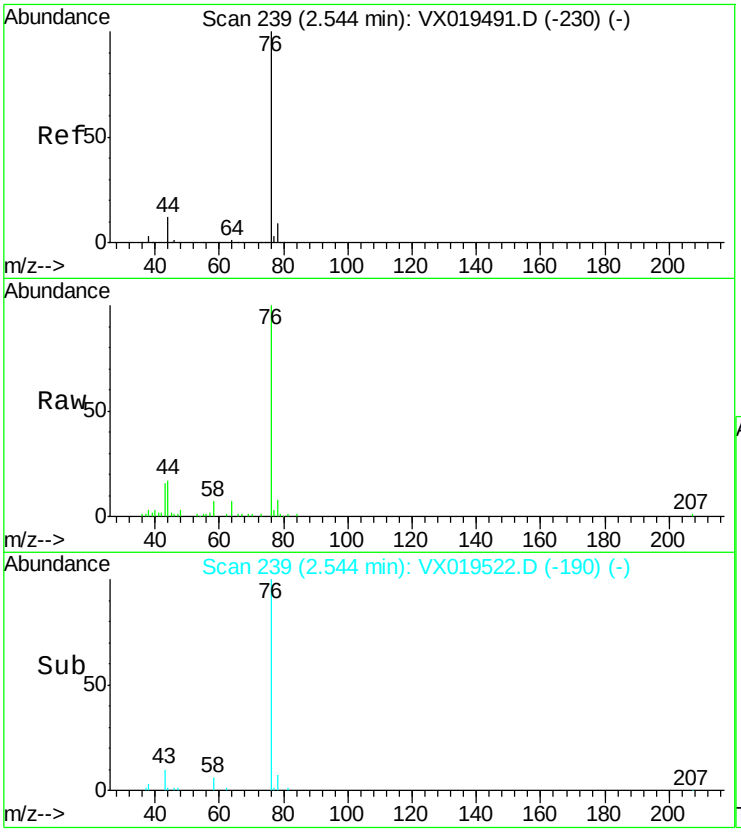


#16
Acetone
Concen: 446.321 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 43 Resp: 724102

Ion	Ratio	Lower	Upper
43	100		
58	34.4	27.4	41.2



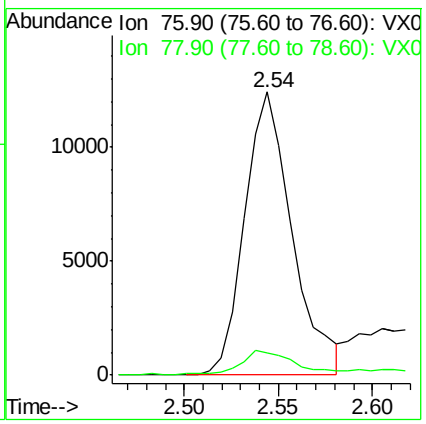


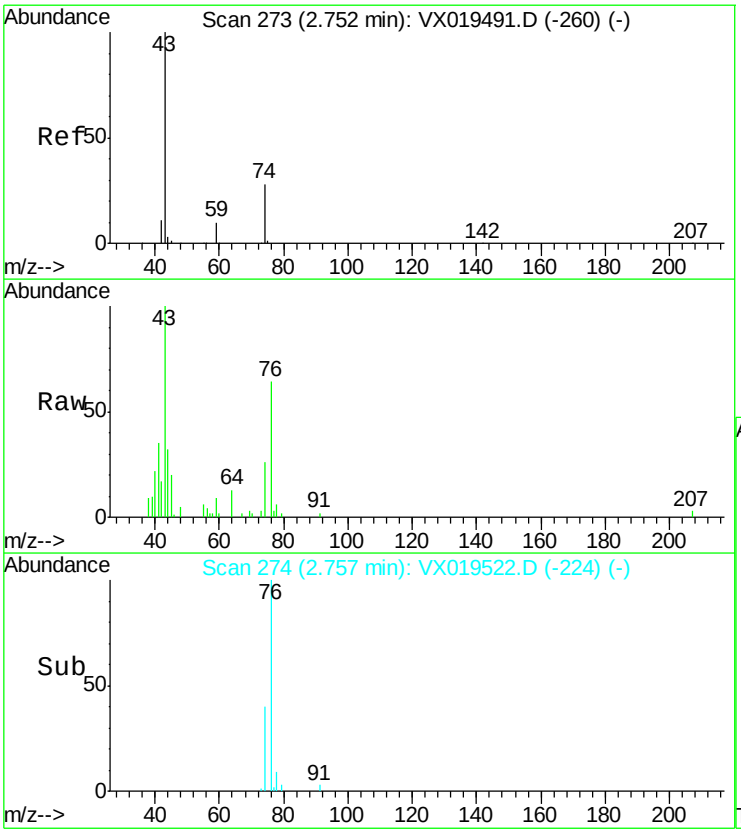
#17
Carbon Disulfide
Concen: 2.518 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 76 Resp: 21733

Ion	Ratio	Lower	Upper
76	100		
78	7.3	7.2	10.8

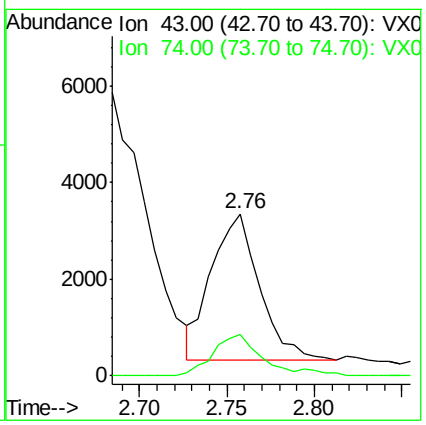


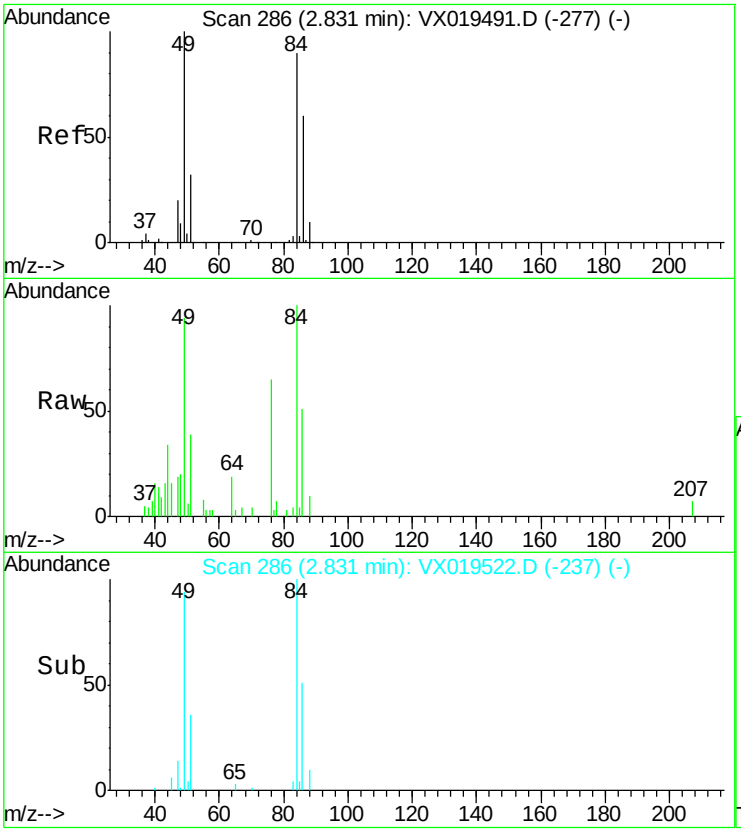


#18
Methyl Acetate
Concen: 2.062 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 43 Resp: 5753

Ion	Ratio	Lower	Upper
43	100		
74	29.8	22.2	33.4



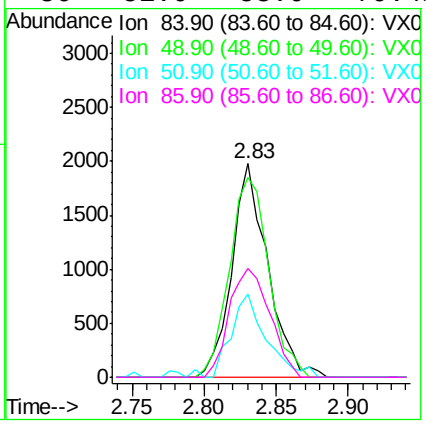


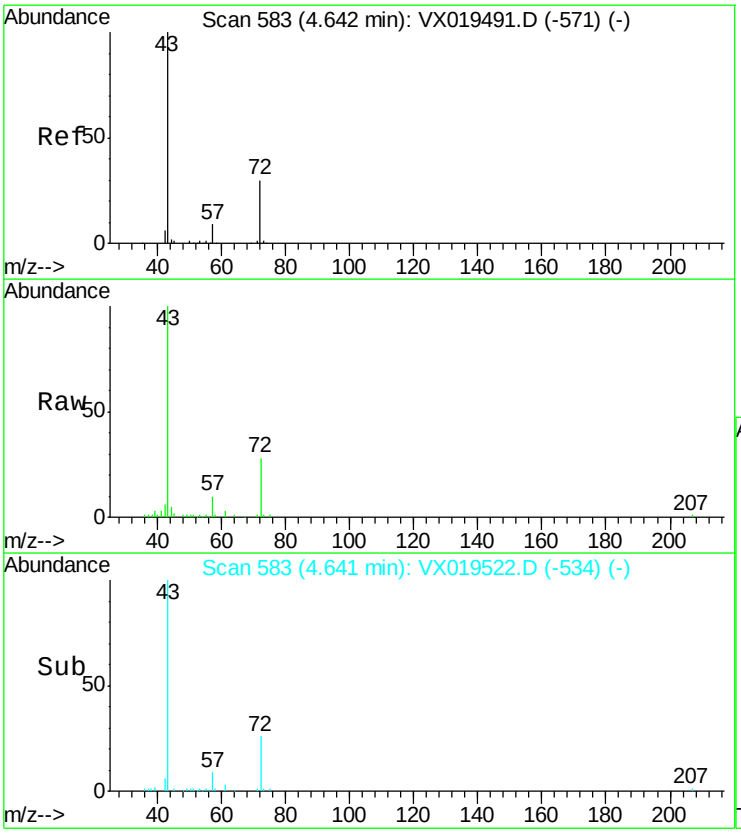
#20
Methylene Chloride
Concen: 0.846 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 84 Resp: 3431

Ion	Ratio	Lower	Upper
84	100		
49	93.6	88.5	132.7
51	39.1	28.0	42.0
86	51.0	53.0	79.4#

