Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052620\
Data File : VX016442.D
Acq On : 26 May 2020 21:51
Operator : JC/SP
Sample : L2757-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 27 05:26:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	110882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	201350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	207997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	104172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	81802	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.90%			
35) Dibromofluoromethane	5.47	113	63002	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
50) Toluene-d8	8.70	98	263929	55.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.28%			
62) 4-Bromofluorobenzene	11.12	95	103747	58.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.86%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	80	2.951	ug/l	99
10) Methyl Iodide	2.48	142	49	5.724	ug/l #	39
13) Acrolein	2.28	56	316	Below Cal	#	54
15) Acrylonitrile	3.11	53	175	0.265	ug/l #	85
16) Acetone	2.42	43	1728	3.021	ug/l	94
17) Carbon Disulfide	2.55	76	675	0.212	ug/l #	25
18) Methyl Acetate	2.75	43	7582	5.434	ug/l	98
20) Methylene Chloride	2.84	84	521	0.422	ug/l #	67
25) 2-Butanone	4.65	43	3976	4.277	ug/l	98
29) Tetrahydrofuran	5.10	42	1041	1.728	ug/l #	78
36) 1,1-Dichloropropene	5.63	75	9657	5.410	ug/l #	49
37) Ethyl Acetate	4.78	43	462	0.234	ug/l #	79
38) Carbon Tetrachloride	5.64	117	11905	6.154	ug/l #	13
40) Benzene	6.12	78	3616	0.679	ug/l	97
43) Isopropyl Acetate	6.42	43	962	0.304	ug/l	93
48) Methyl methacrylate	7.74	41	290	0.201	ug/l #	27
49) 1,4-Dioxane	7.67	88	23	0.620	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	848	0.424	ug/l #	33
52) Toluene	8.77	92	19236	5.627	ug/l	96
59) 2-Hexanone	9.48	43	1984	1.288	ug/l	94
67) Ethyl Benzene	10.24	91	9769	1.367	ug/l	97
68) m/p-Xylenes	10.34	106	8854	3.169	ug/l	100
69) o-Xylene	10.68	106	5289	1.992	ug/l	98
70) Styrene	10.70	104	1376	0.307	ug/l #	35
76) 1,2,3-Trichloropropane	11.12	75	53647	24.812	ug/l #	35
78) n-propylbenzene	11.35	91	1858	0.234	ug/l	87
80) 1,3,5-Trimethylbenzene	11.49	105	1280	0.218	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.12	75	53647	59.668	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.79	105	4044	0.682	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.04	75	1166	2.121	ug/l #	1
95) Naphthalene	13.82	128	5847	0.823	ug/l #	93

