Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050820\
Data File : VX016132.D
Acq On : 08 May 2020 19:28
Operator : JC/SP
Sample : L2554-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 09 01:52:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	274230	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	451566	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	445975	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	237731	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	172252	47.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.46%				
35) Dibromofluoromethane	5.47	113	137515	48.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.14%				
50) Toluene-d8	8.70	98	559940	50.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.60%				
62) 4-Bromofluorobenzene	11.12	95	225050	53.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.36%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.00	59	4071	4.461	ug/l	#	84
13) Acrolein	2.28	56	291	0.510	ug/l	#	51
14) Allyl chloride	2.57	41	26449	5.060	ug/l	#	64
16) Acetone	2.42	43	64356	39.970	ug/l		98
17) Carbon Disulfide	2.55	76	1183	Below Cal		#	92
18) Methyl Acetate	2.75	43	5636	1.424	ug/l		99
20) Methylene Chloride	2.84	84	15769	4.751	ug/l		98
25) 2-Butanone	4.64	43	8763	3.377	ug/l		96
29) Tetrahydrofuran	5.11	42	2361	1.373	ug/l		93
31) Cyclohexane	5.63	56	5404	1.078	ug/l	#	1
36) 1,1-Dichloropropene	5.64	75	20279	4.562	ug/l	#	41
37) Ethyl Acetate	4.81	43	3105	0.603	ug/l	#	91
38) Carbon Tetrachloride	5.64	117	26574	5.882	ug/l	#	15
43) Isopropyl Acetate	6.42	43	98997	12.043	ug/l		99
48) Methyl methacrylate	7.65	41	6308	1.619	ug/l	#	14
49) 1,4-Dioxane	7.73	88	20	0.214	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	97517	19.386	ug/l	#	45
54) cis-1,3-Dichloropropene	8.60	75	42110	7.424	ug/l	#	56
57) 1,3-Dichloropropane	9.52	76	7776	1.397	ug/l	#	46
59) 2-Hexanone	9.52	43	97116	24.584	ug/l	#	48
74) N-amyl acetate	10.81	43	5051	0.626	ug/l	#	46
75) 1,1,2,2-Tetrachloroethane	11.13	83	204	2.112	ug/l	#	1
76) 1,2,3-Trichloropropane	11.12	75	113076	20.961	ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.49	105	3493	0.239	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.12	75	113076	49.951	ug/l	#	13
84) 1,2,4-Trimethylbenzene	11.79	105	12530	0.849	ug/l		100
89) n-Butylbenzene	12.37	91	3026	0.210	ug/l	#	37
90) Hexachloroethane	12.57	117	777	0.287	ug/l	#	10
95) Naphthalene	13.82	128	27418	1.482	ug/l	#	96

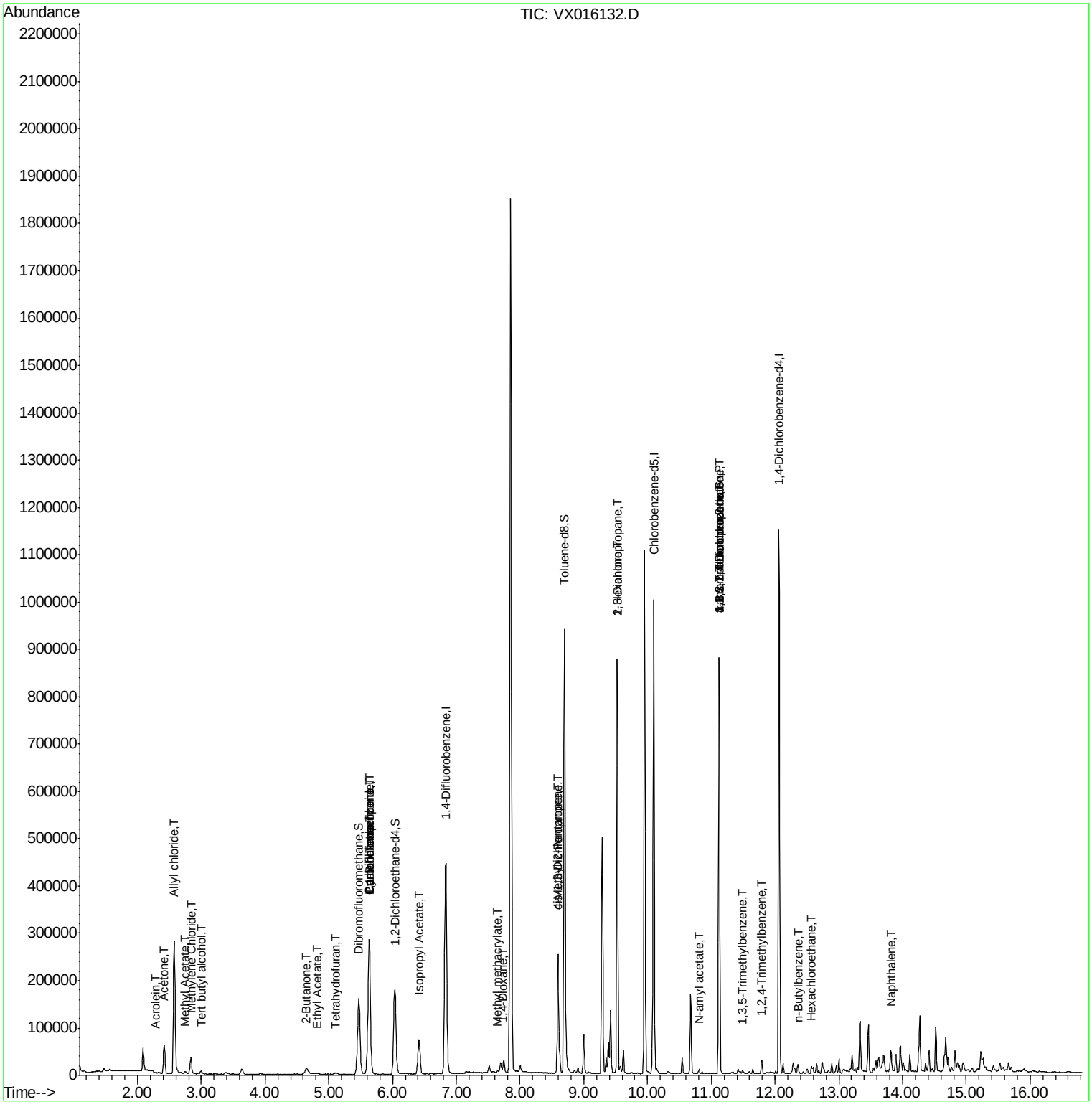
(#) = qualifier out of range (m) = manual integration (+) = signals summed

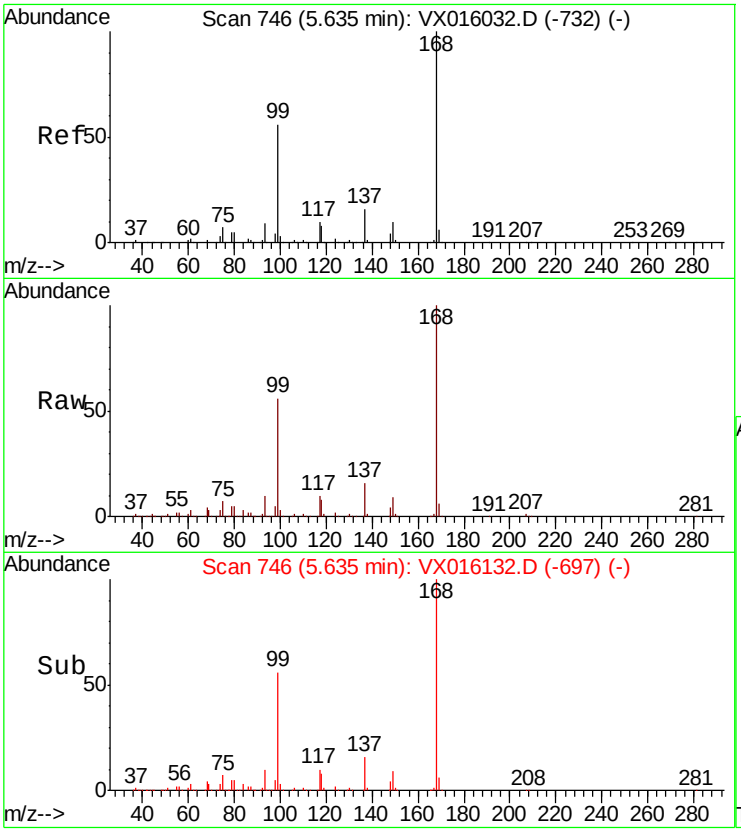
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050820\
Data File : VX016132.D
Acq On : 08 May 2020 19:28
Operator : JC/SP
Sample : L2554-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 09 01:52:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



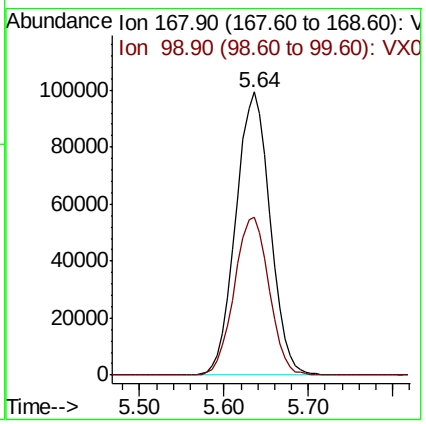


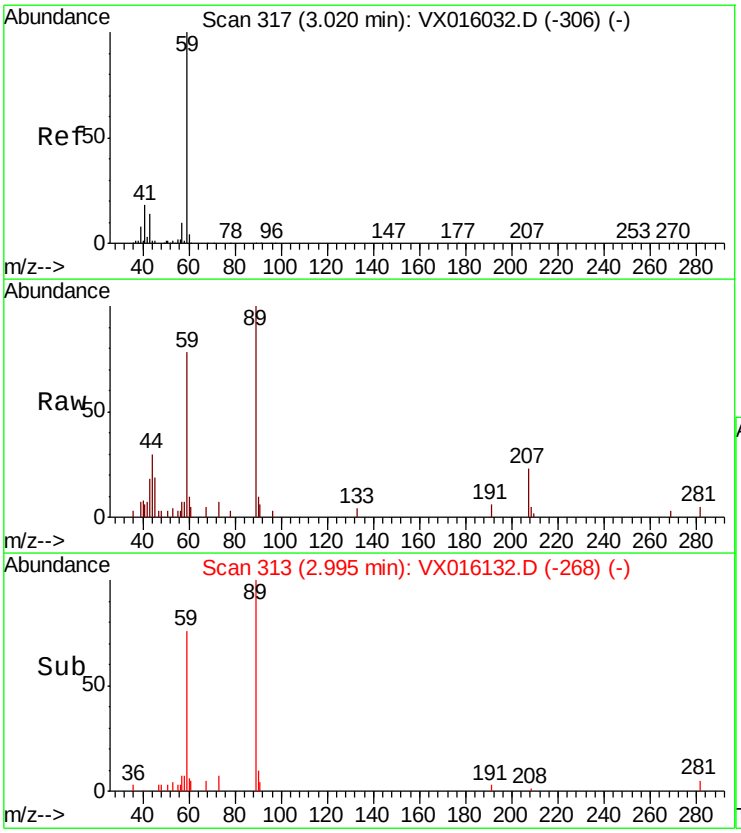
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 274230

Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.0	67.4

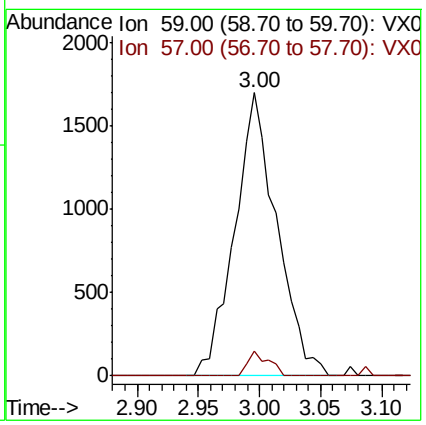


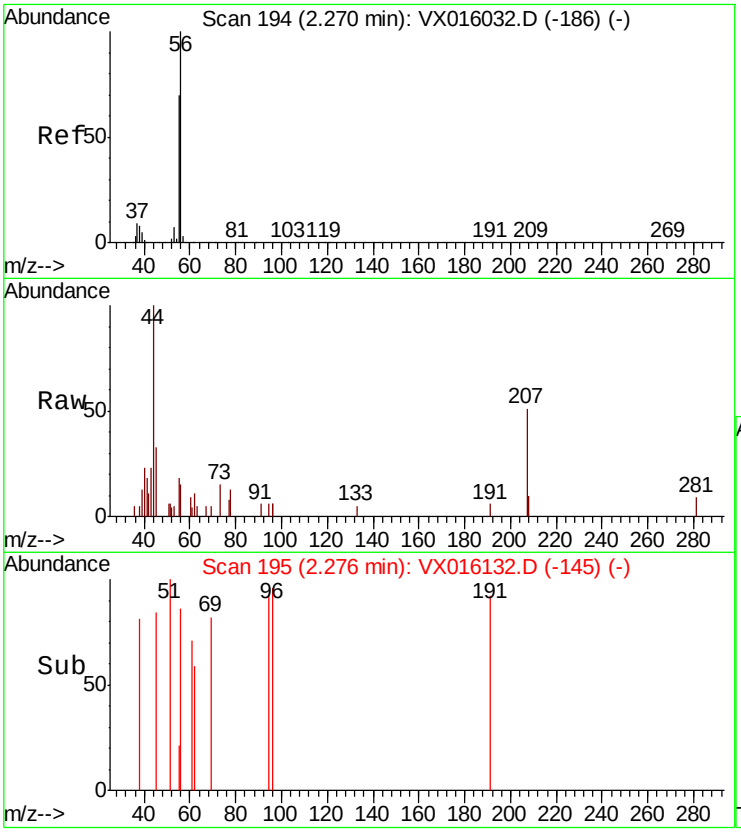


#11
Tert butyl alcohol
Concen: 4.461 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 59 Resp: 4071

Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.4#



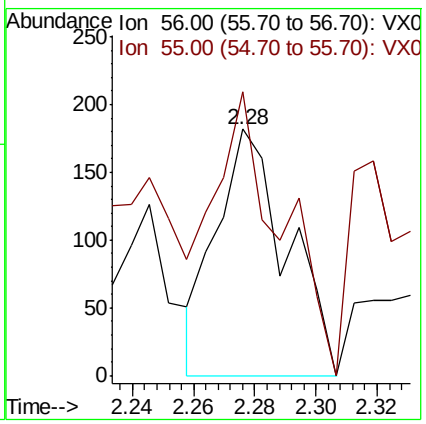


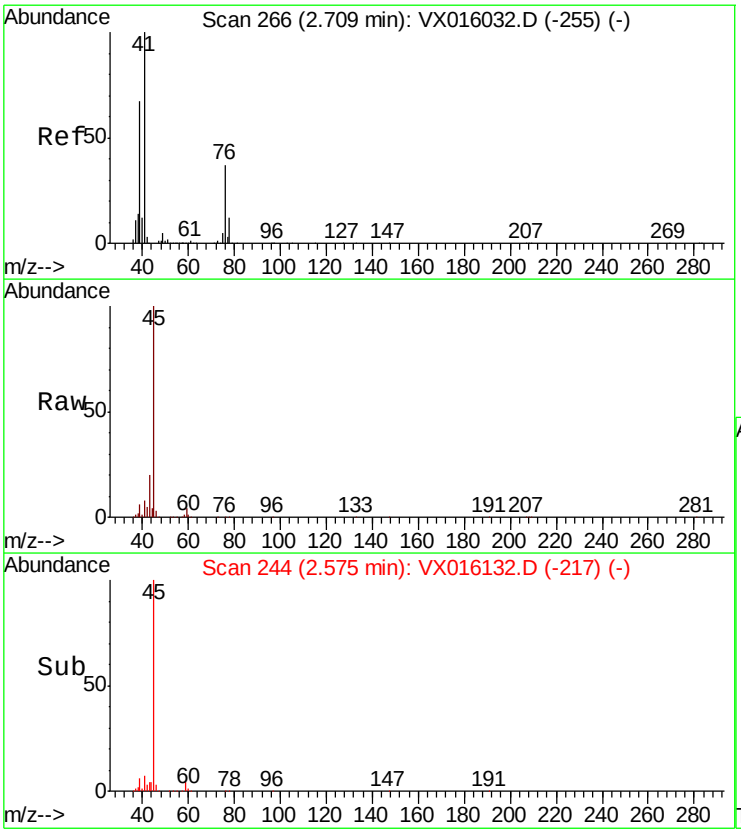
#13
Acrolein
Concen: 0.510 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 291

Ion	Ratio	Lower	Upper
56	100		
55	110.7	56.5	84.7#

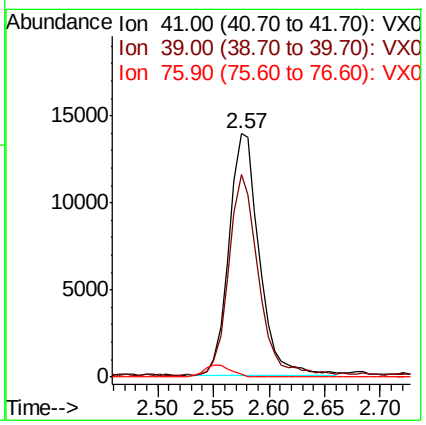


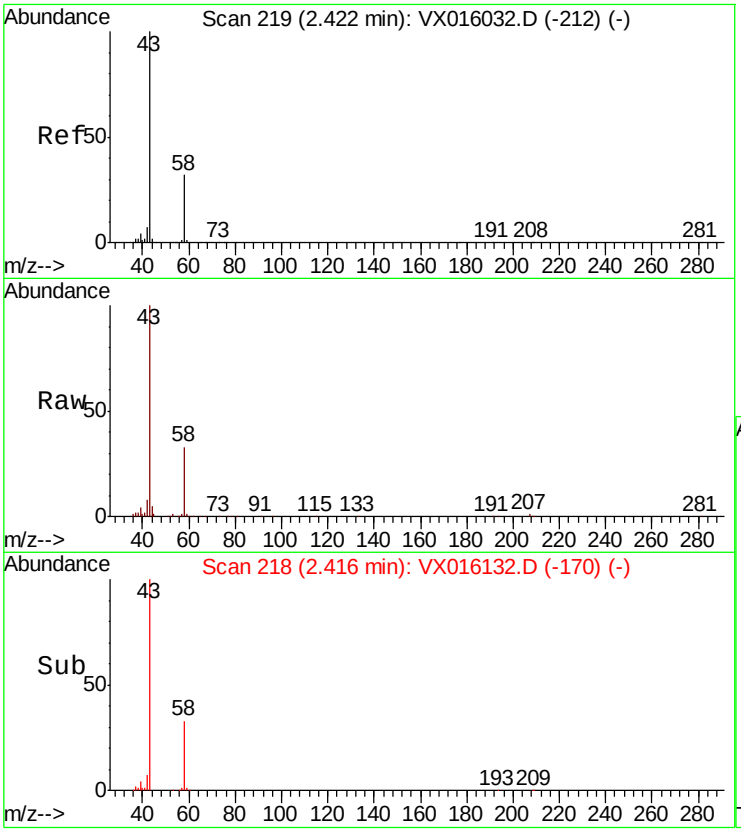


#14
Allyl chloride
Concen: 5.060 ug/l
RT: 2.57 min Scan# 244
Delta R.T. -0.13 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 41 Resp: 26449

Ion	Ratio	Lower	Upper
41	100		
39	81.5	50.5	75.7#
76	0.0	26.6	40.0#

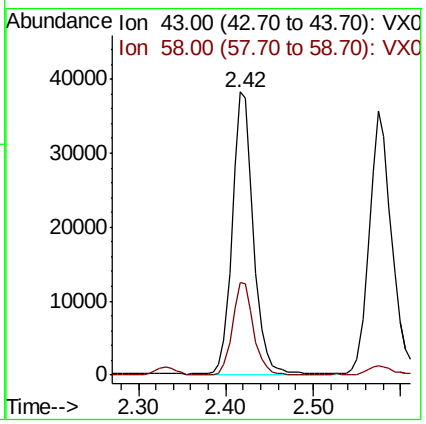




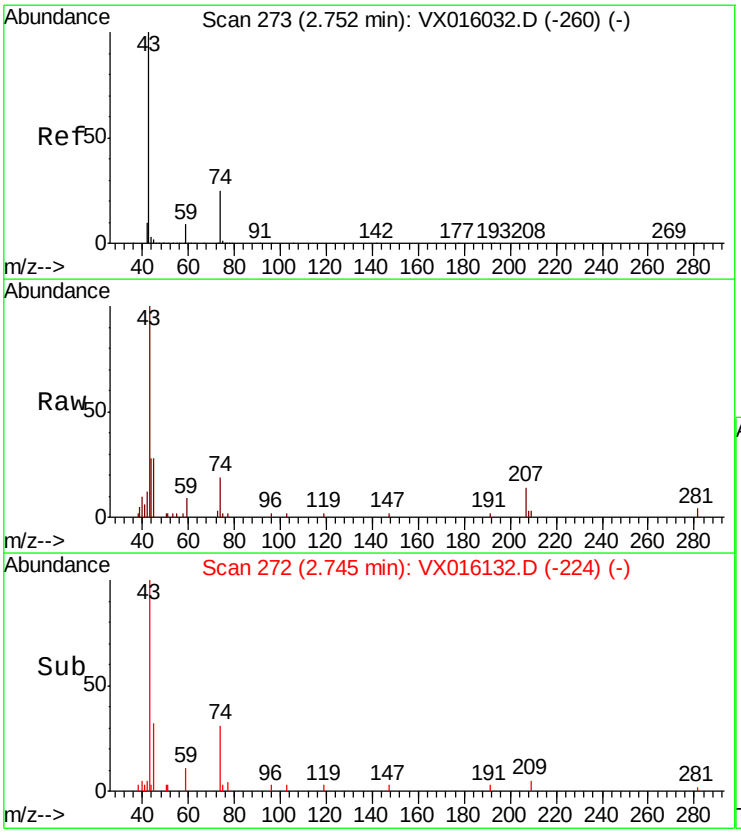
#16
Acetone
Concen: 39.970 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 64356

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.0



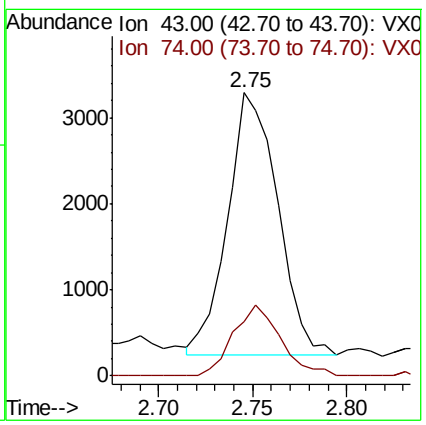
Instrument :
MSVOA_X
ClientSampleId :

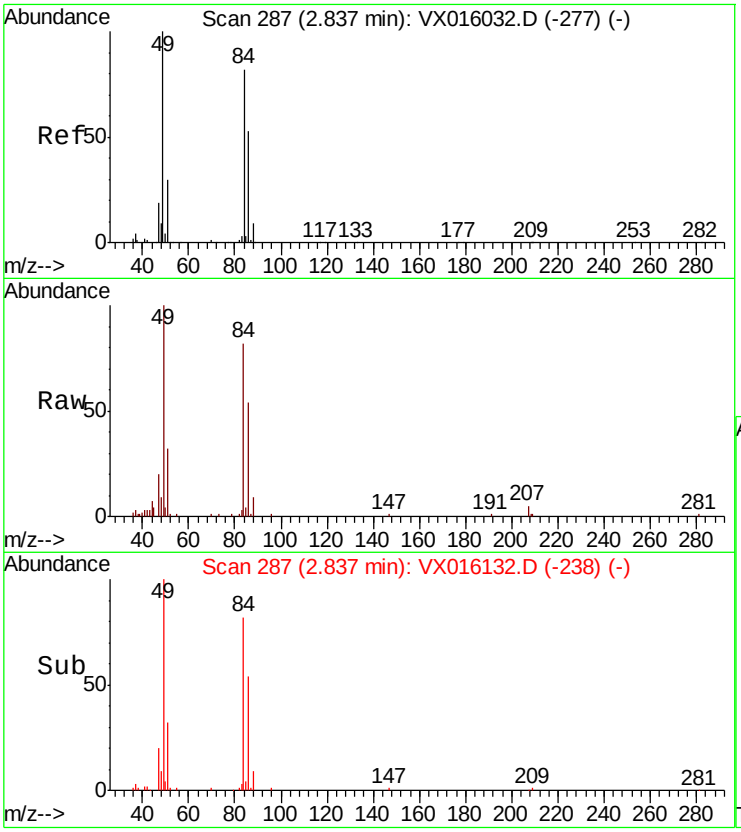


#18
Methyl Acetate
Concen: 1.424 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 5636

Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.2



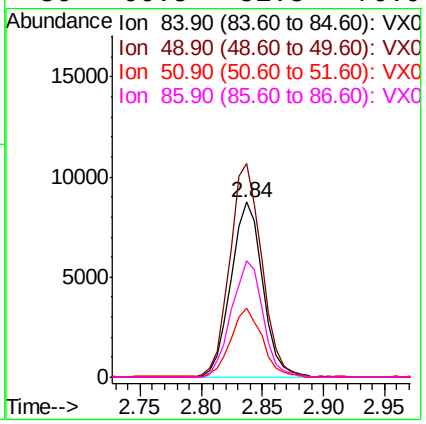


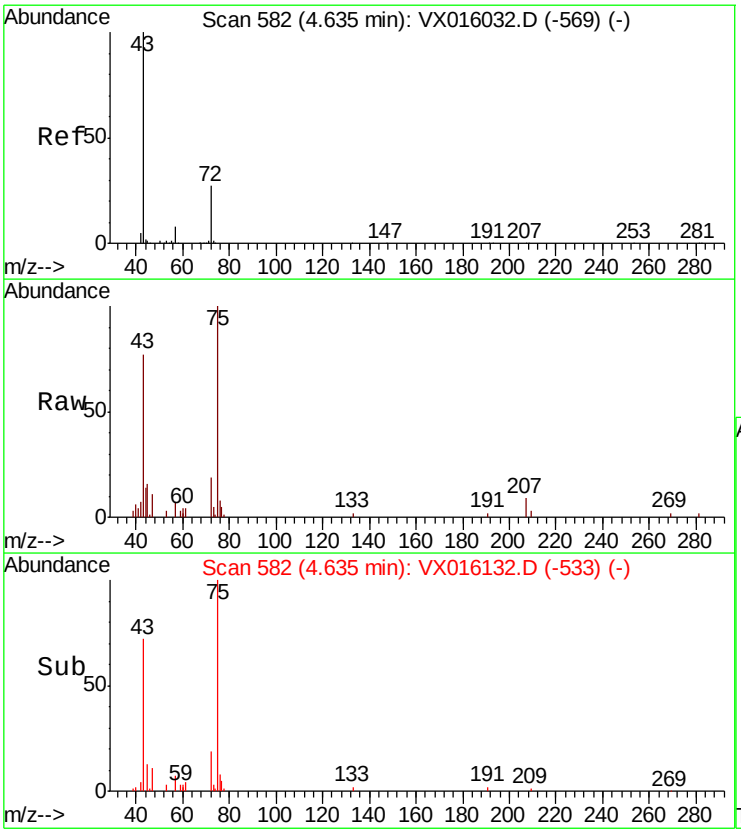
#20
Methylene Chloride
Concen: 4.751 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 15769

Ion	Ratio	Lower	Upper
84	100		
49	122.1	97.3	145.9
51	38.6	29.3	43.9
86	66.5	51.3	76.9

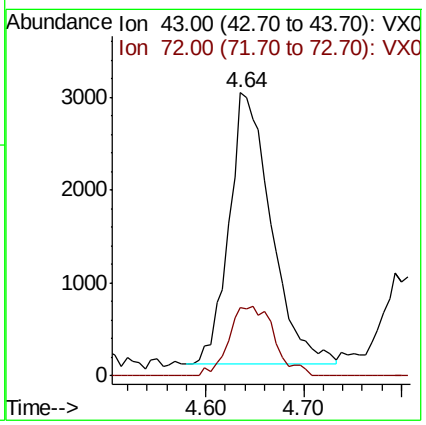


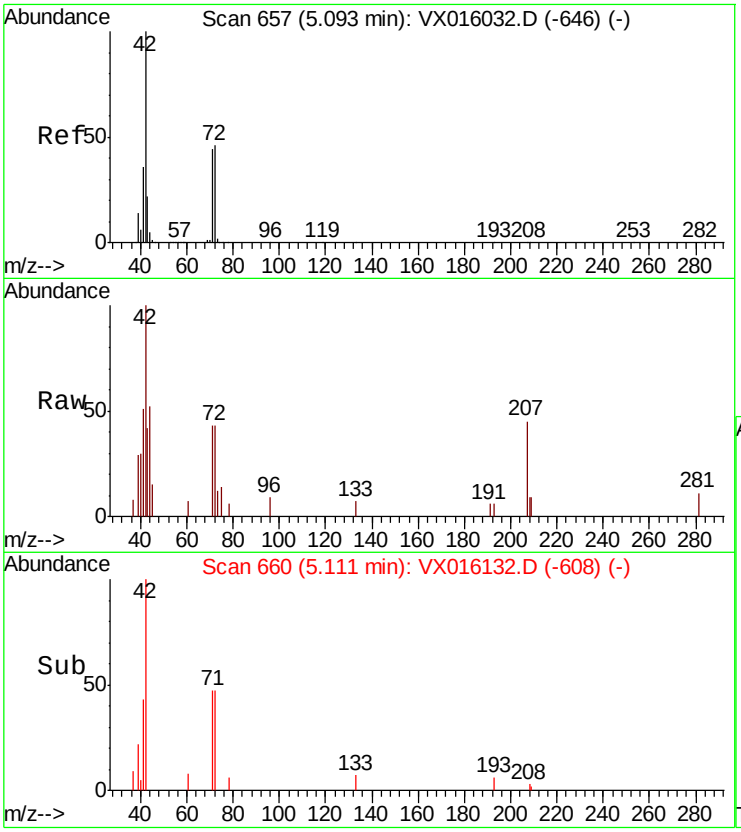


#25
2-Butanone
Concen: 3.377 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 8763

Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.8	32.8



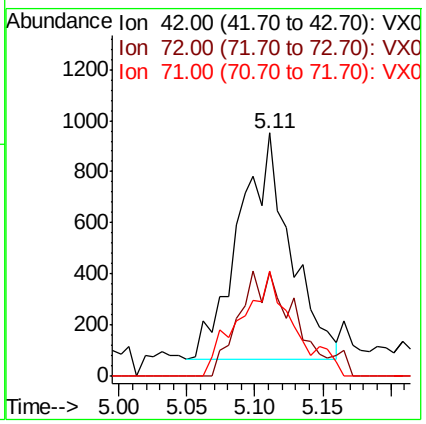


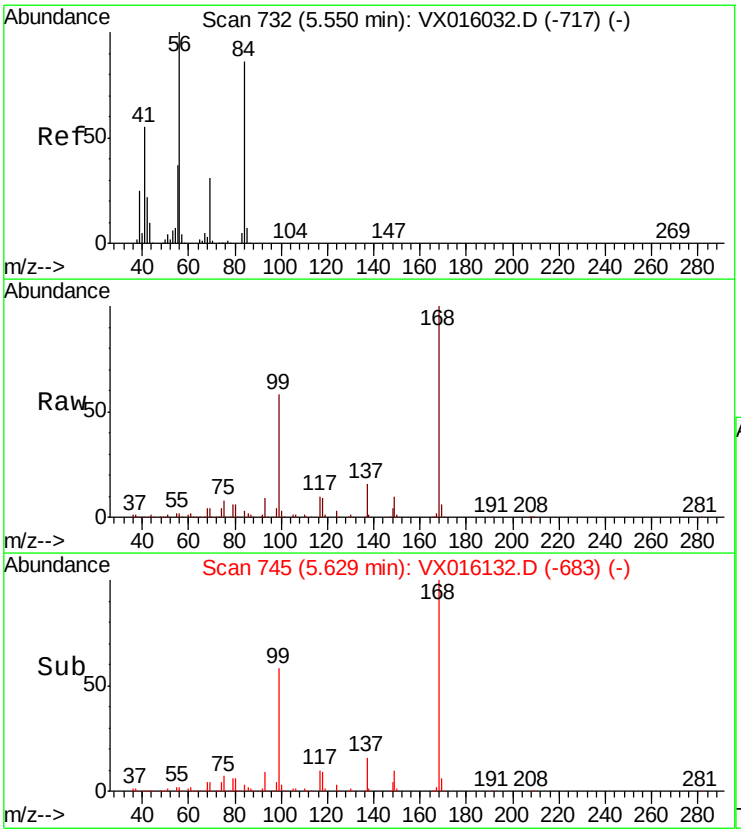
#29
Tetrahydrofuran
Concen: 1.373 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 2361

Ion	Ratio	Lower	Upper
42	100		
72	50.9	37.1	55.7
71	47.9	34.5	51.7

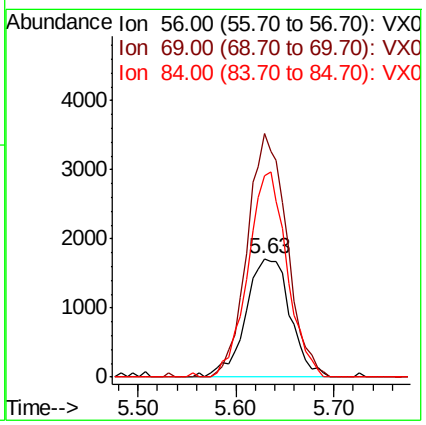


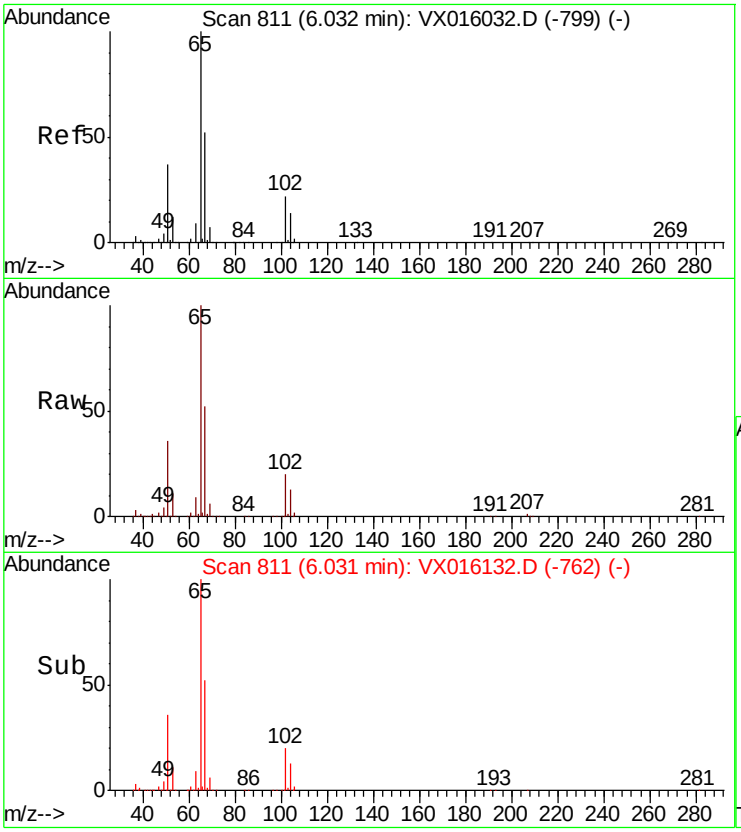


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 56 Resp: 5404

Ion	Ratio	Lower	Upper
56	100		
69	205.2	25.0	37.6#
84	170.0	69.0	103.6#



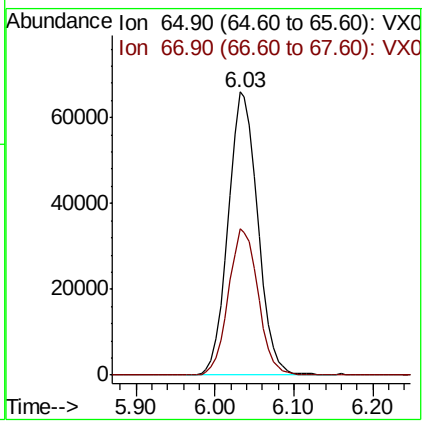


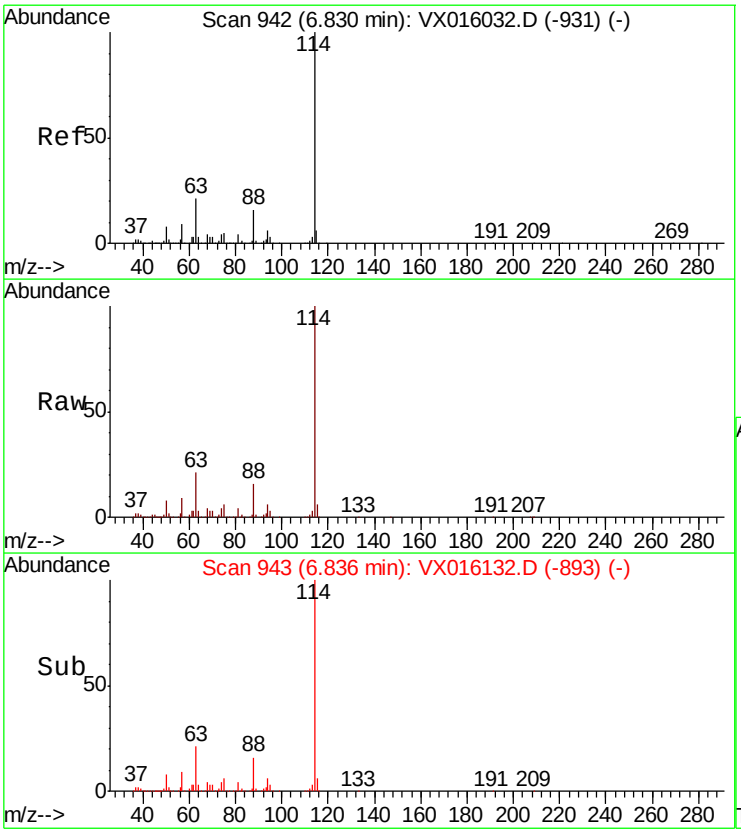
#33
1,2-Dichloroethane-d4
Concen: 47.734 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 172252