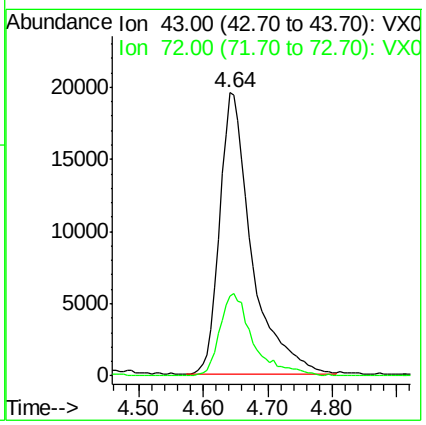


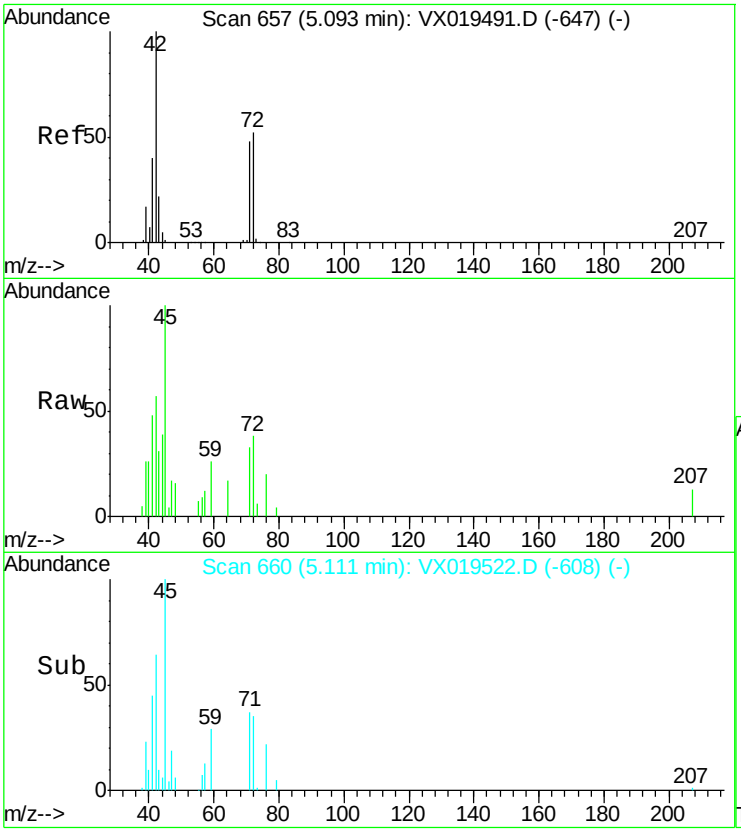


#25
2-Butanone
Concen: 28.015 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 43 Resp: 68276

Ion	Ratio	Lower	Upper
43	100		
72	28.4	24.0	36.0



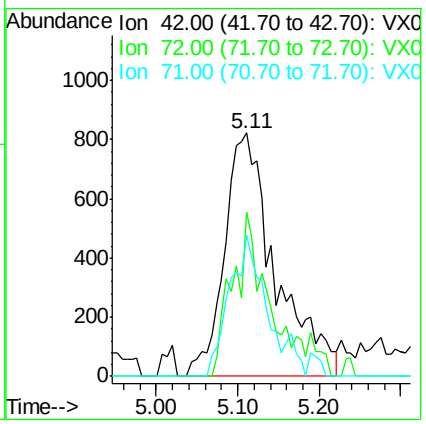


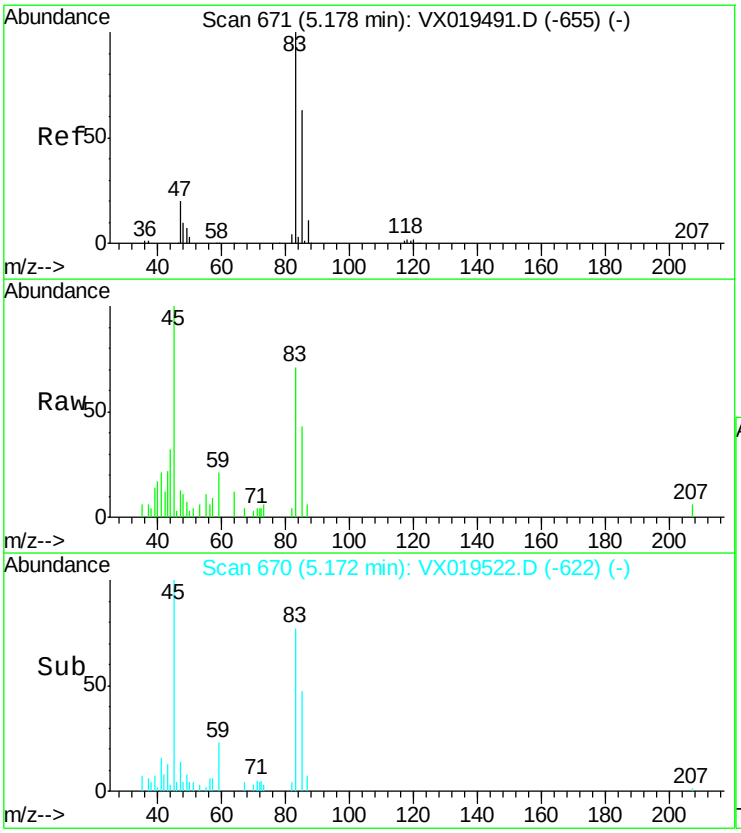
#29
Tetrahydrofuran
Concen: 2.288 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 42 Resp: 3558

Ion	Ratio	Lower	Upper
42	100		
72	47.3	42.6	63.8
71	38.8	39.0	58.6#

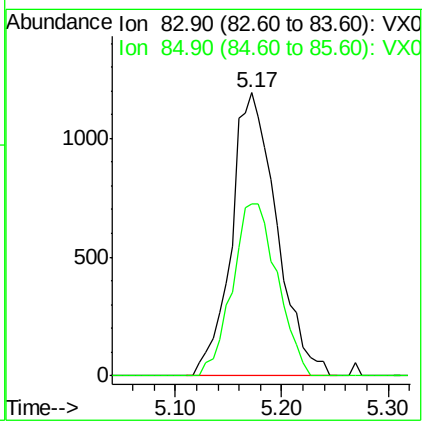


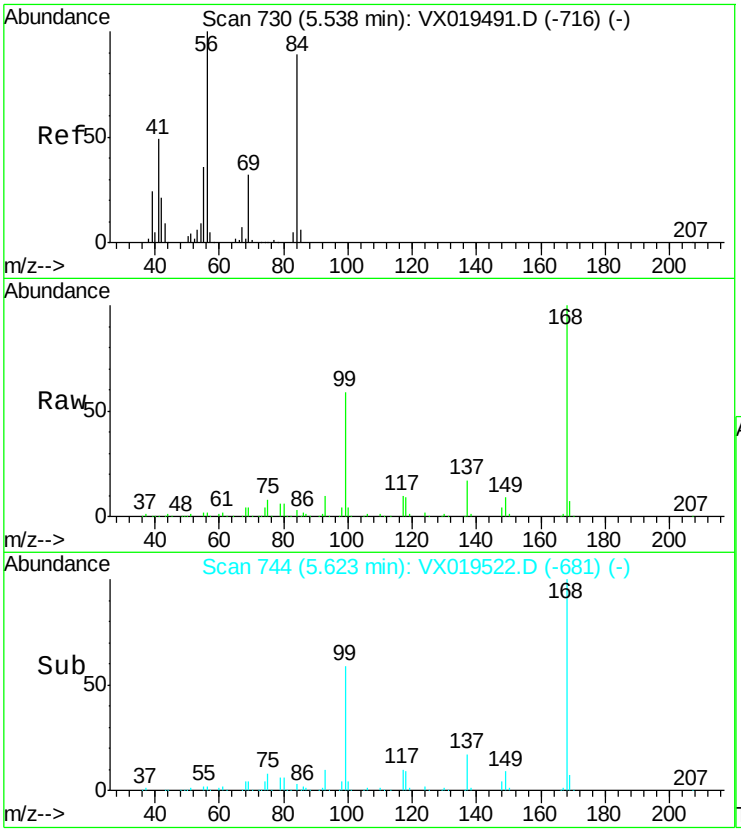


#30
Chloroform
Concen: 0.533 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 83 Resp: 3548

Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.5	75.7



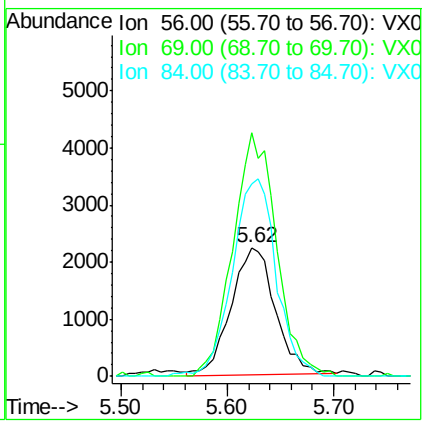


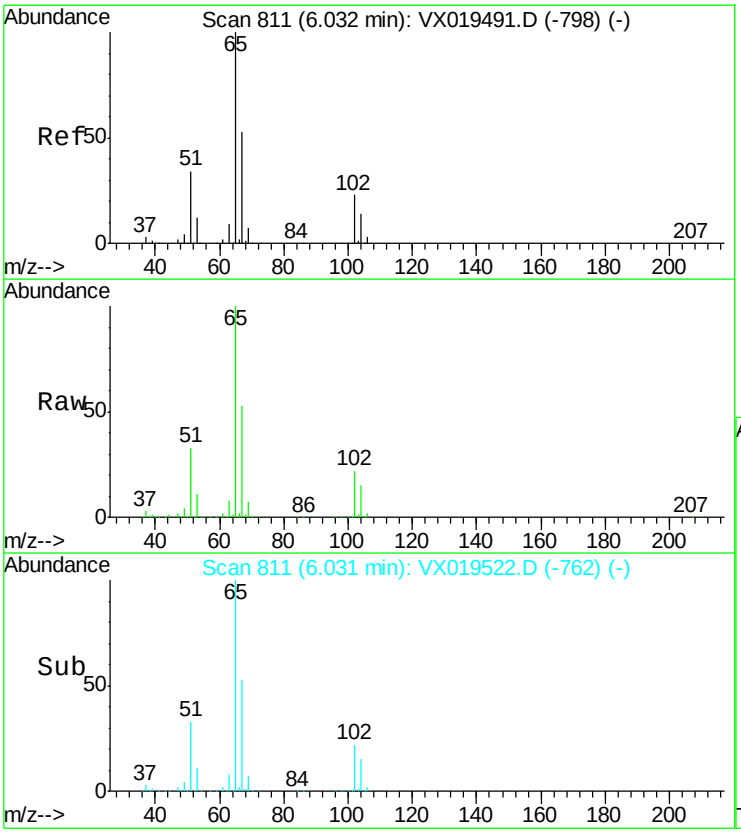
#31
Cyclohexane
Concen: 1.185 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument : MSVOA_X
ClientSampleId : 1623