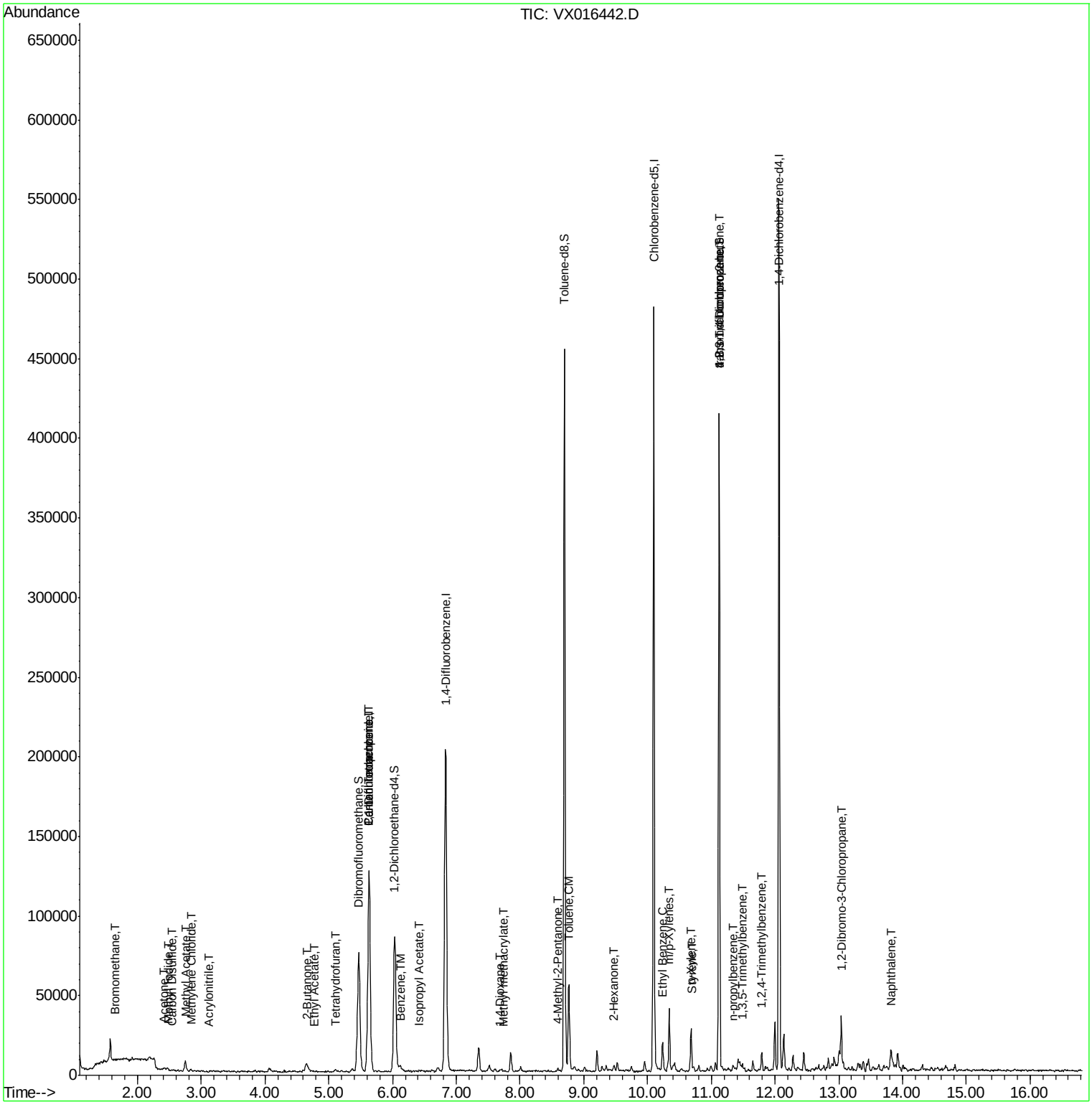
(#) = qualifier out of range (m) = manual integration (+) = signals summed

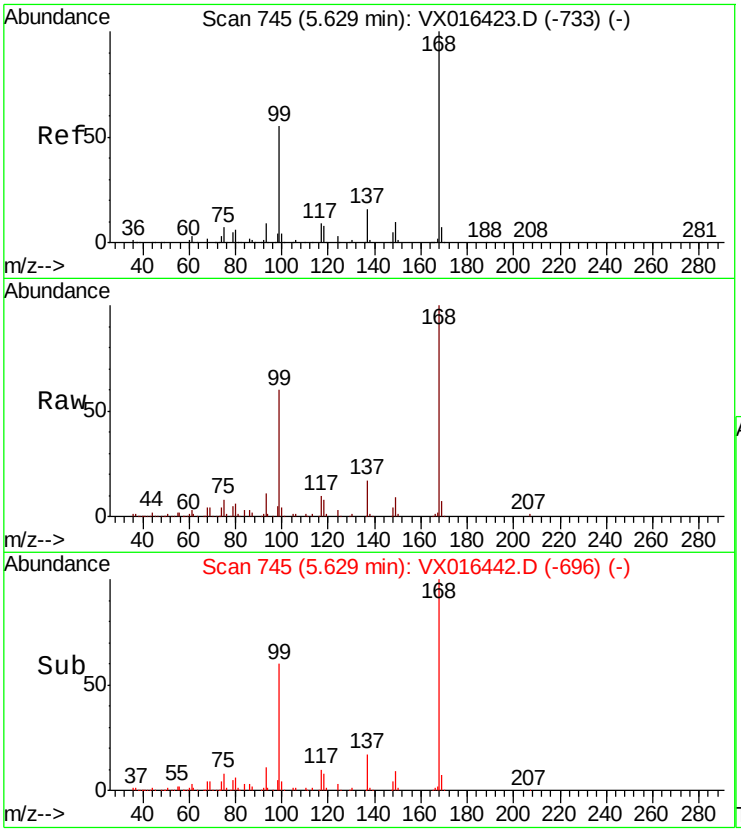
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052620\
Data File : VX016442.D
Acq On : 26 May 2020 21:51
Operator : JC/SP
Sample : L2757-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 05:26:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration