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.8

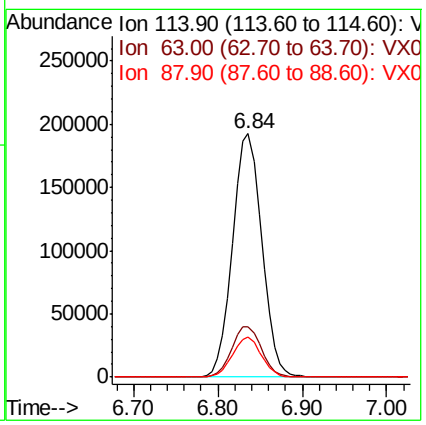


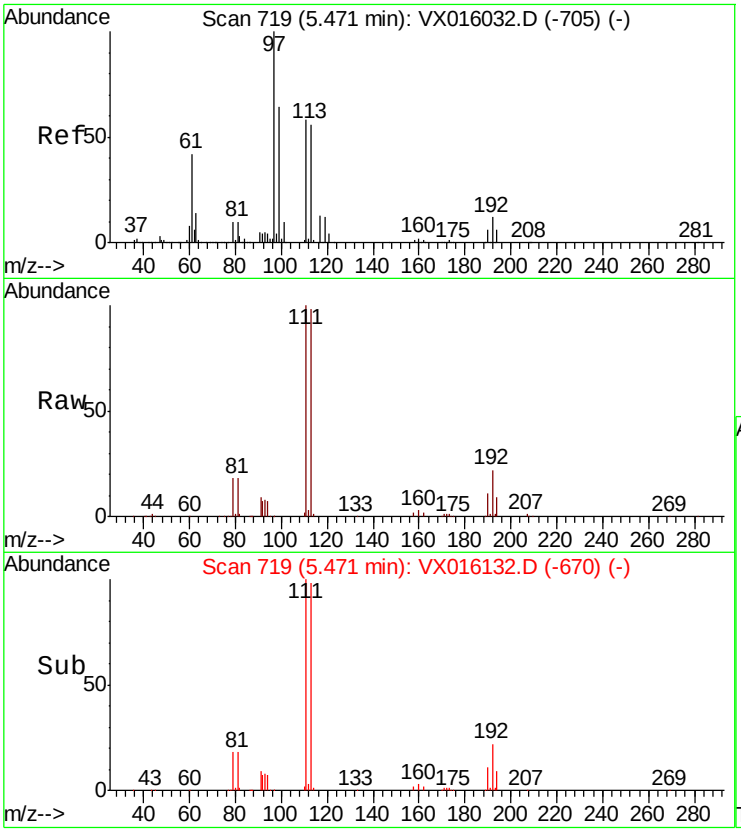


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion:114 Resp: 451566

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	16.3	0.0	31.4



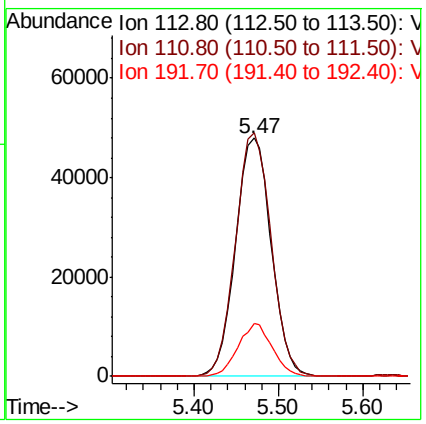


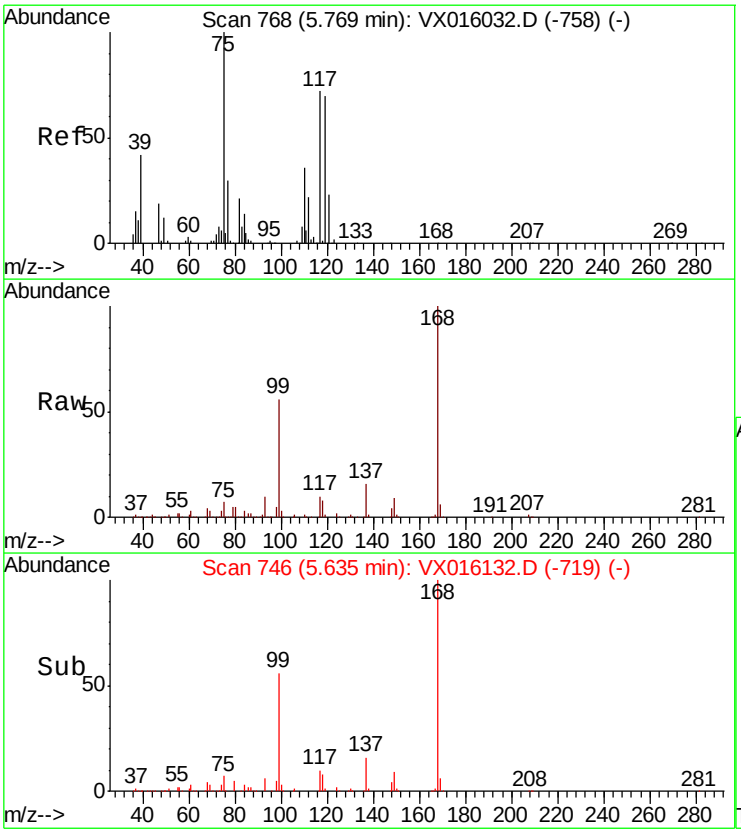
#35
Dibromofluoromethane
Concen: 48.068 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 137515

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	21.3	17.0	25.4

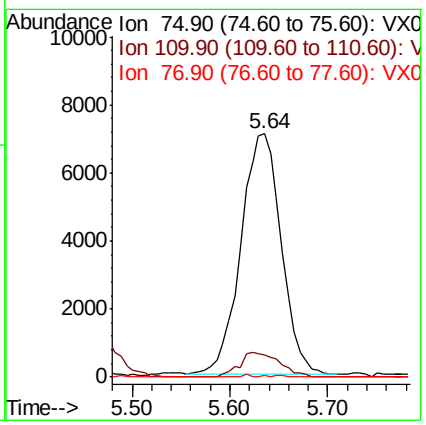


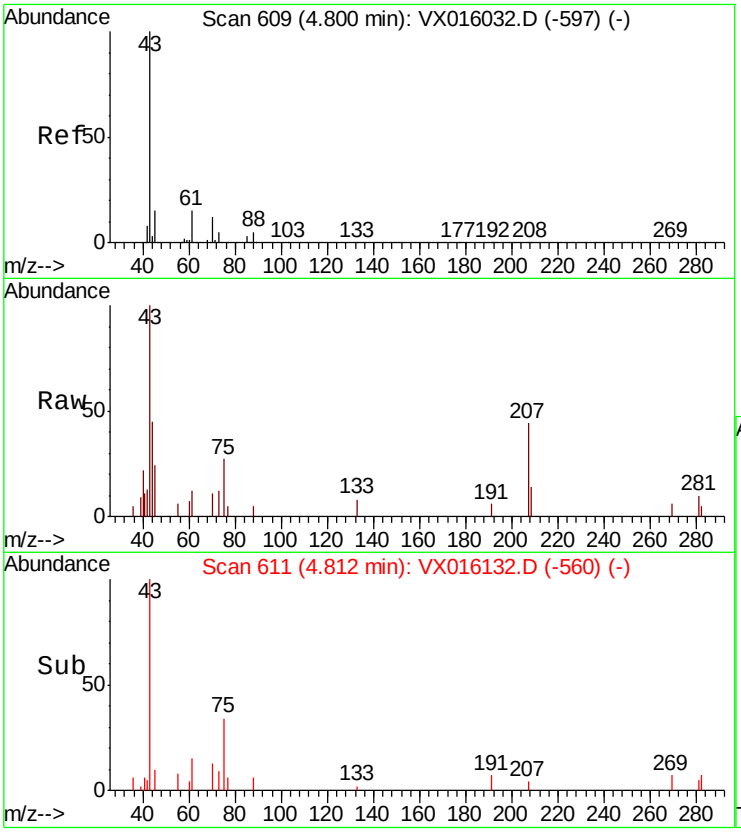


#36
1,1-Dichloropropene
Concen: 4.562 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 75 Resp: 20279

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.3	25.0	37.6#



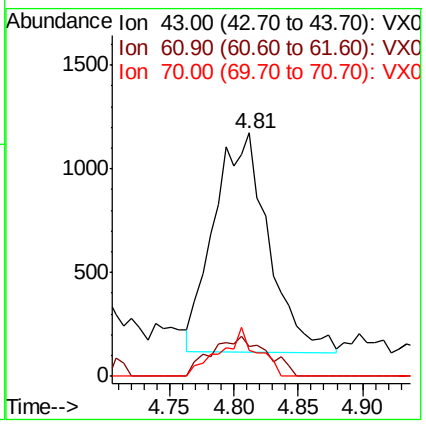


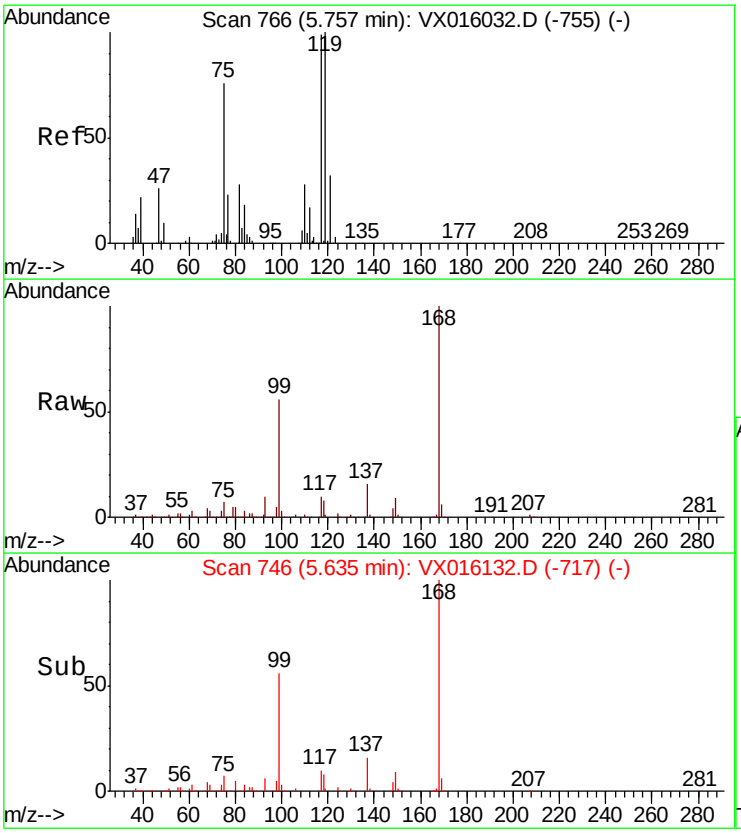
#37
Ethyl Acetate
Concen: 0.603 ug/l
RT: 4.81 min Scan# 611
Delta R.T. 0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3105