Tgt Ion: 56 Resp: 6464

Ion	Ratio	Lower	Upper
56	100		
69	193.4	25.5	38.3#
84	152.9	71.1	106.7#

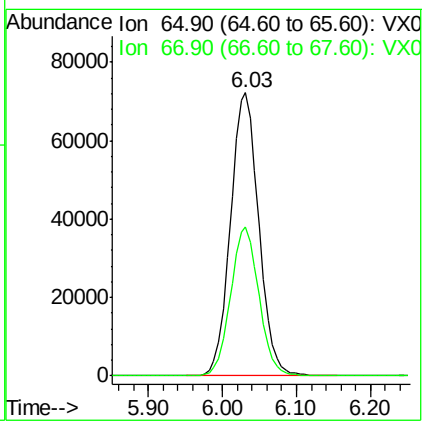


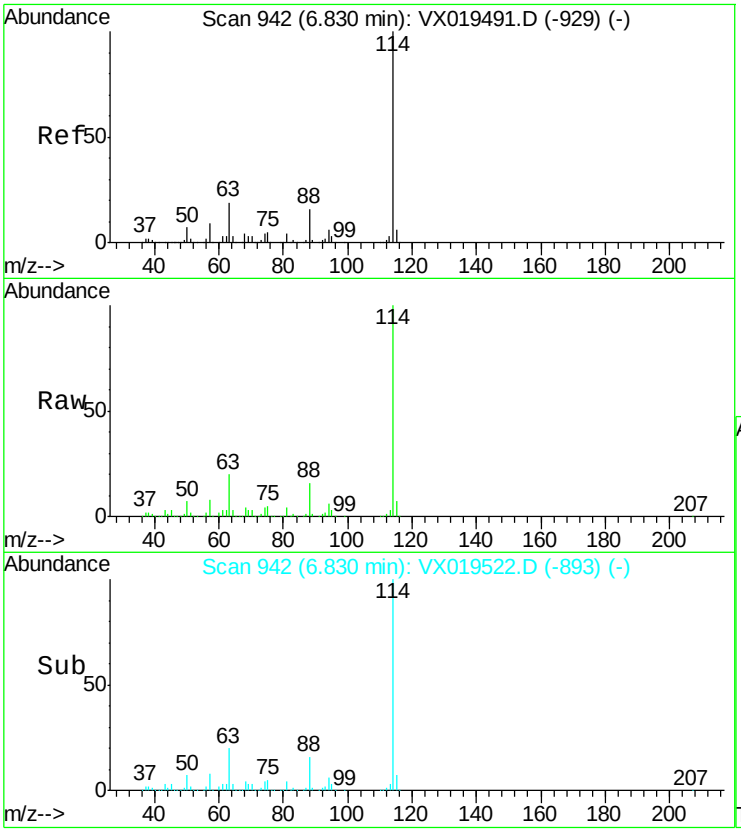


#33
1,2-Dichloroethane-d4
Concen: 45.858 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 65 Resp: 192388

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



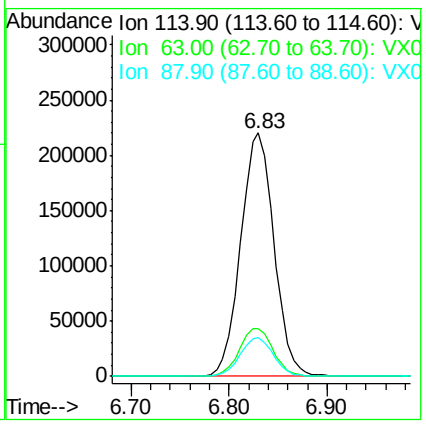


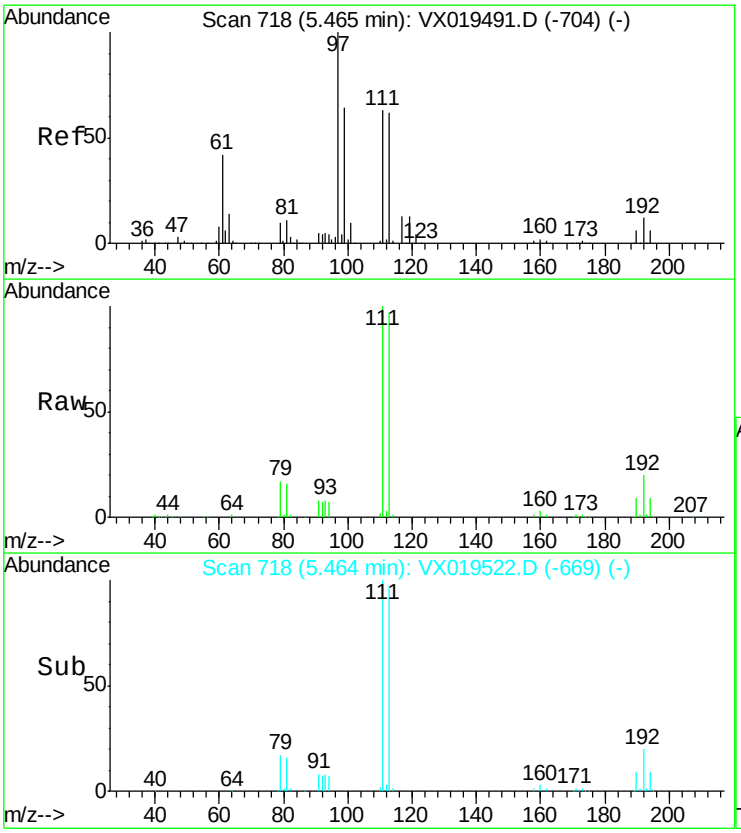
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:114 Resp: 521378

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.8
88	16.0	0.0	31.6

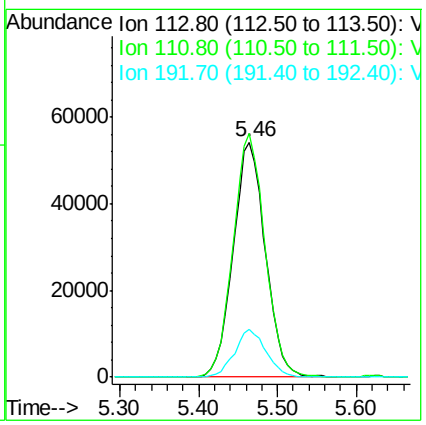


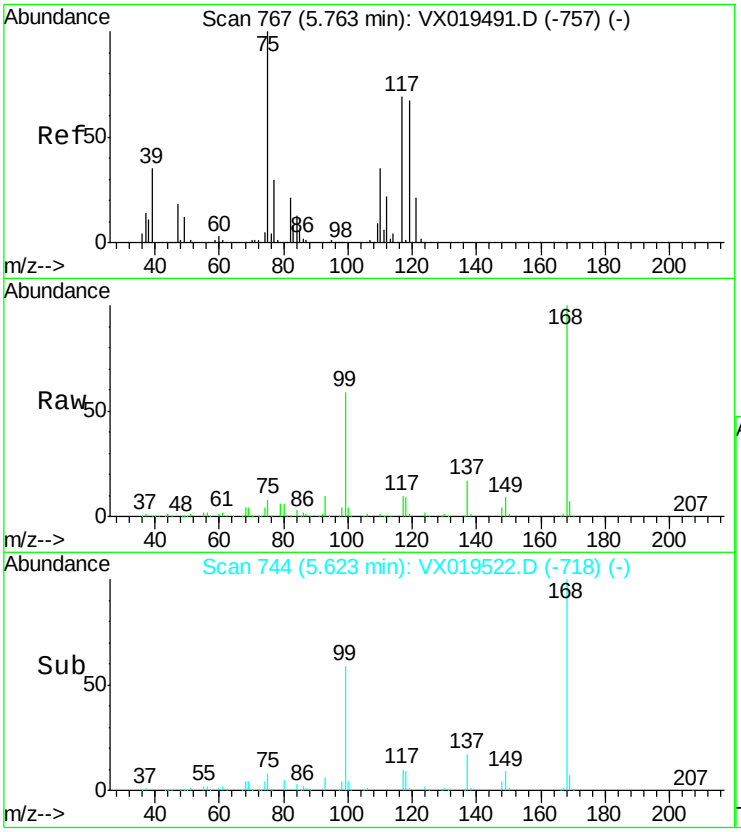


#35
Dibromofluoromethane
Concen: 46.903 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion:113 Resp: 153500

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	20.0	16.2	24.2



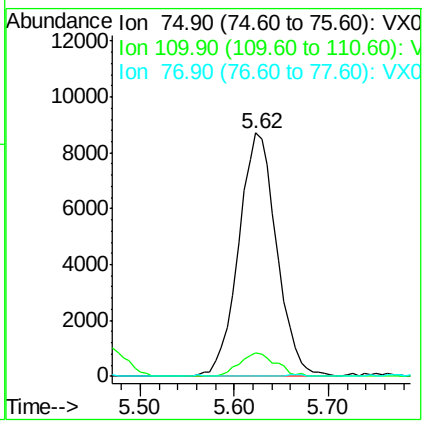


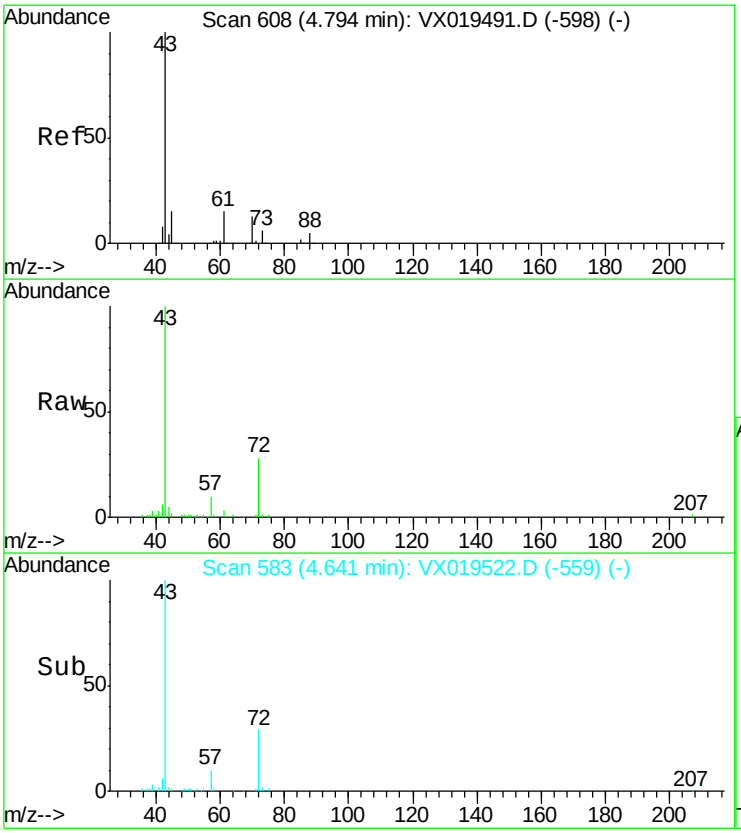
#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument : MSVOA_X
ClientSampleId : 1623