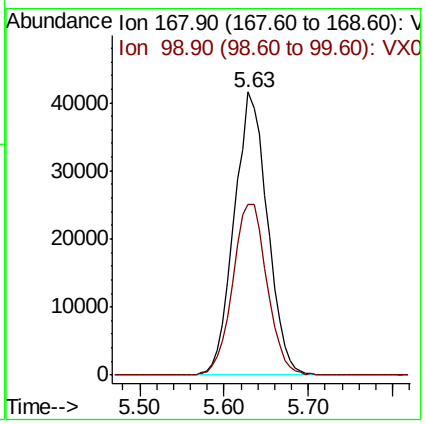


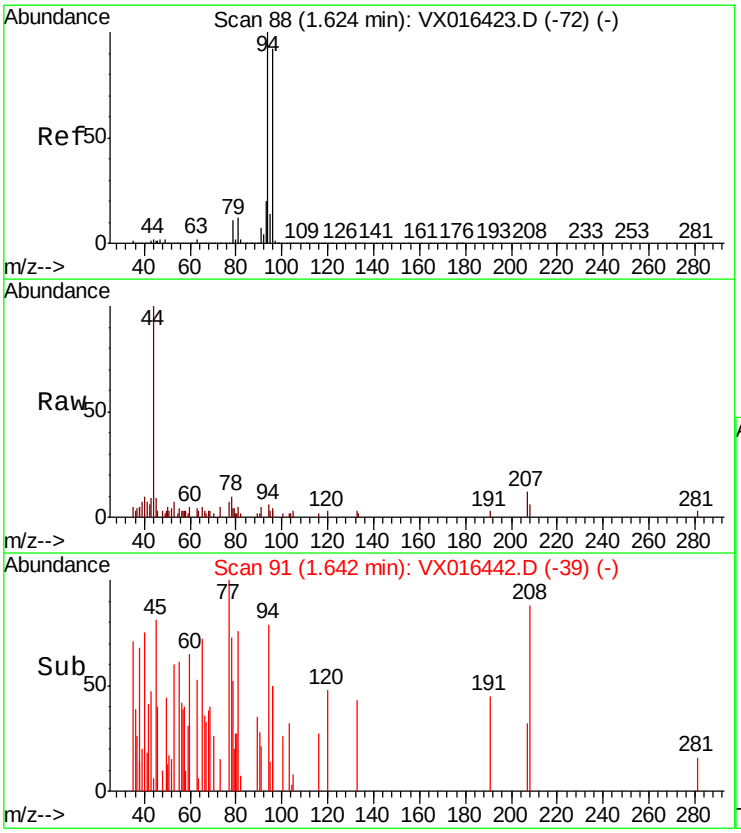
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 110882