Ion	Ratio	Lower	Upper
43	100		
61	18.6	11.7	17.5#
70	15.0	9.3	13.9#

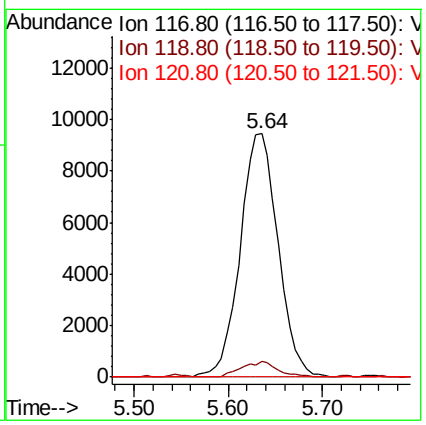


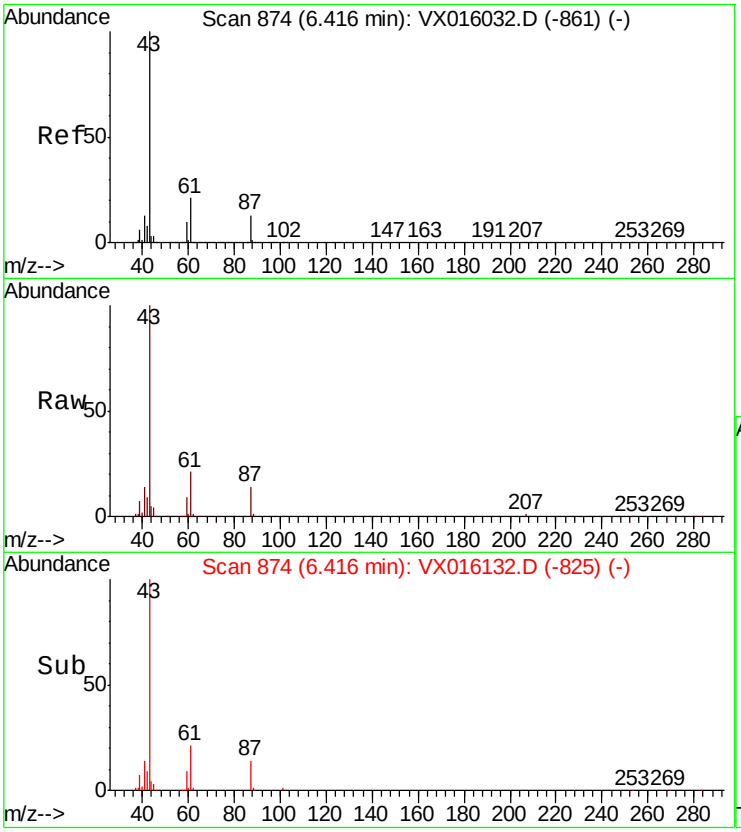


#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion:117 Resp: 26574

Ion	Ratio	Lower	Upper
117	100		
119	6.4	80.3	120.5#
121	0.0	25.7	38.5#



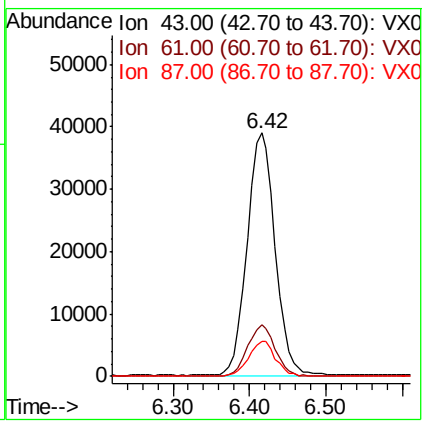


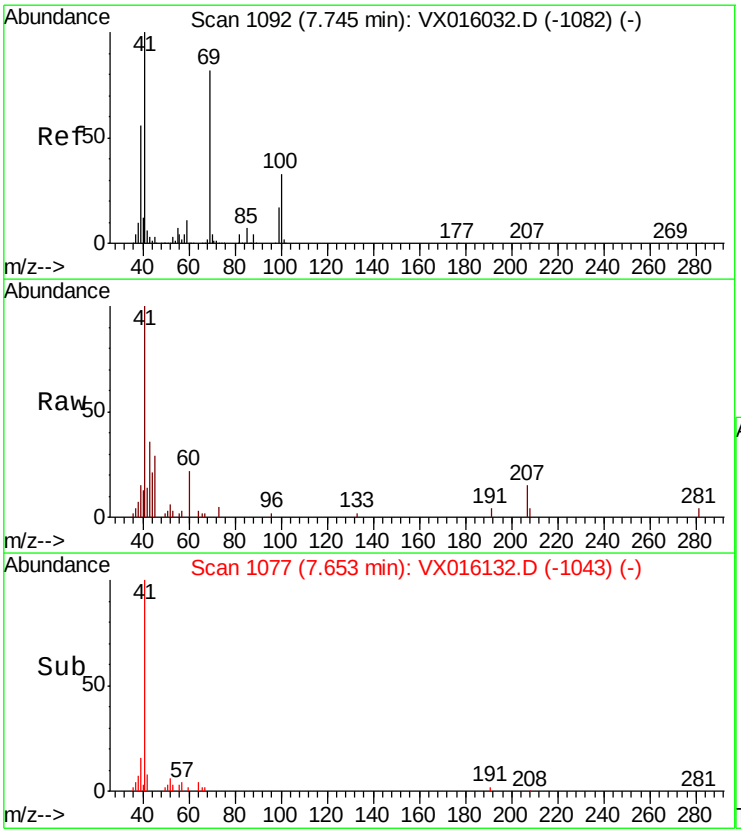
#43
Isopropyl Acetate
Concen: 12.043 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 98997

Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.0	25.4
87	14.0	11.0	16.6

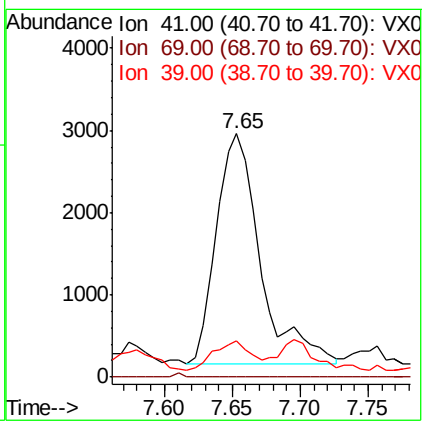


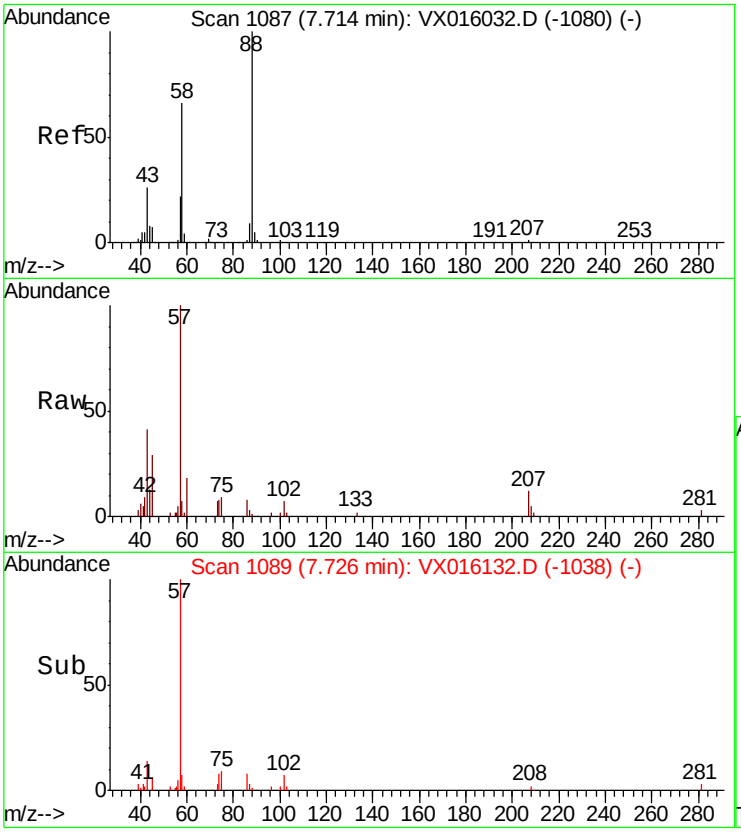


#48
Methyl methacrylate
Concen: 1.619 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 41 Resp: 6308

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.8	101.6#
39	0.0	44.6	67.0#



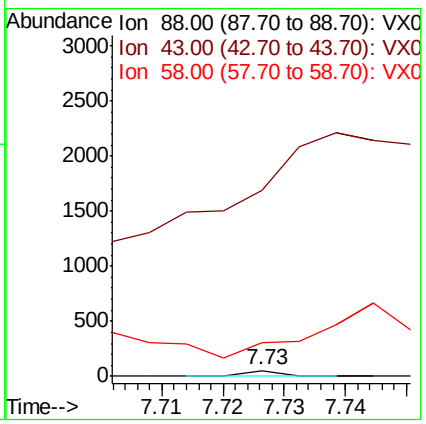


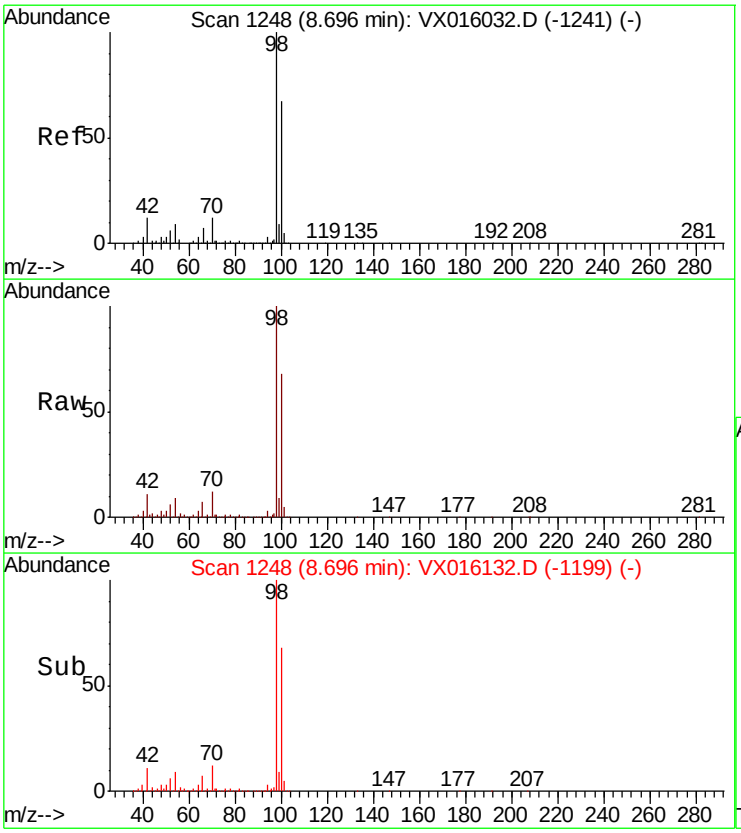
#49
1,4-Dioxane
Concen: 0.214 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	5260.0	55.9	83.9#

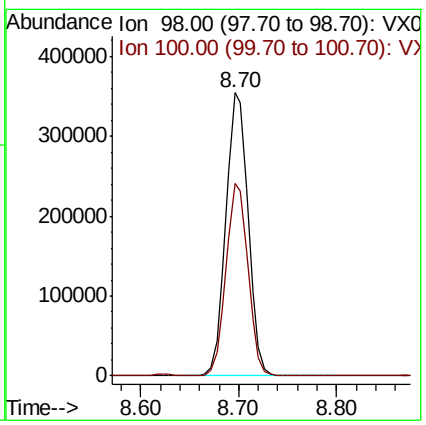


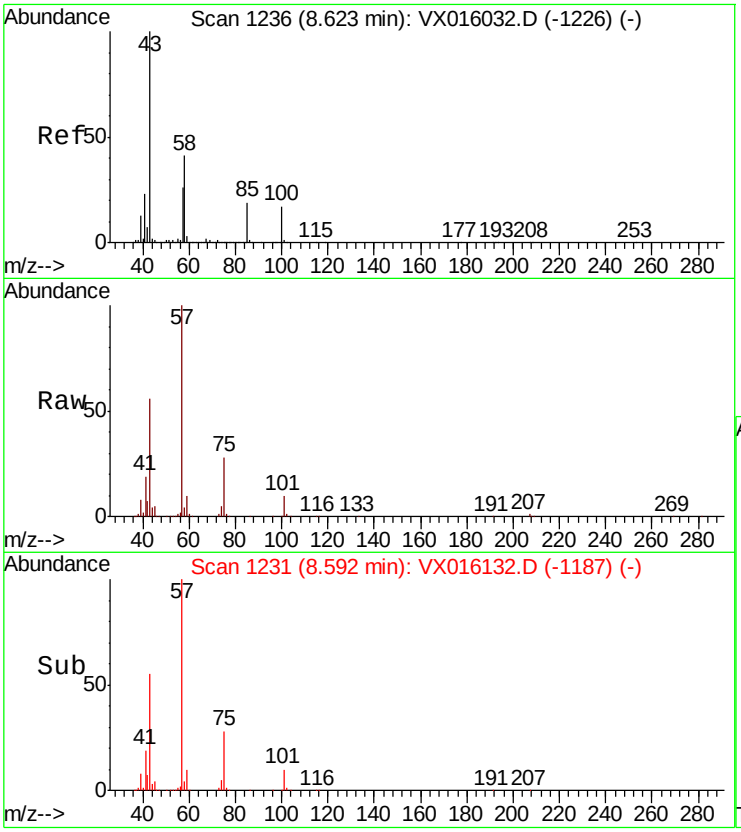


#50
Toluene-d8
Concen: 50.797 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 98 Resp: 559940

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.7	80.5



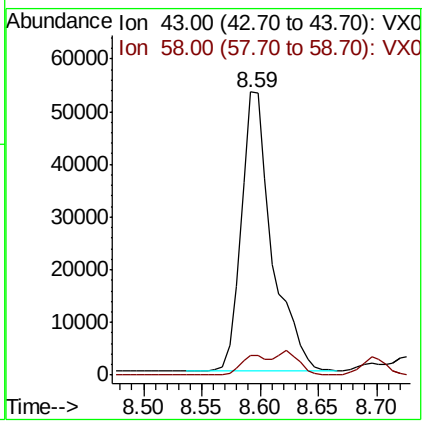


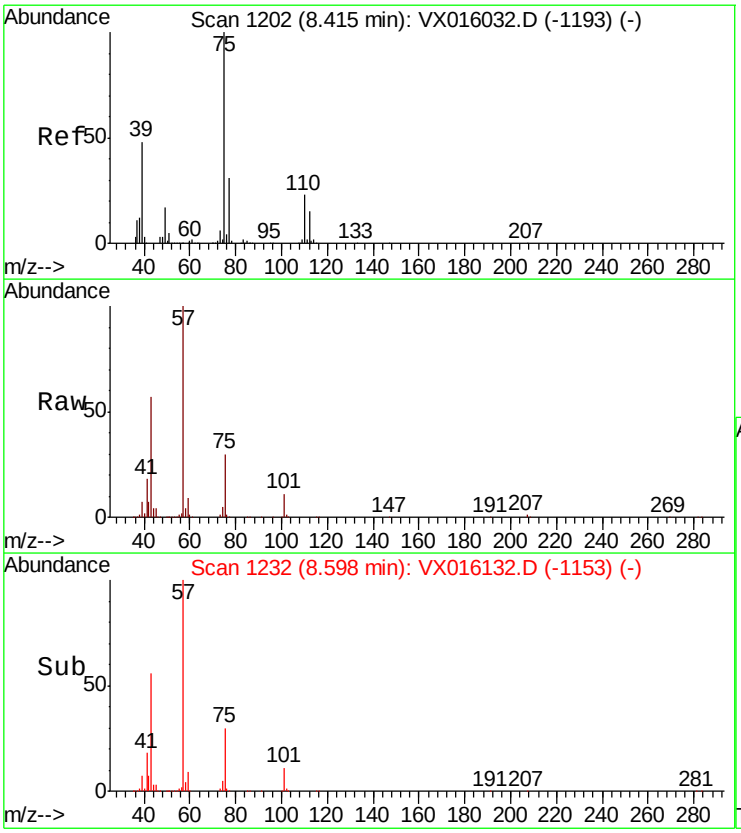
#51
4-Methyl-2-Pentanone
Concen: 19.386 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 97517