Tgt Ion: 75 Resp: 24599

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	24.2	36.4#

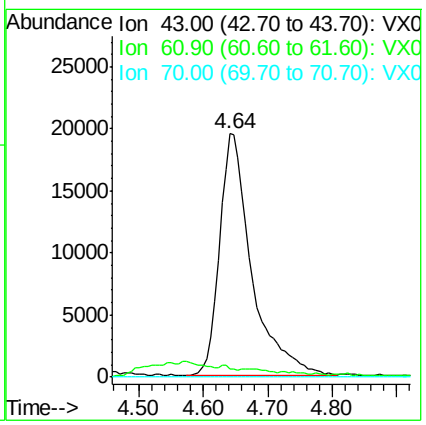


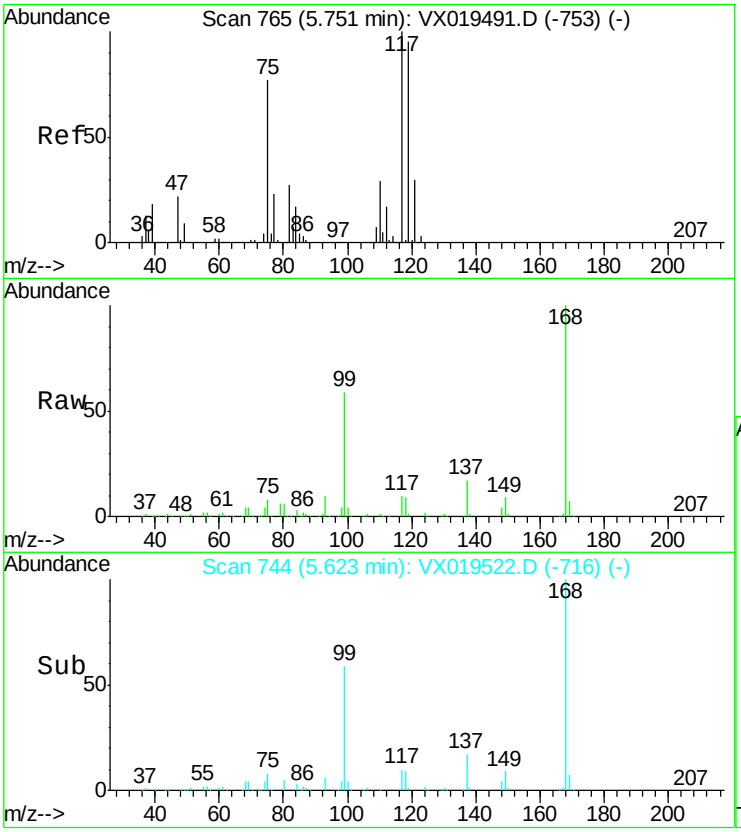


#37
Ethyl Acetate
Concen: 14.879 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.15 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 43 Resp: 68276

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.7	19.1#
70	0.0	10.2	15.2#



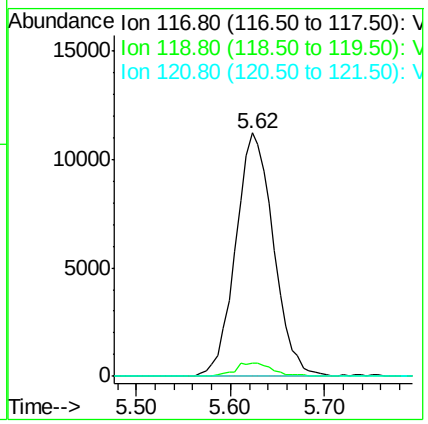


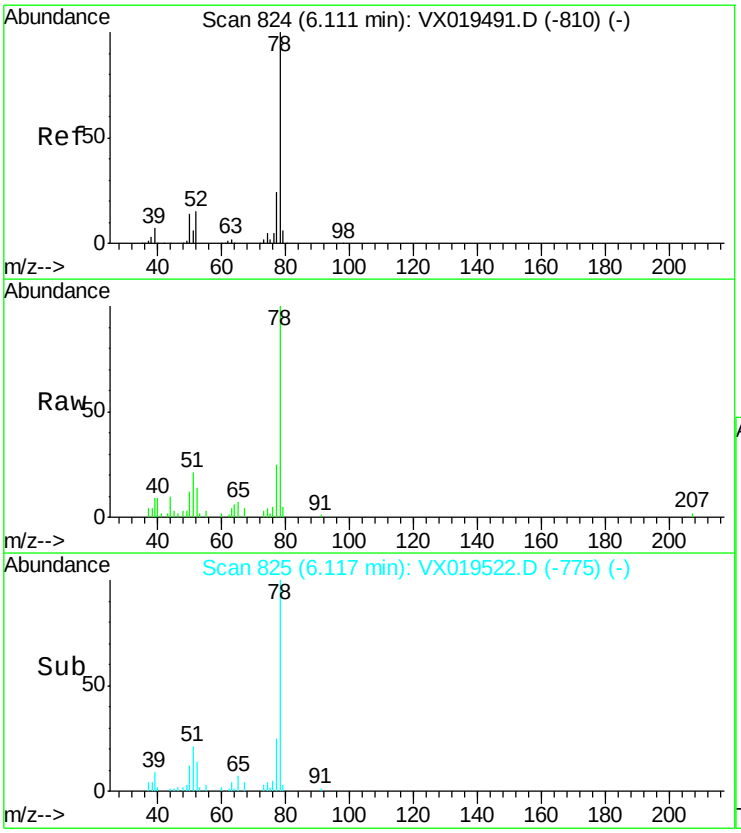
#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument : MSVOA_X
ClientSampleId : 1623

Tgt Ion:117 Resp: 31452

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.9	113.9#
121	0.0	24.0	36.0#

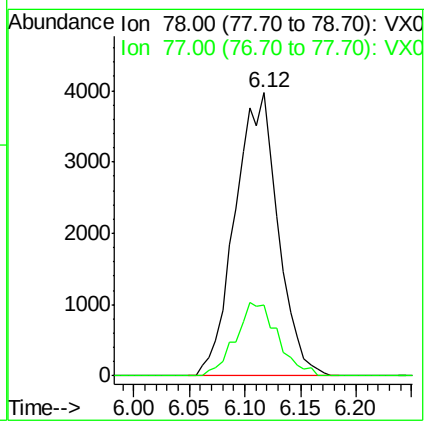


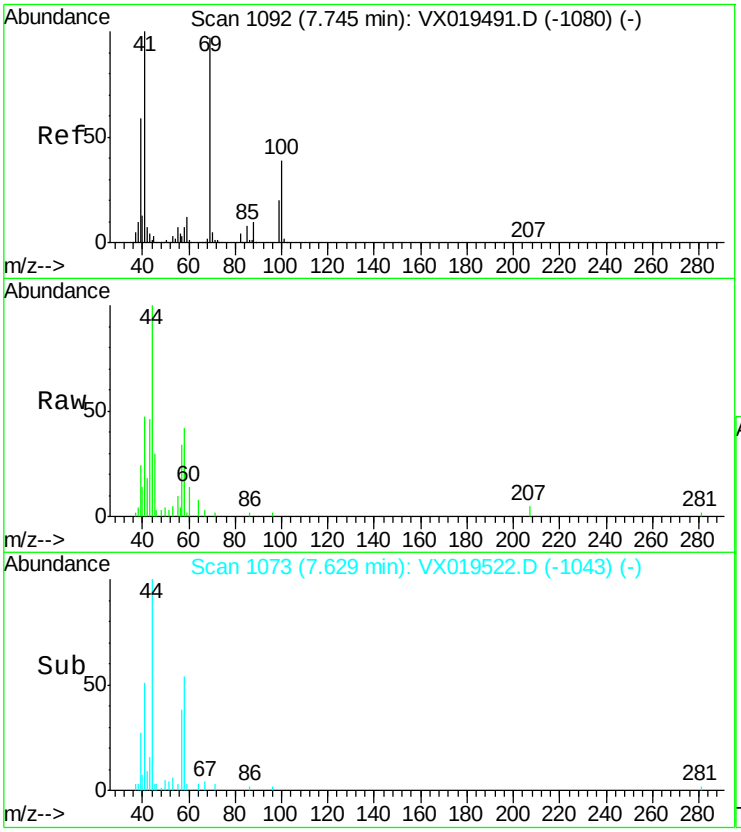


#40
Benzene
Concen: 0.709 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 78 Resp: 10654

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.9	28.3



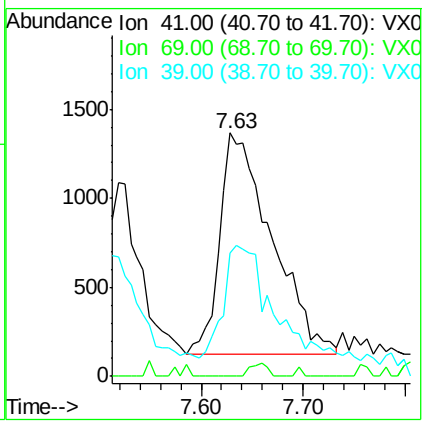


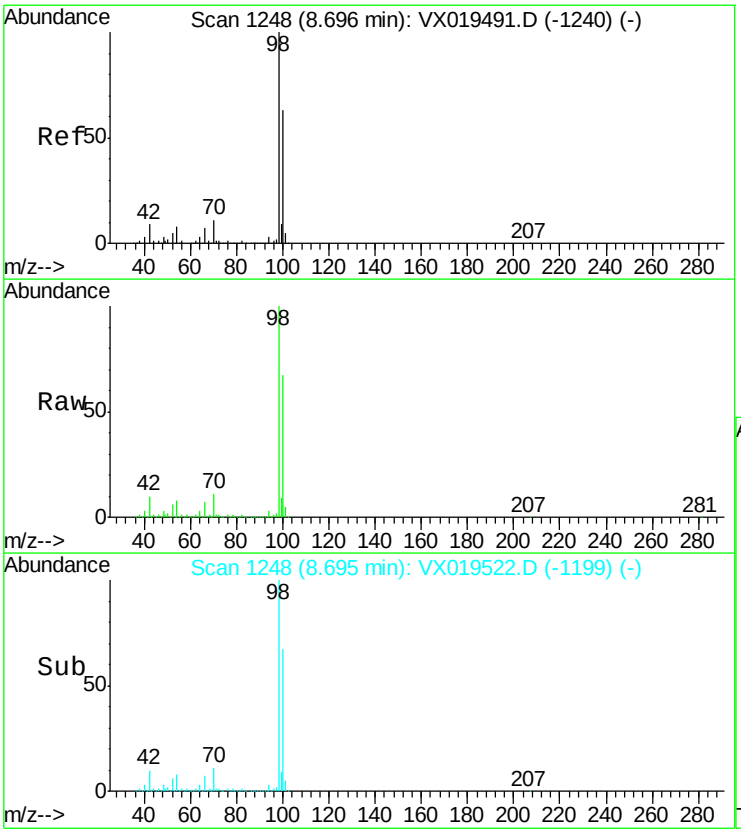
#48
Methyl methacrylate
Concen: 1.209 ug/l
RT: 7.63 min Scan# 1073
Delta R.T. -0.12 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument : MSVOA_X
ClientSampleId : 1623