Ion	Ratio	Lower	Upper
168	100		
99	60.1	44.4	66.6

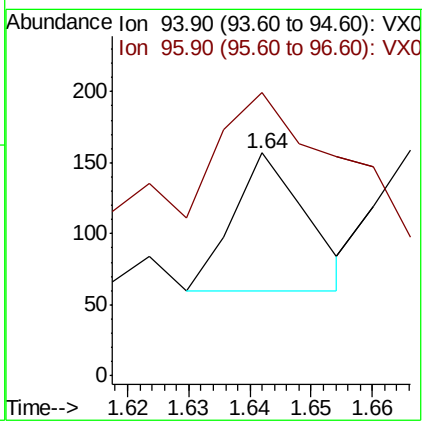


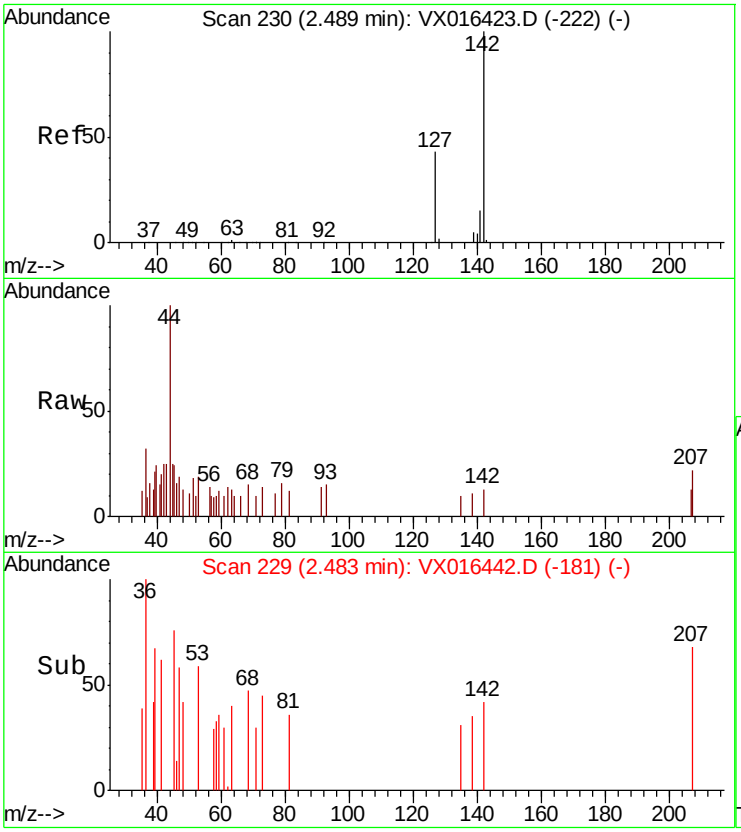


#5
Bromomethane
Concen: 2.951 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 94 Resp: 80

Ion	Ratio	Lower	Upper
94	100		
96	90.7	73.7	110.5



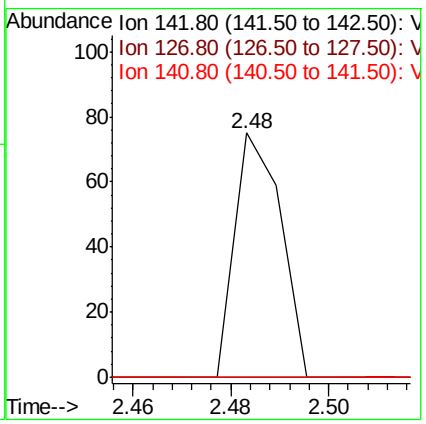


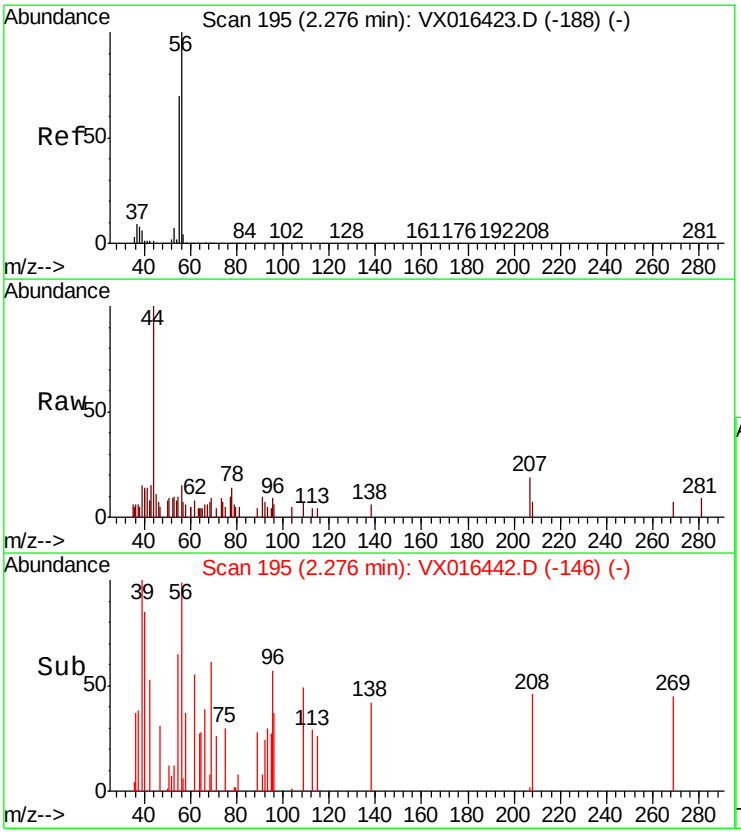
#10
Methyl Iodide
Concen: 5.724 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 49