Ion	Ratio	Lower	Upper
43	100		
58	6.8	33.0	49.4#

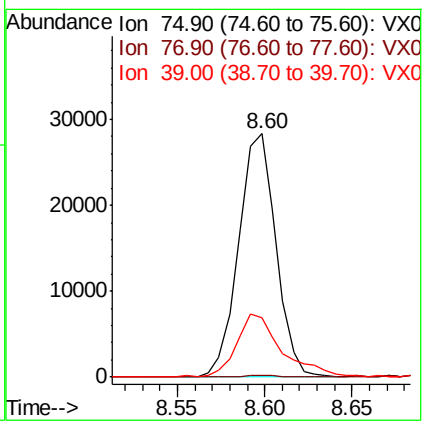


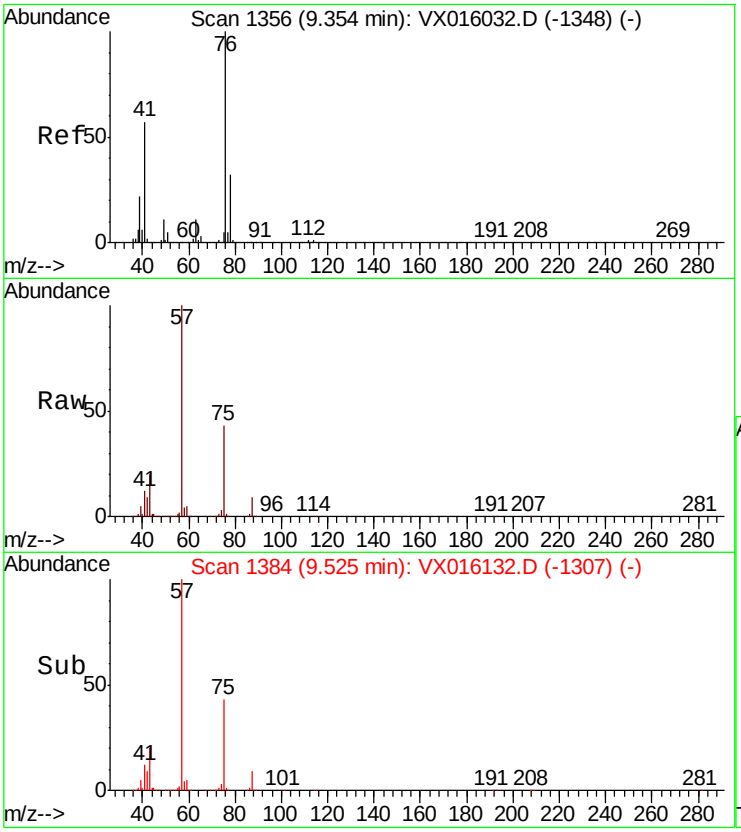


#54
cis-1,3-Dichloropropene
Concen: 7.424 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 75 Resp: 42110

Ion	Ratio	Lower	Upper
75	100		
77	0.4	24.7	37.1#
39	23.4	38.7	58.1#



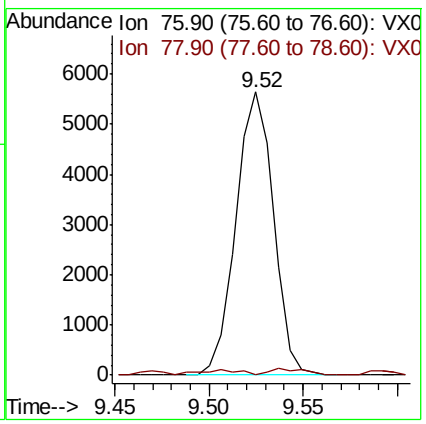


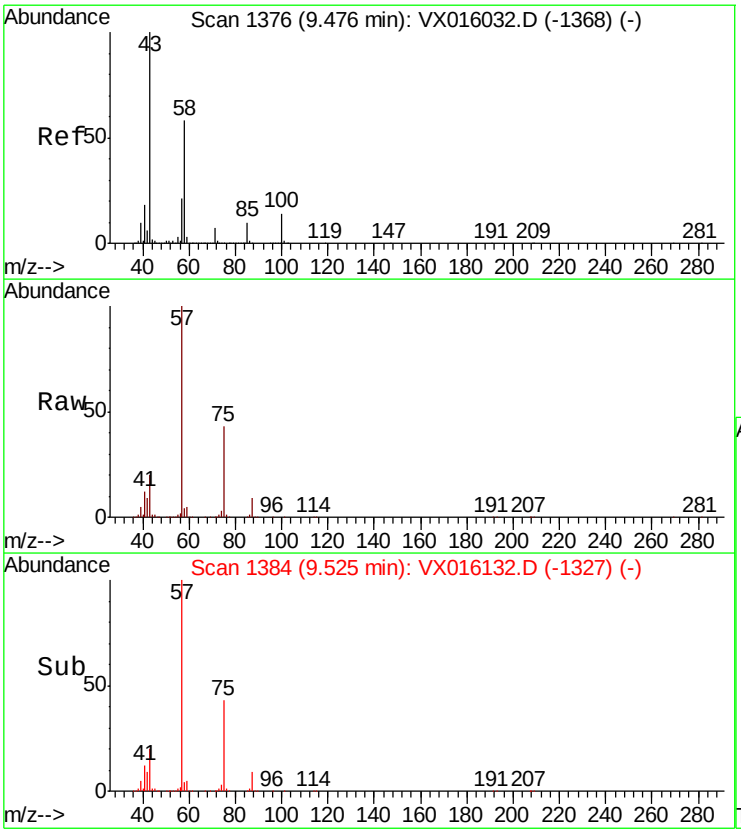
#57
1,3-Dichloropropane
Concen: 1.397 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 7776

Ion	Ratio	Lower	Upper
76	100		
78	2.2	25.9	38.9#

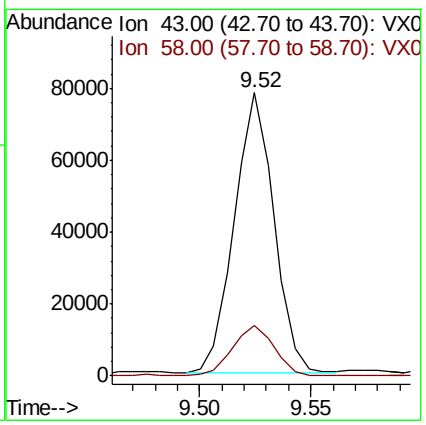


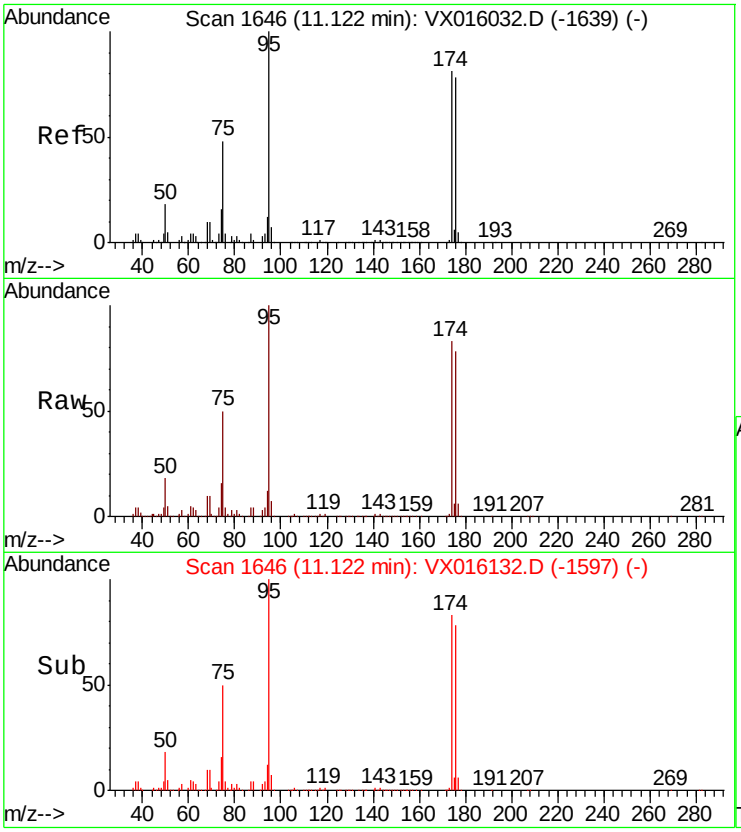


#59
2-Hexanone
Concen: 24.584 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 97116

Ion	Ratio	Lower	Upper
43	100		
58	18.7	28.6	85.9#



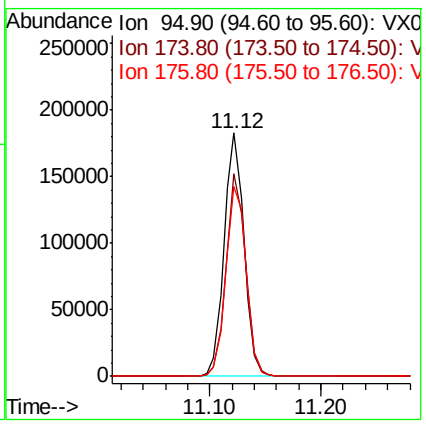


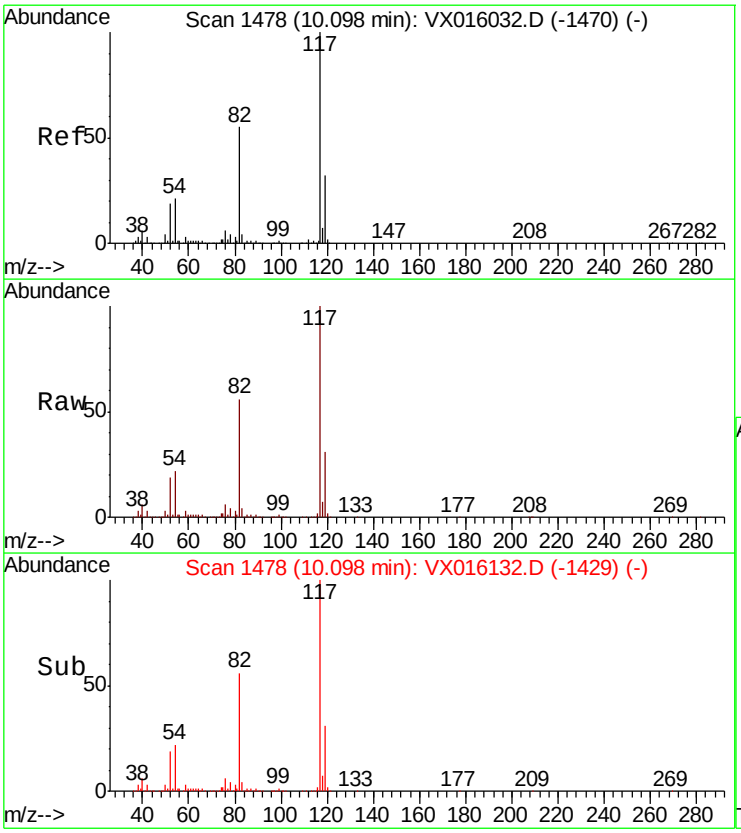
#62
4-Bromofluorobenzene
Concen: 53.677 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 225050