Tgt Ion: 41 Resp: 4367

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.0	115.6#
39	49.0	45.6	68.4

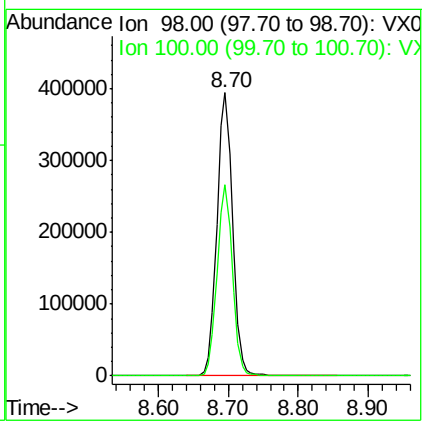


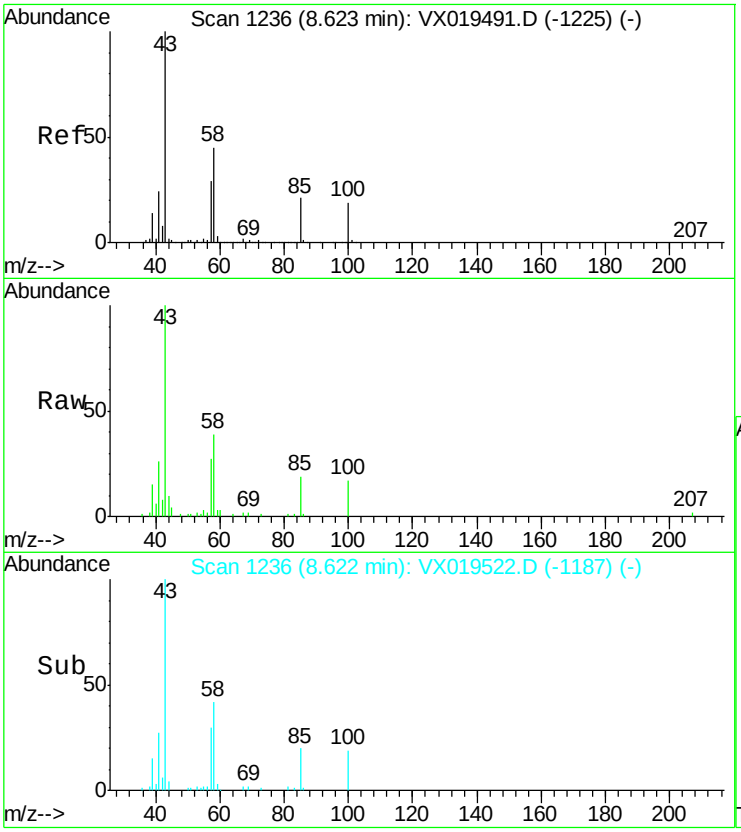


#50
Toluene-d8
Concen: 48.170 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 98 Resp: 612589

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6



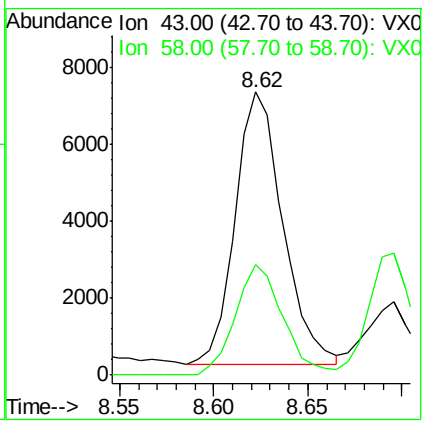


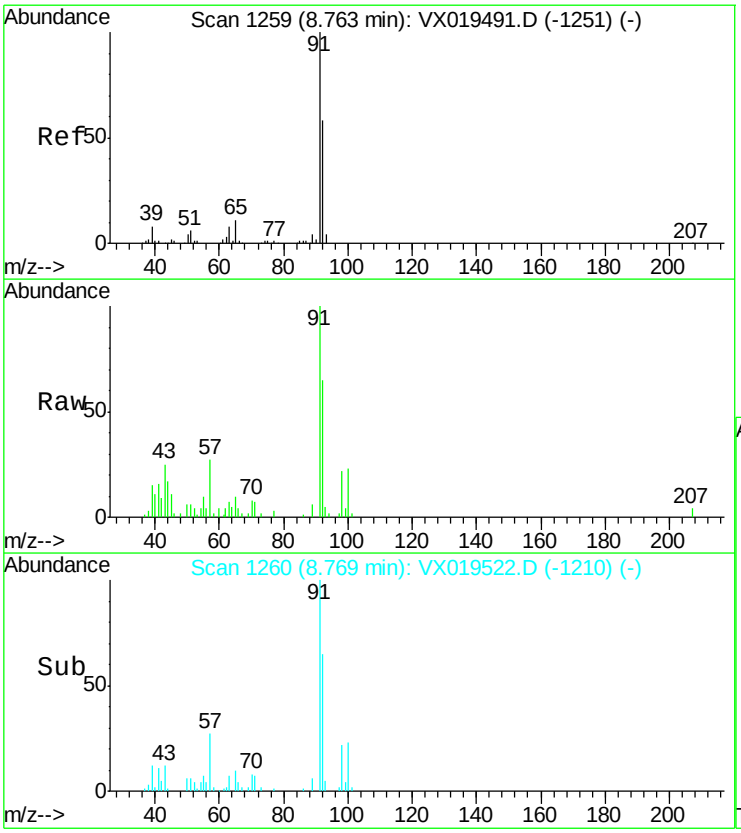
#51
4-Methyl-2-Pentanone
Concen: 2.744 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument : MSVOA_X
ClientSampleId : 1623

Tgt Ion: 43 Resp: 12341

Ion	Ratio	Lower	Upper
43	100		
58	40.9	35.1	52.7

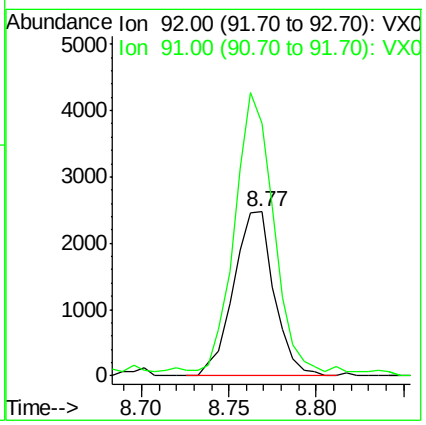


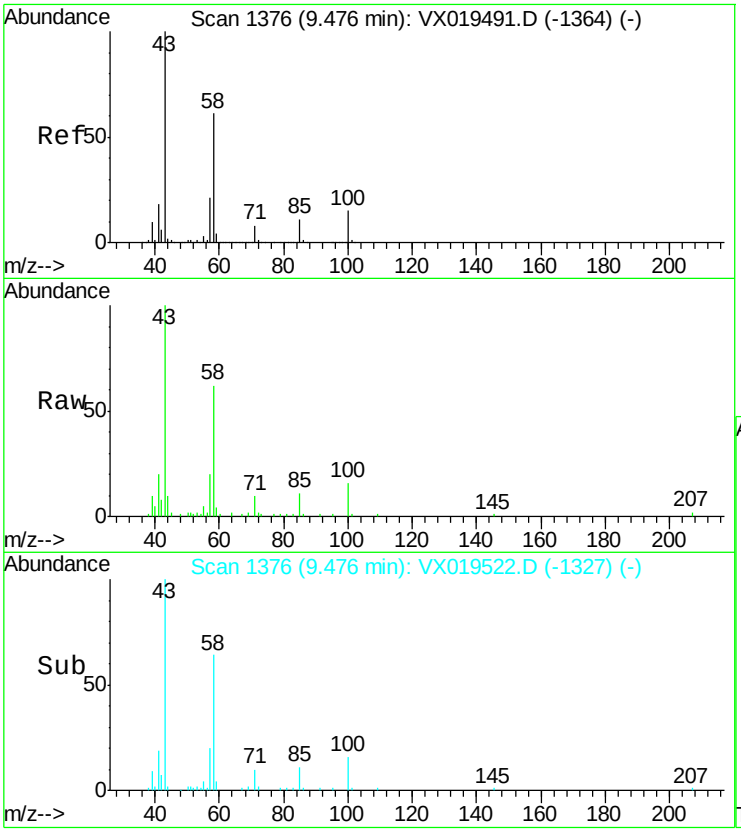


#52
Toluene
Concen: 0.435 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 92 Resp: 3996

Ion	Ratio	Lower	Upper
92	100		
91	164.6	138.1	207.1



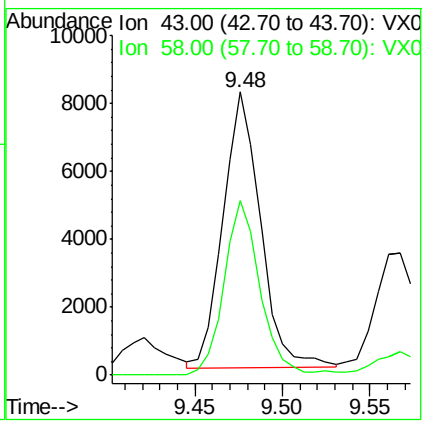


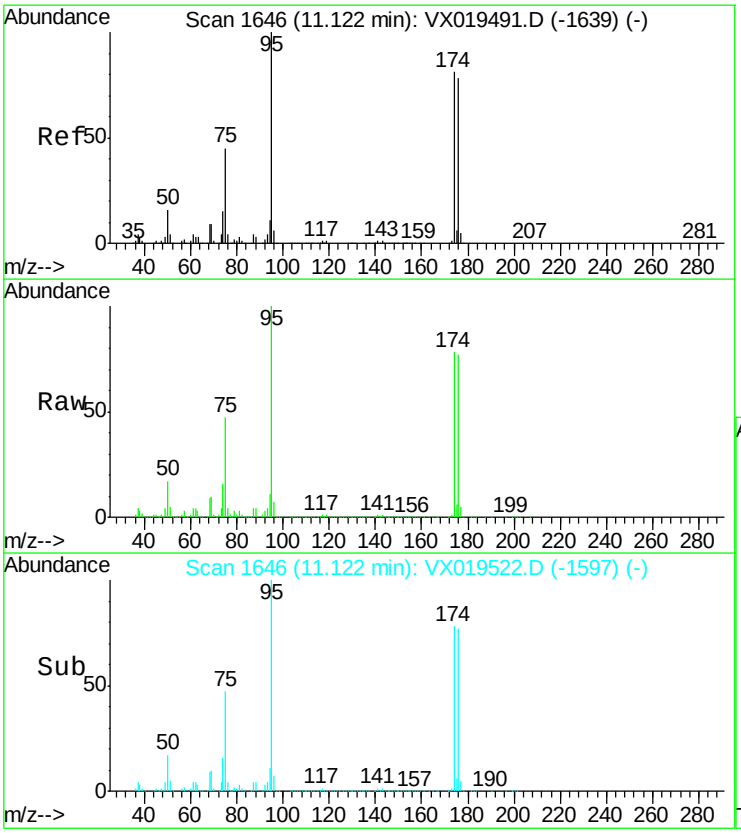
#59
2-Hexanone
Concen: 3.547 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 43 Resp: 12100