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.2	54.4#
141	0.0	12.2	18.2#

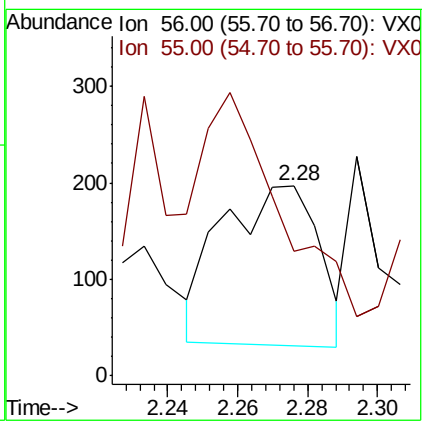


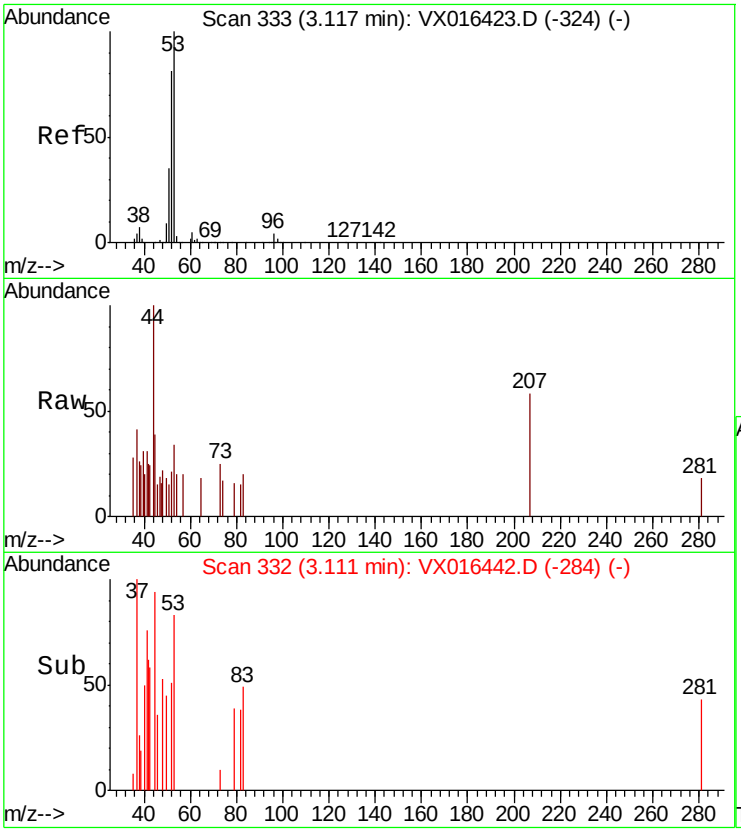


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 56 Resp: 316

Ion	Ratio	Lower	Upper
56	100		
55	108.2	56.5	84.7#



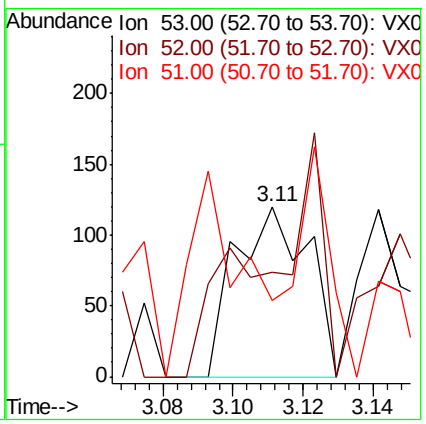


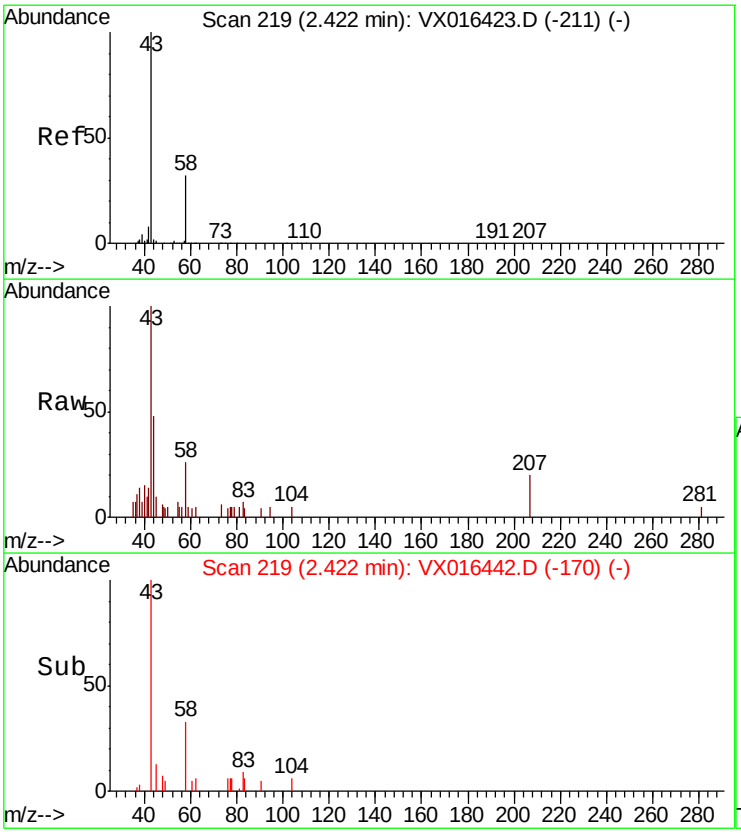