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	159.4
176	79.7	0.0	157.6

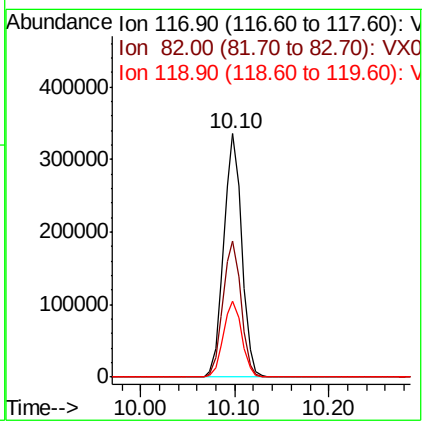


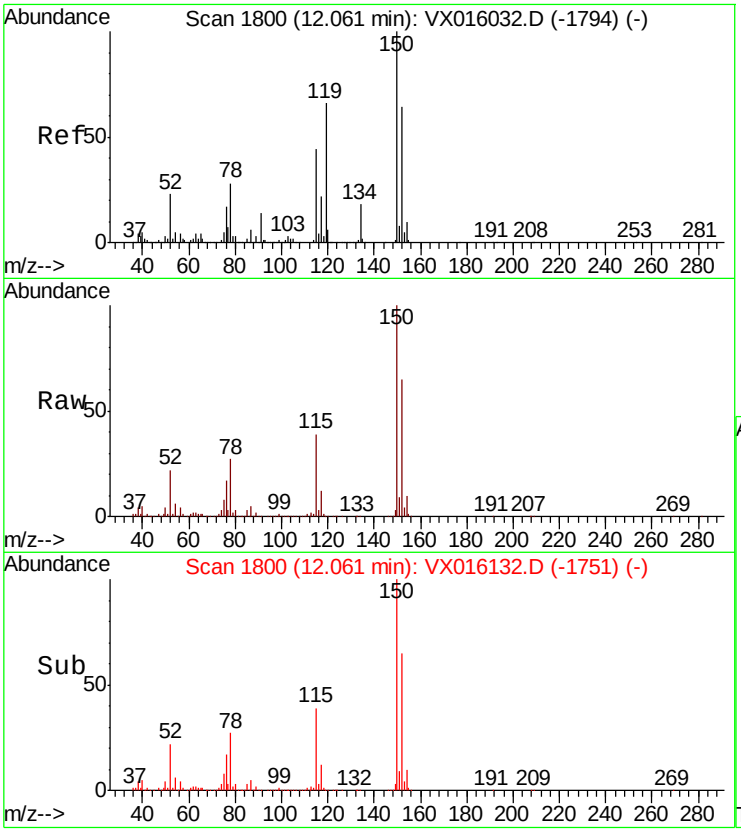


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion:117 Resp: 445975

Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.4	66.6
119	31.4	25.5	38.3



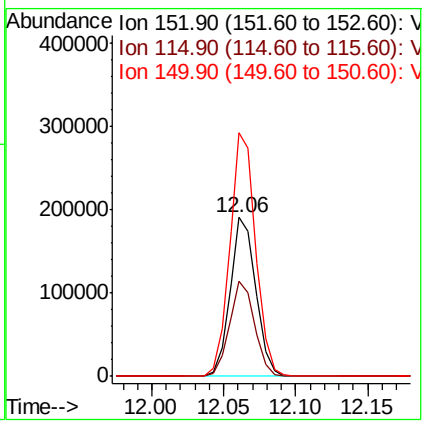


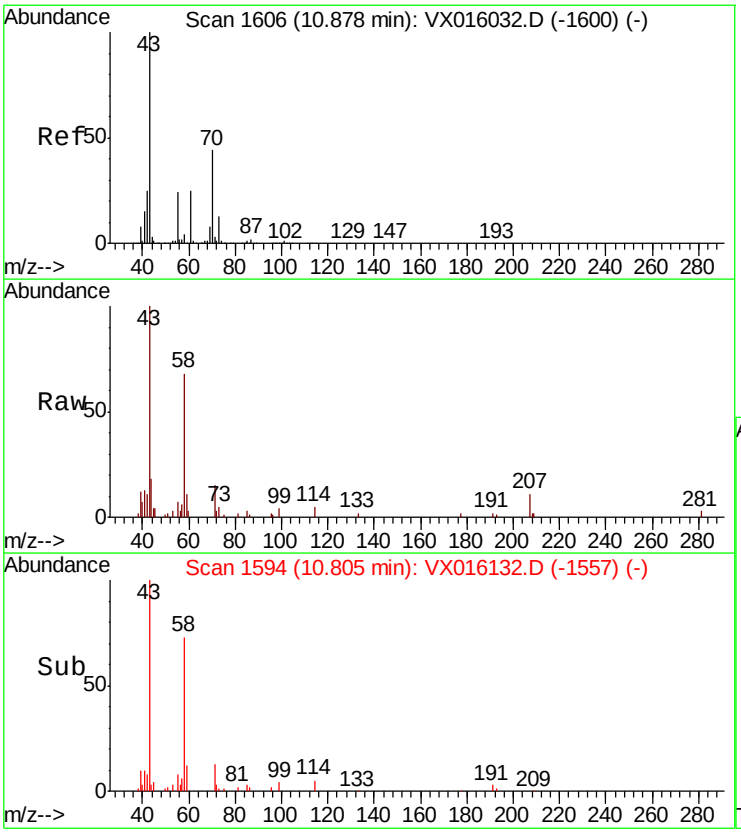
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 237731

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	153.8	0.0	352.2

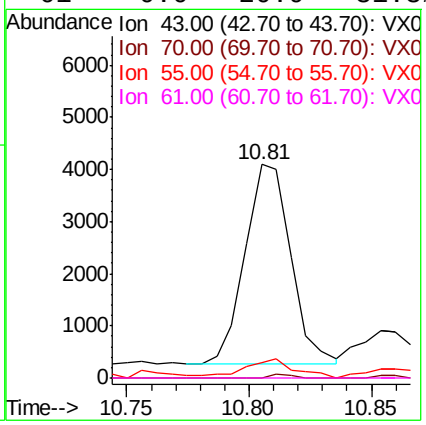


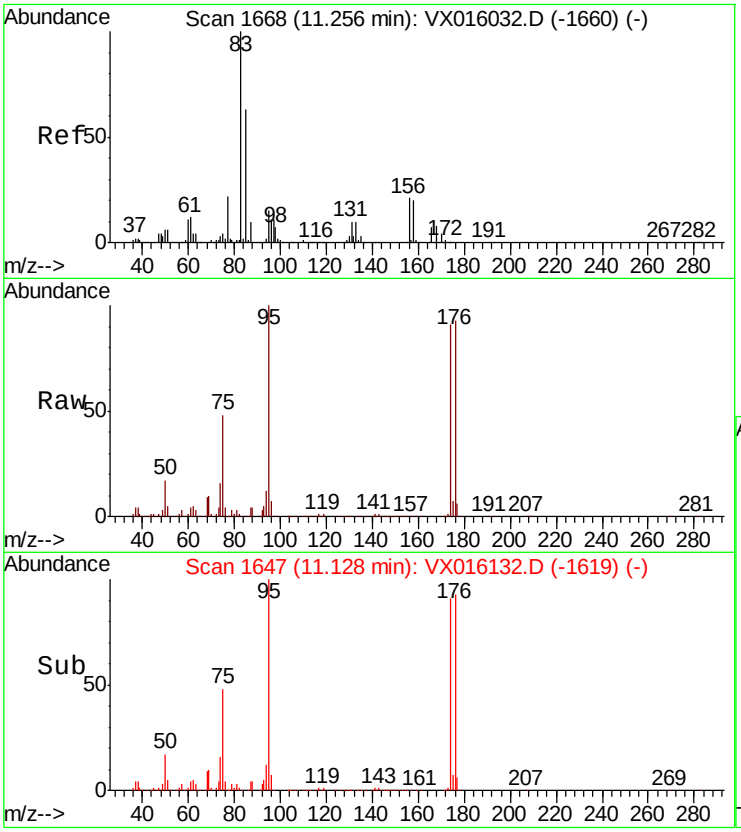


#74
N-amyl acetate
Concen: 0.626 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 43 Resp: 5051

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.5	54.7#
55	10.5	19.7	29.5#
61	0.0	20.9	31.3#



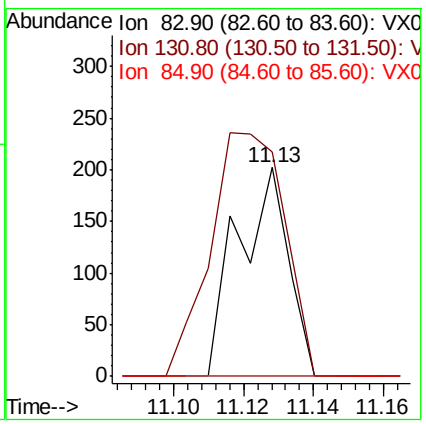


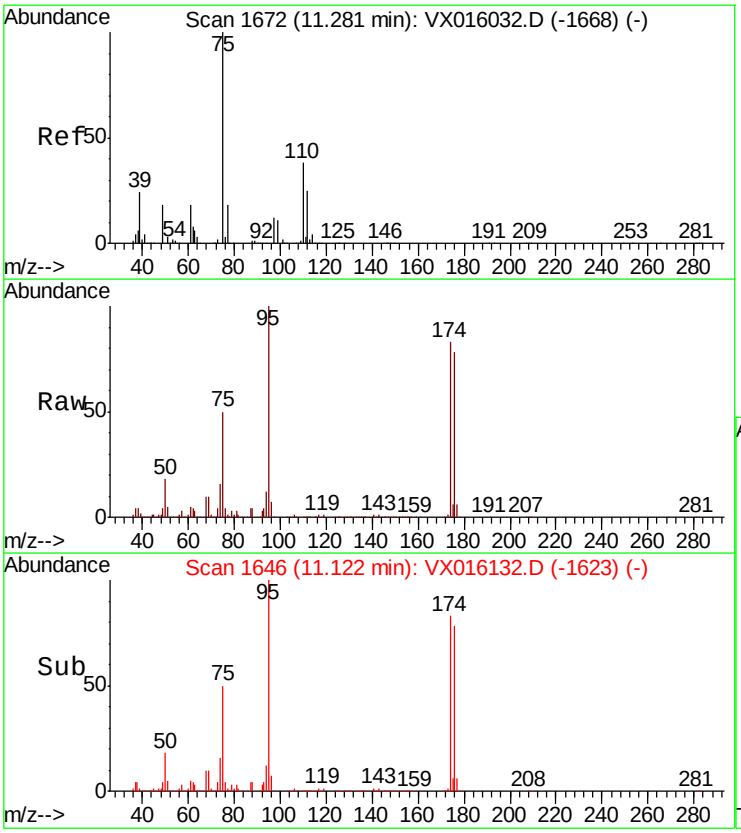
#75
1,1,2,2-Tetrachloroethane
Concen: 2.112 ug/l
RT: 11.13 min Scan# 1647
Delta R.T. -0.13 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 204

Ion	Ratio	Lower	Upper
83	100		
131	171.6	5.1	15.4#
85	0.0	32.0	96.0#

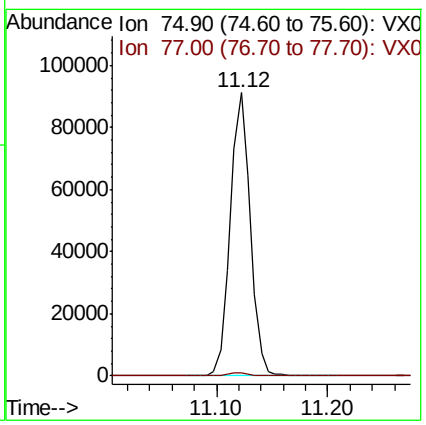


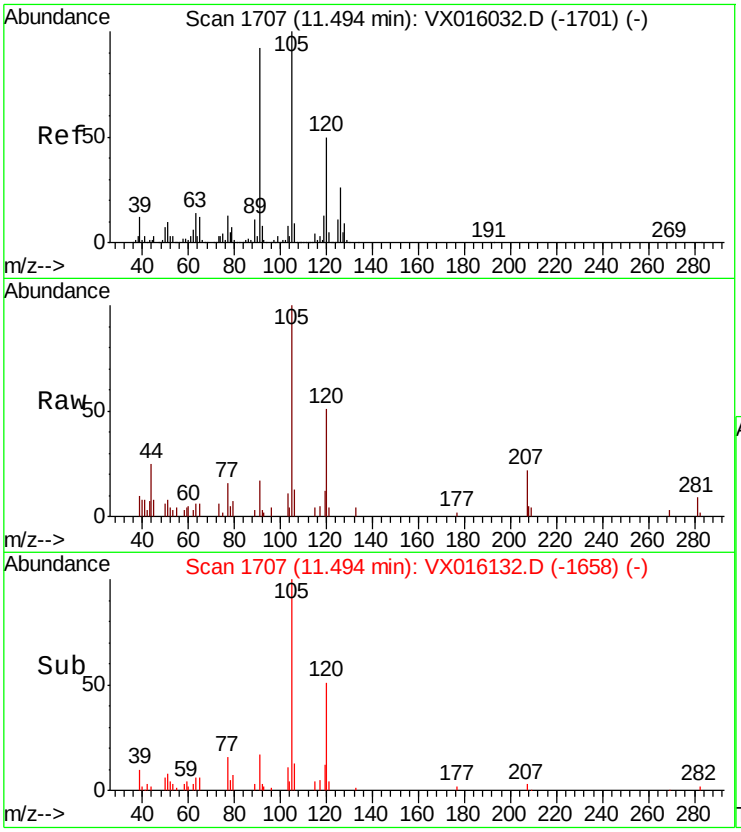


#76
1,2,3-Trichloropropane
Concen: 20.961 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 75 Resp: 113076