Ion	Ratio	Lower	Upper
43	100		
58	61.1	30.6	91.6

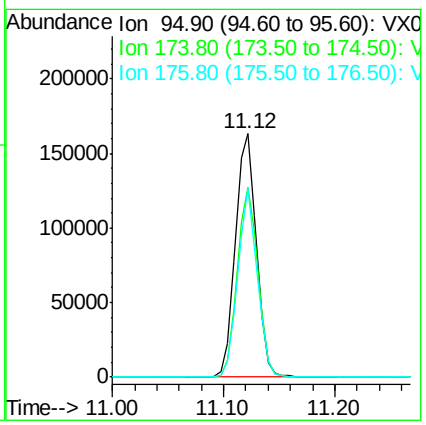


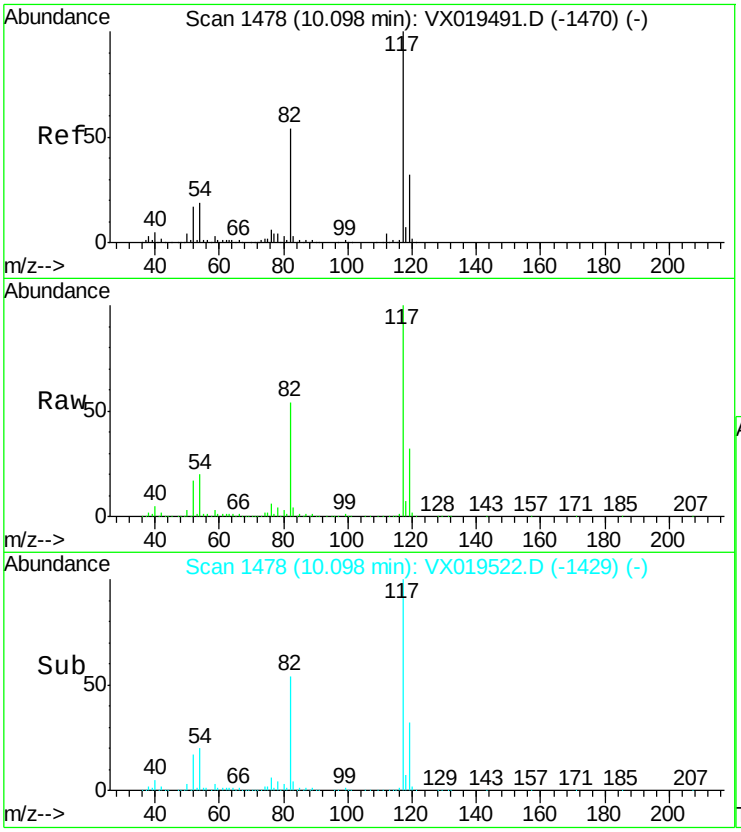


#62
4-Bromofluorobenzene
Concen: 46.227 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 95 Resp: 211511

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	156.2
176	72.1	0.0	151.4



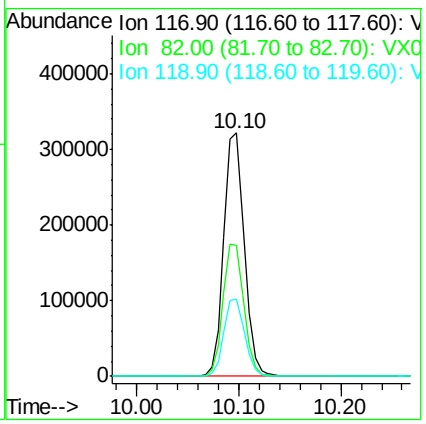


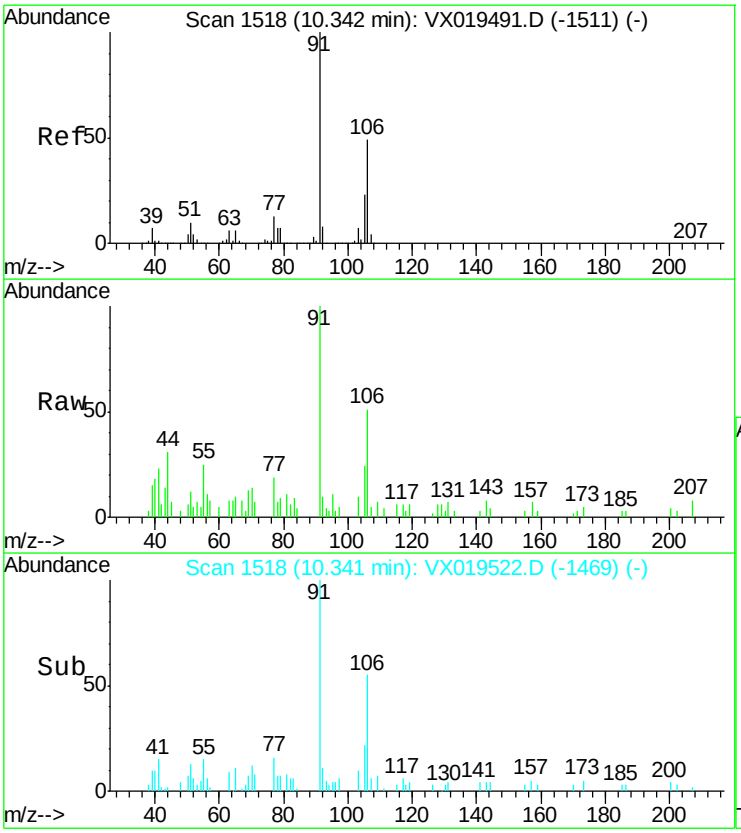
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:117 Resp: 449262

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	31.9	25.6	38.4

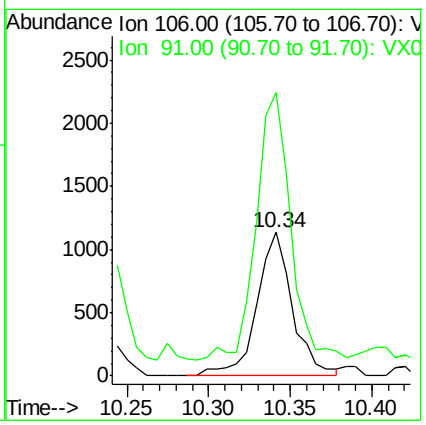


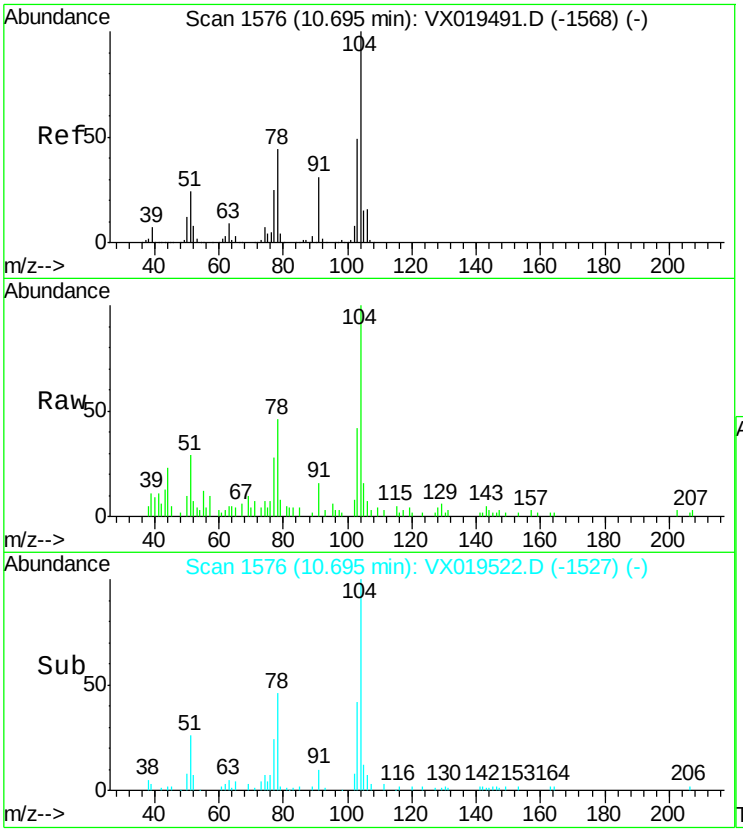


#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion:106 Resp: 1718

Ion	Ratio	Lower	Upper
106	100		
91	181.5	163.3	244.9



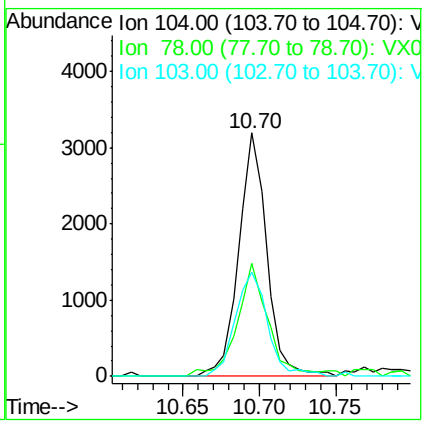


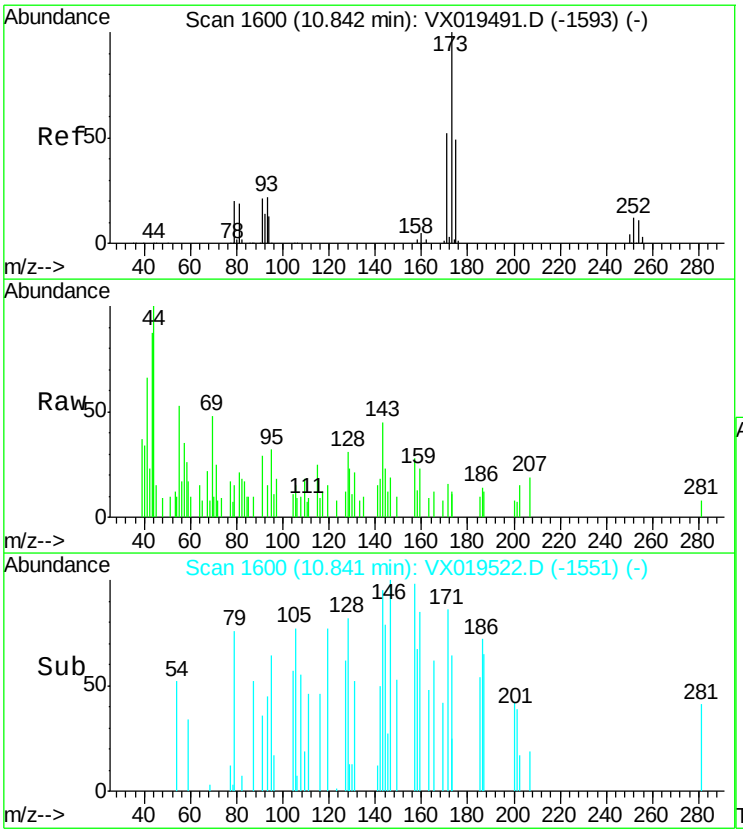
#70
Stvrene
Concen: 2.015 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:104 Resp: 4075