#15
Acrylonitrile
Concen: 0.265 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 175

Ion	Ratio	Lower	Upper
53	100		
52	78.3	65.4	98.2
51	59.4	28.4	42.6#

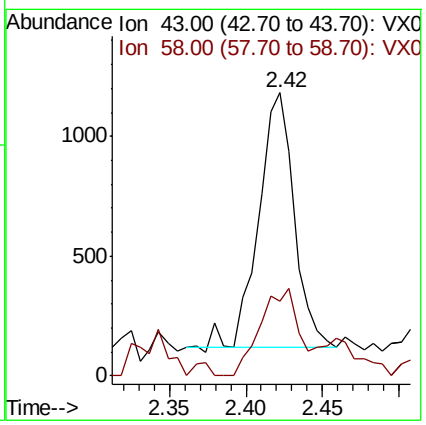


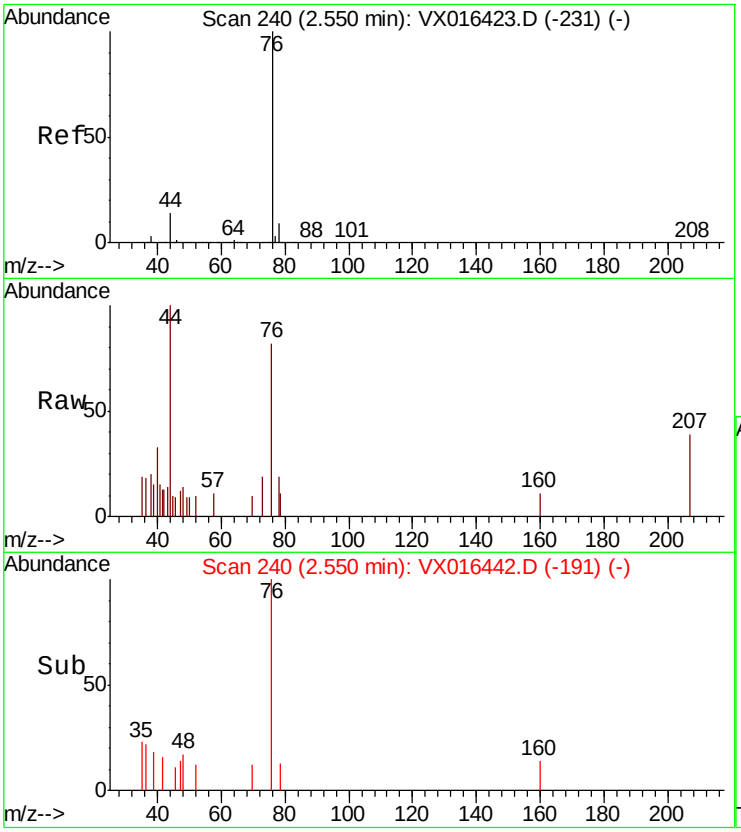


#16
Acetone
Concen: 3.021 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 43 Resp: 1728

Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.0	39.0



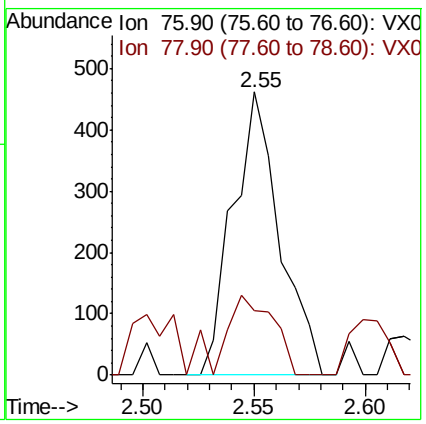


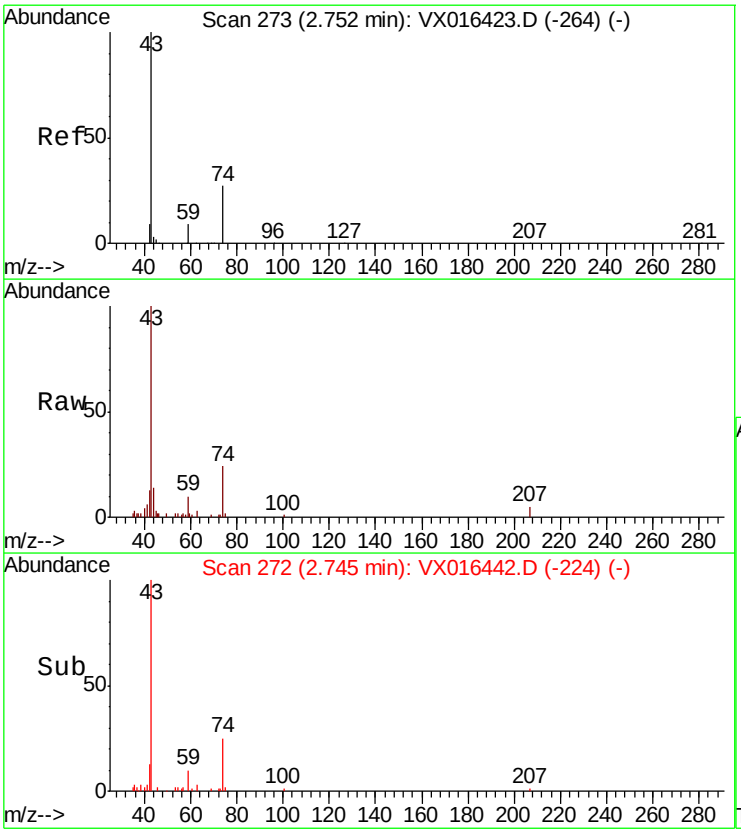
#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 675