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#



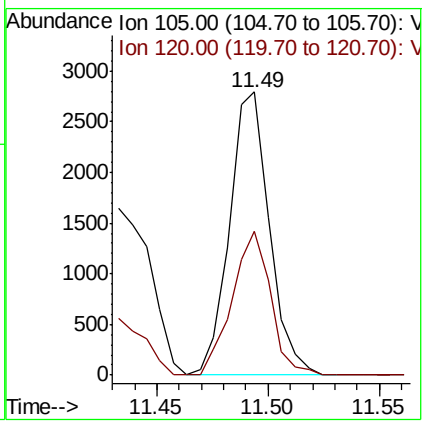


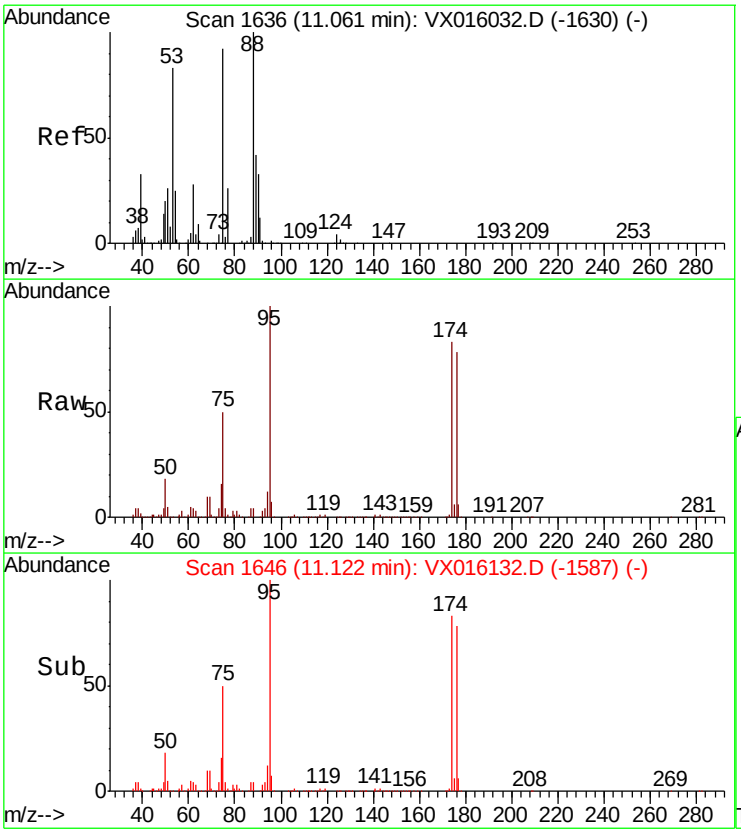
#80
1,3,5-Trimethylbenzene
Concen: 0.239 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 3493

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.6	74.0

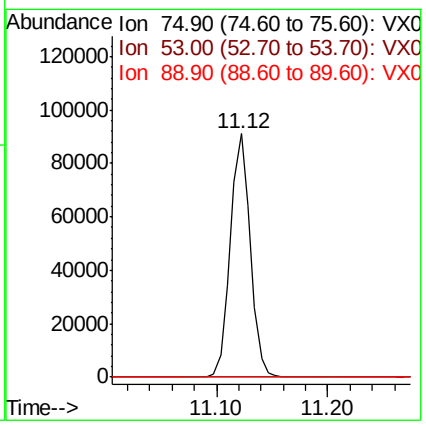


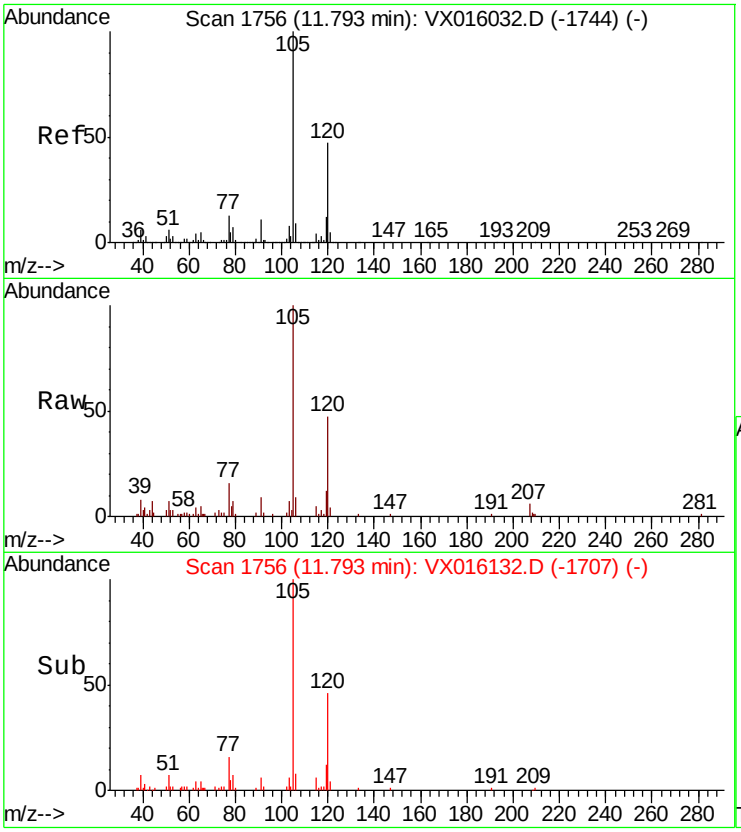


#81
trans-1,4-Dichloro-2-butene
Concen: 49.951 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 75 Resp: 113076

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#



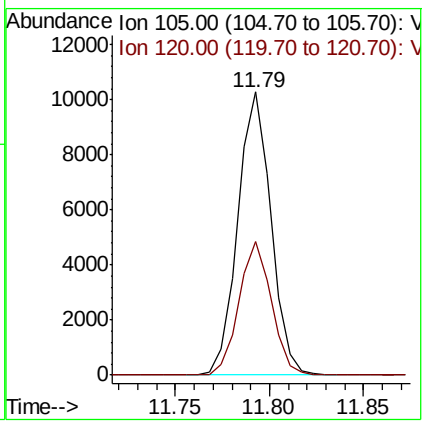


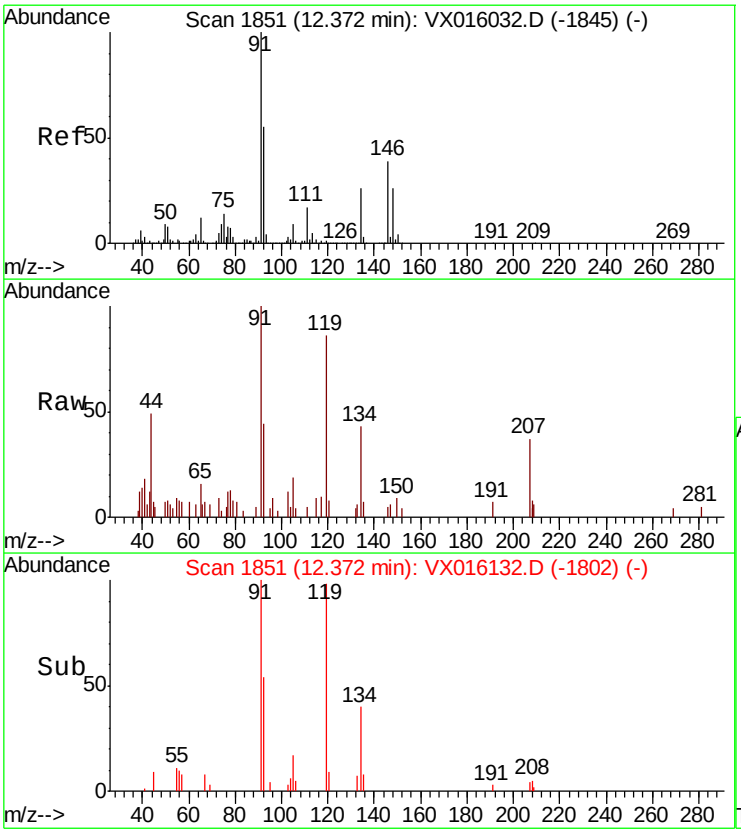
#84
1,2,4-Trimethylbenzene
Concen: 0.849 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 12530

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0

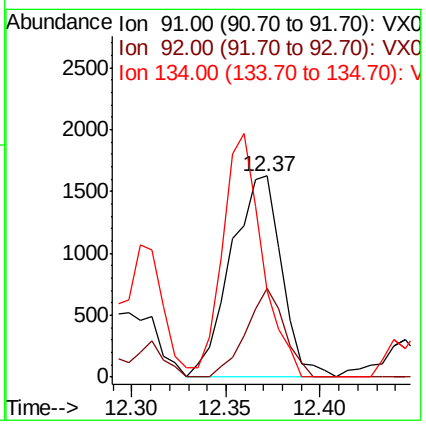


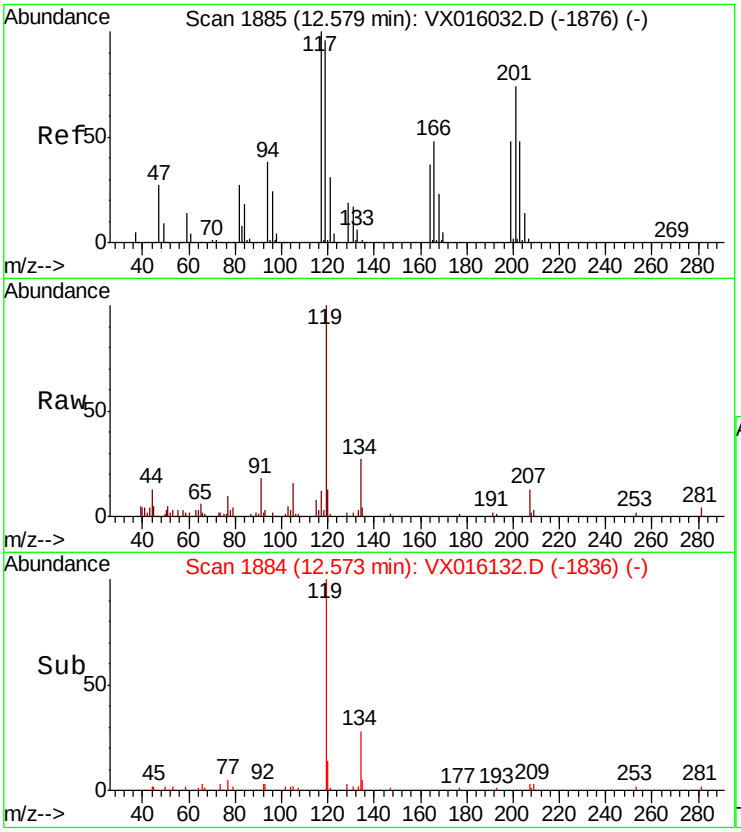


#89
n-Butylbenzene
Concen: 0.210 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion: 91 Resp: 3026

Ion	Ratio	Lower	Upper
91	100		
92	33.5	27.6	82.7
134	94.6	13.4	40.1#



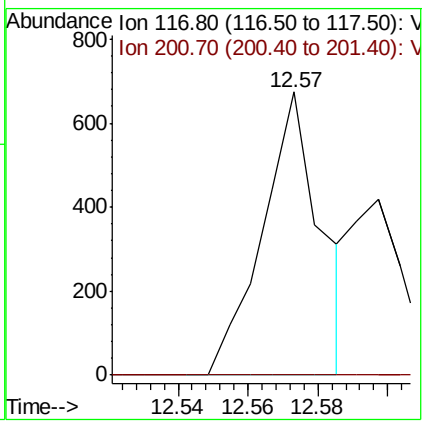


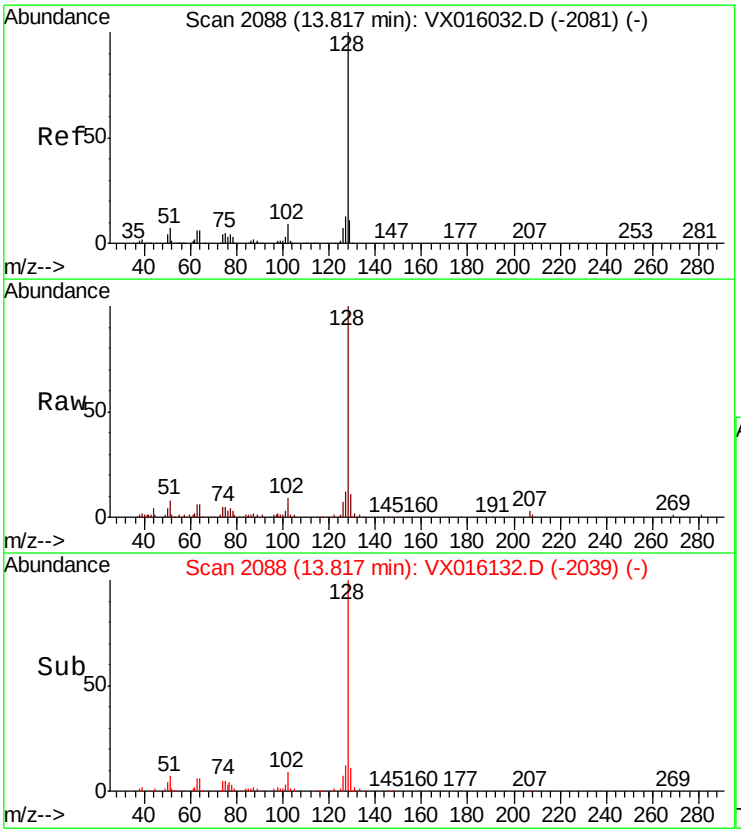
#90
Hexachloroethane
Concen: 0.287 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 777

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.8	119.3#





#95
Naphthalene
Concen: 1.482 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016132.D
Acq: 08 May 2020 19:28

Tgt Ion:128 Resp: 27418

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	13.2	8.7	13.1#