Ion	Ratio	Lower	Upper
104	100		
78	52.0	39.5	59.3
103	49.5	43.6	65.4

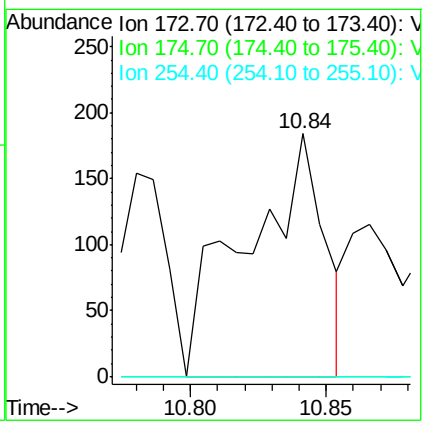


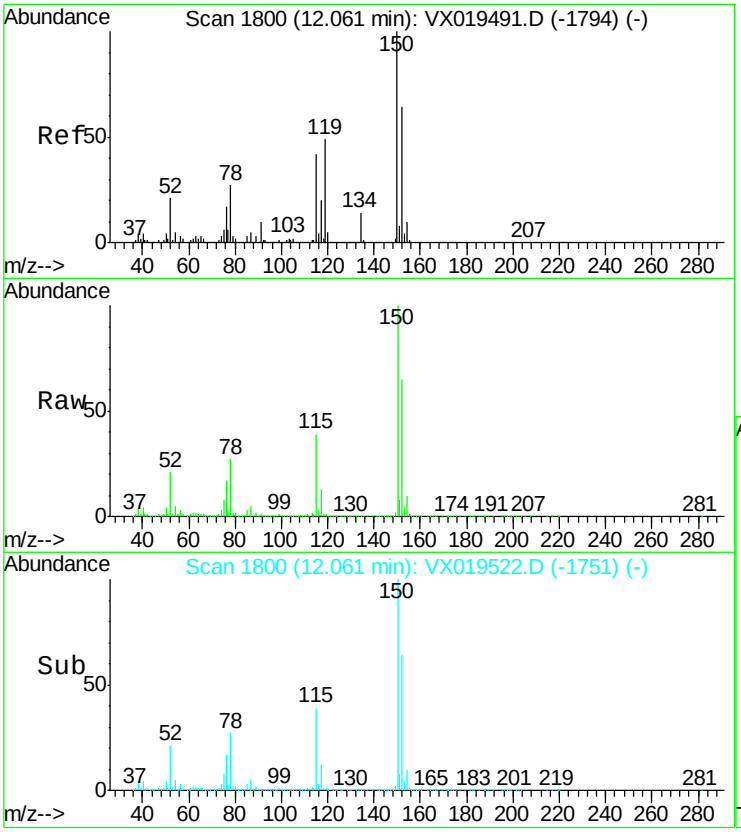


#71
Bromoform
Concen: 3.722 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion:173 Resp: 365

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.8#
254	0.0	0.1	0.1#



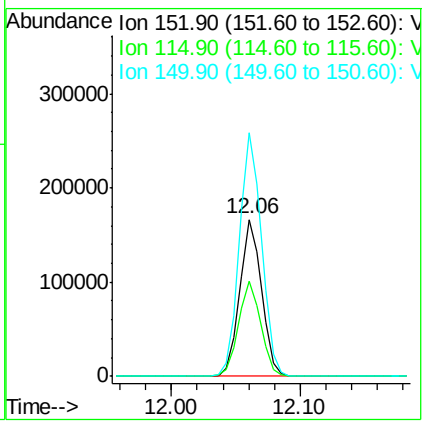


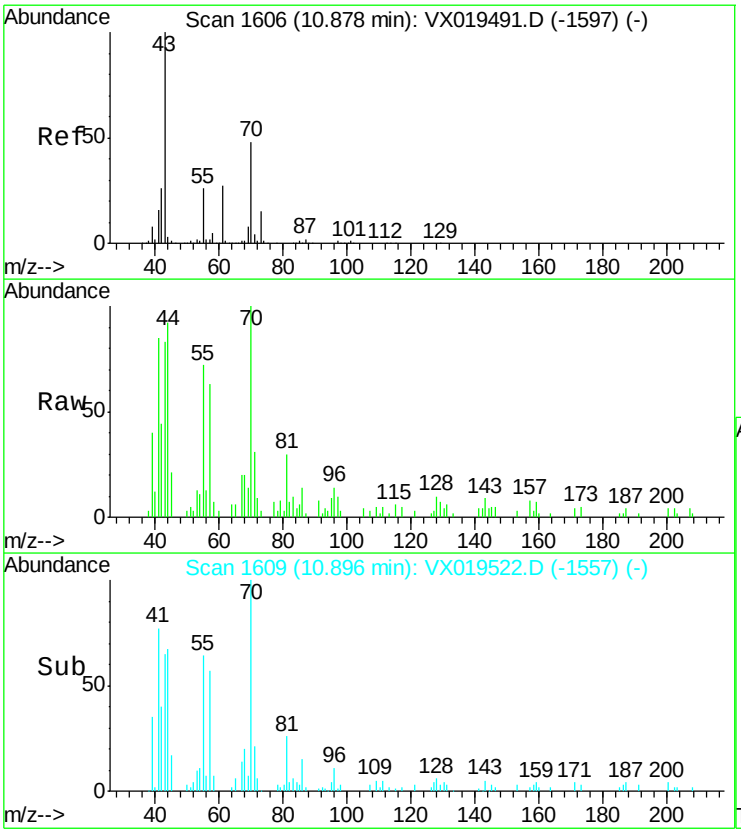
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:152 Resp: 194737

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.8	125.4
150	157.9	0.0	348.2

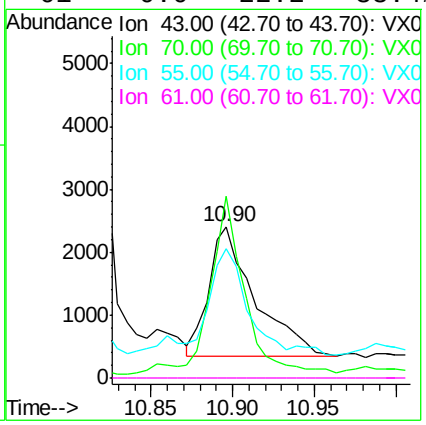


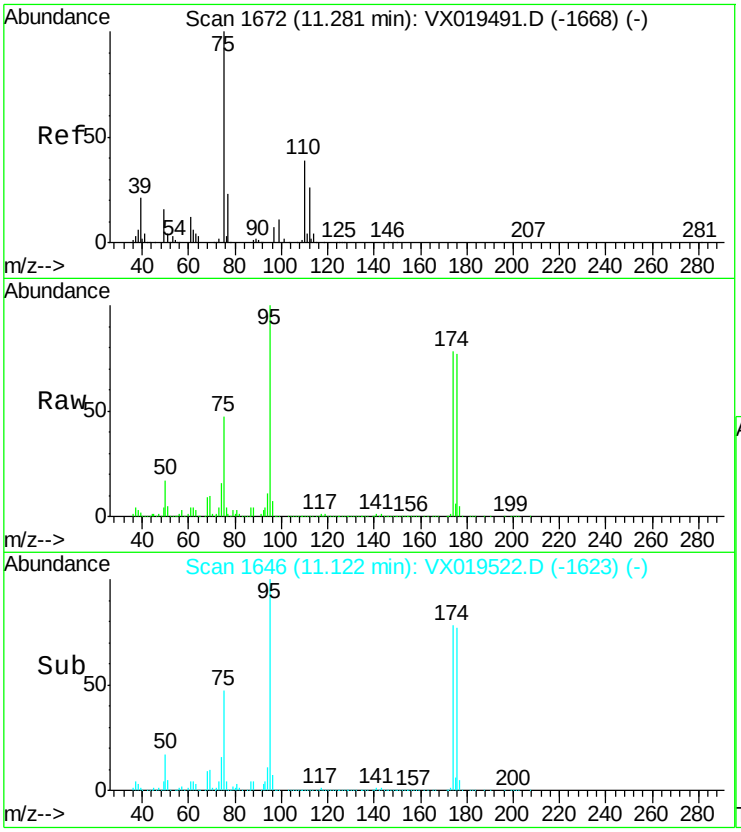


#74
N-amyl acetate
Concen: 0.806 ug/l
RT: 10.90 min Scan# 1609
Delta R.T. 0.02 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 43 Resp: 4071

Ion	Ratio	Lower	Upper
43	100		
70	104.2	39.7	59.5#
55	72.1	21.8	32.6#
61	0.0	22.2	33.4#



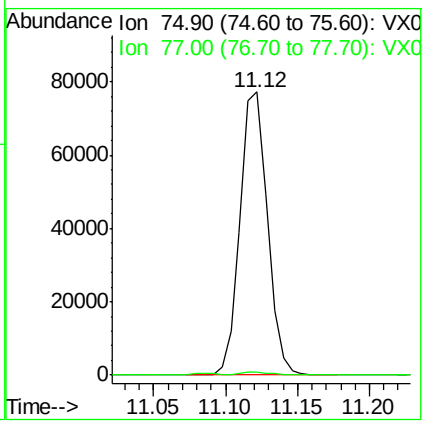


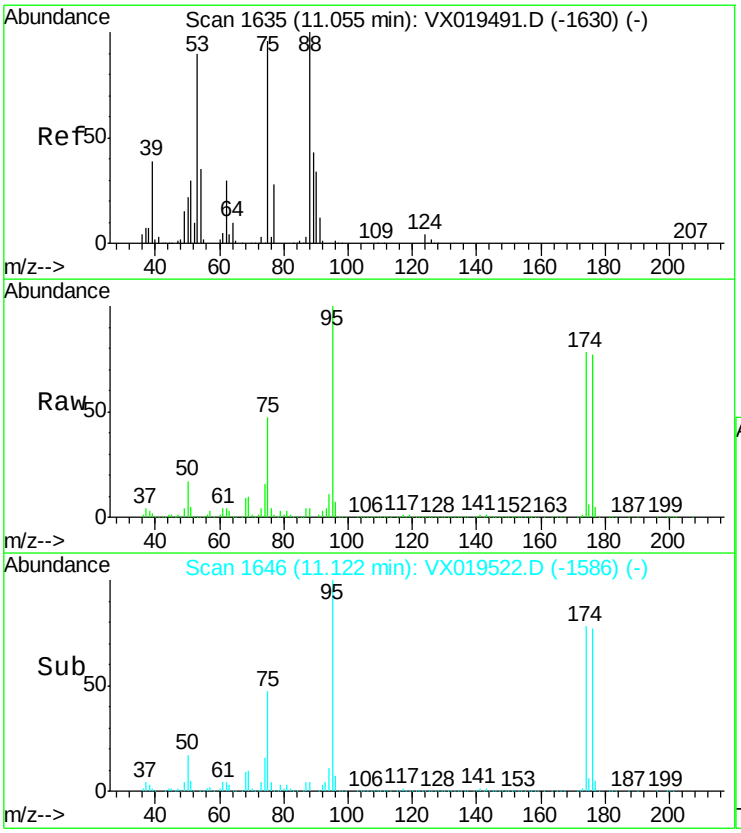
#76
1,2,3-Trichloropropane
Concen: 24.026 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion: 75 Resp: 102107

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	60.0#

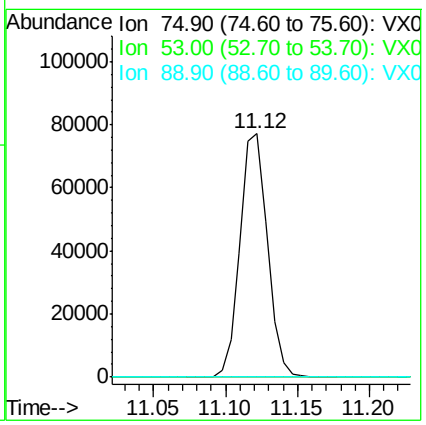


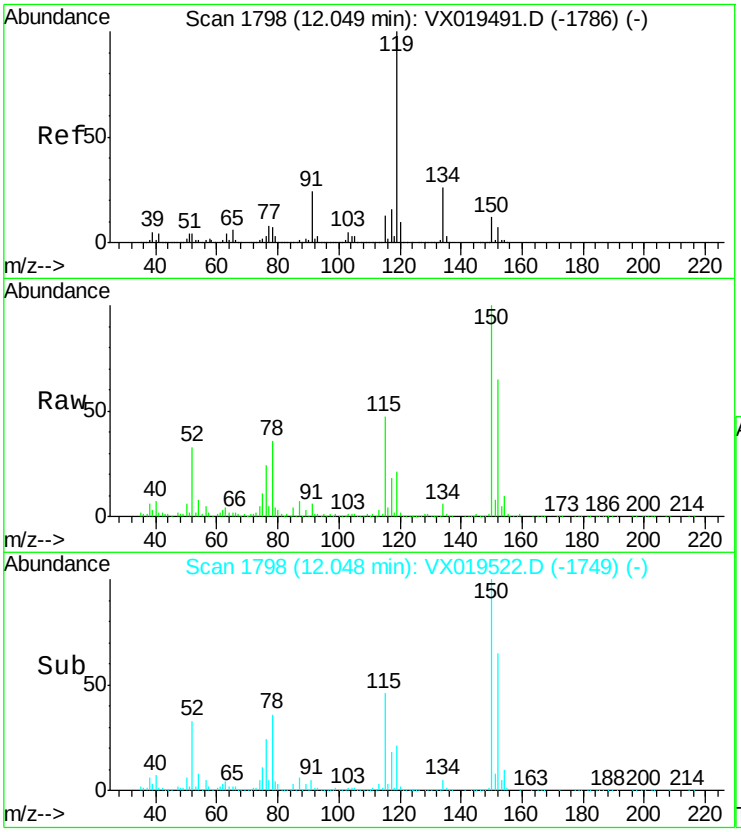


#81
trans-1,4-Dichloro-2-butene
Concen: 63.632 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 75 Resp: 102107

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



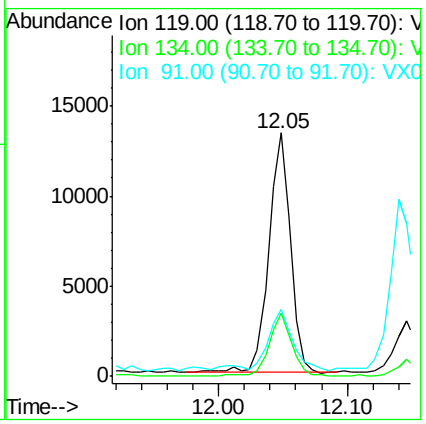


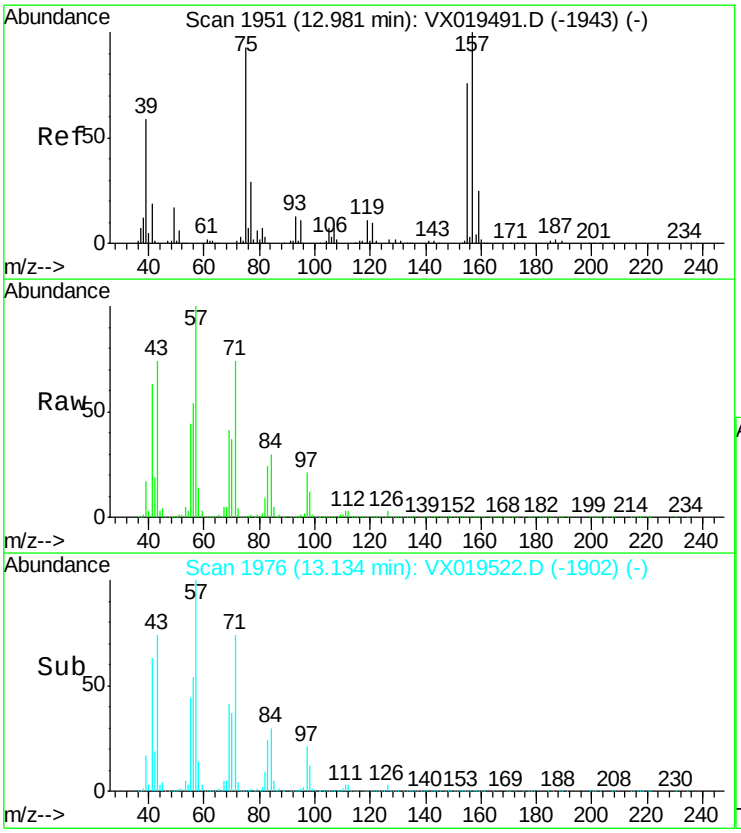
#86
p-Isopropyltoluene
Concen: 1.320 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:119 Resp: 15583

Ion	Ratio	Lower	Upper
119	100		
134	28.0	13.1	39.3
91	28.6	11.8	35.4

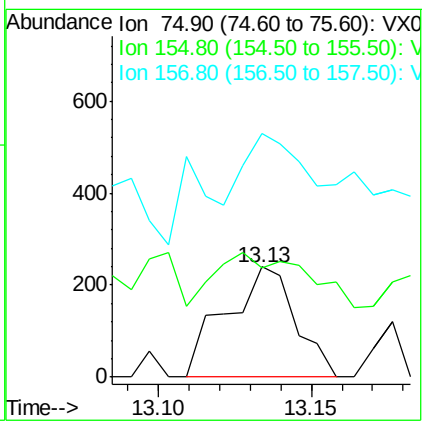


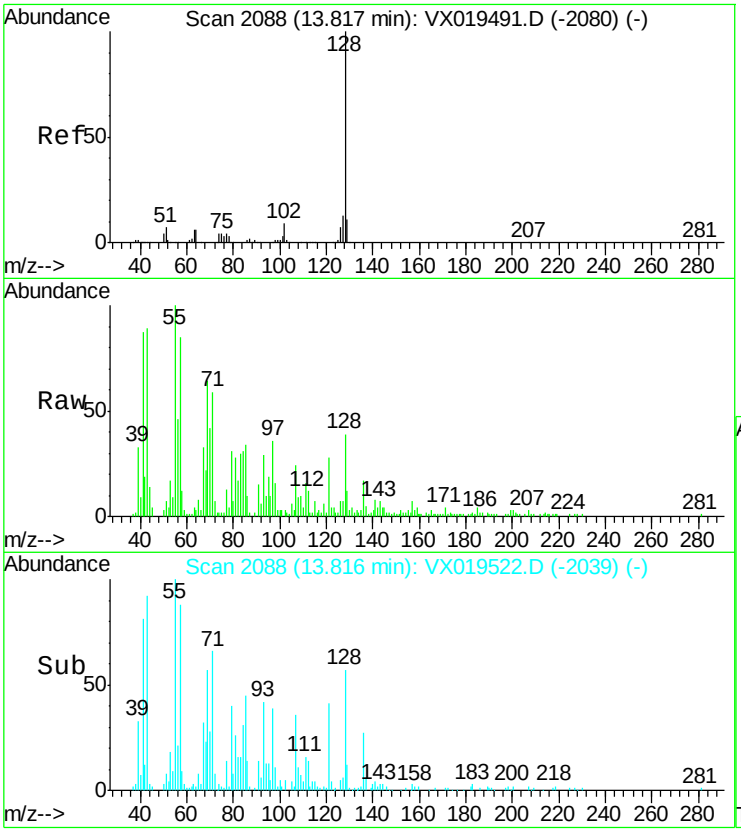


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.386 ug/l
RT: 13.13 min Scan# 1976
Delta R.T. 0.15 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Tgt Ion: 75 Resp: 379

Ion	Ratio	Lower	Upper
75	100		
155	64.1	43.6	130.9
157	141.2	57.0	170.8





#95
Naphthalene
Concen: 2.467 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019522.D
Acq: 21 Nov 2020 03:10

Instrument :
MSVOA_X
ClientSampleId :
1623

Tgt Ion:128 Resp: 4340

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	31.2	8.7	13.1#