Ion	Ratio	Lower	Upper
76	100		
78	36.4	7.4	11.0#

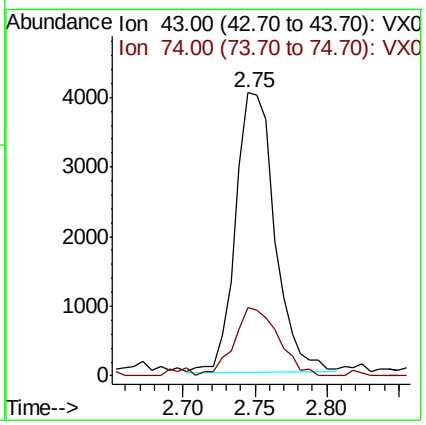


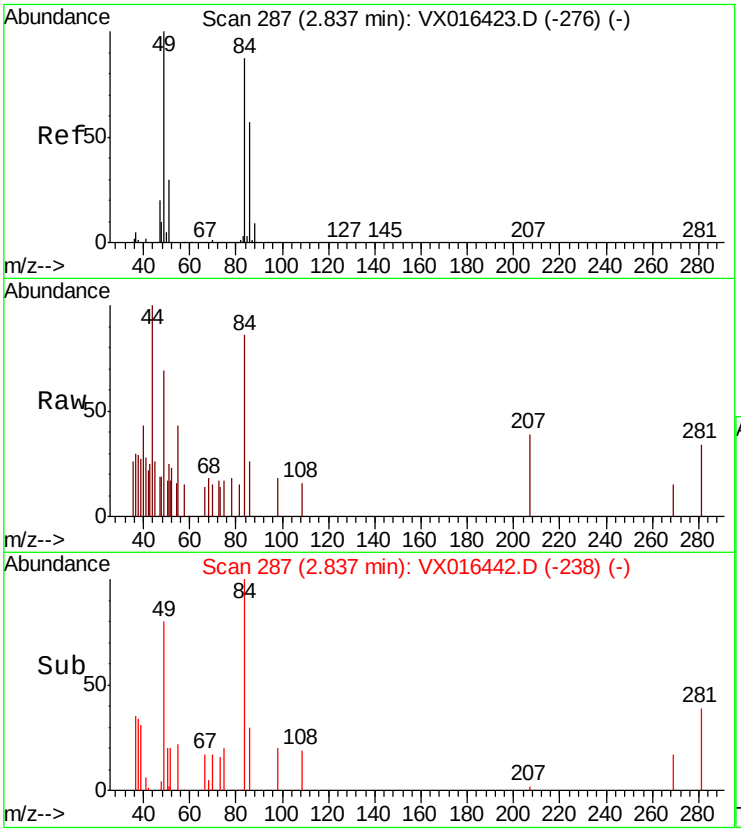


#18
Methyl Acetate
Concen: 5.434 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 43 Resp: 7582

Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.3	31.9



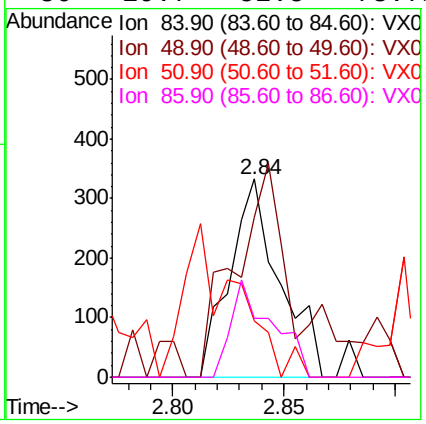


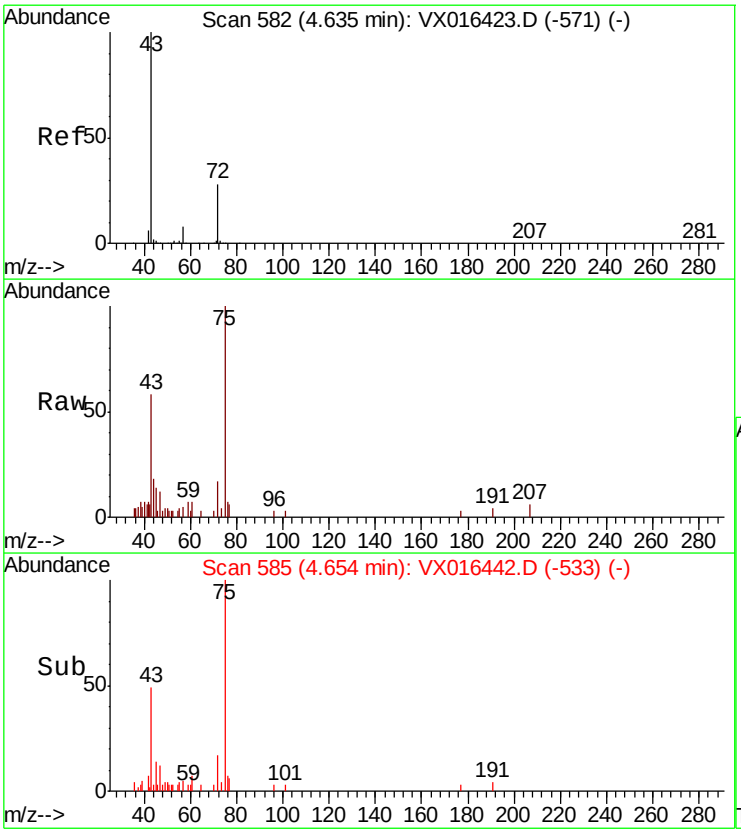
#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 521

Ion	Ratio	Lower	Upper
84	100		
49	80.5	92.2	138.4#
51	28.5	27.8	41.8
86	29.7	52.5	78.7#

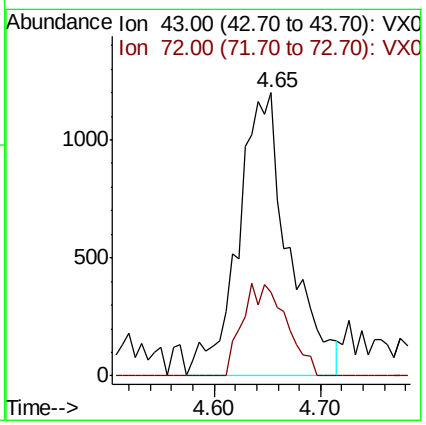


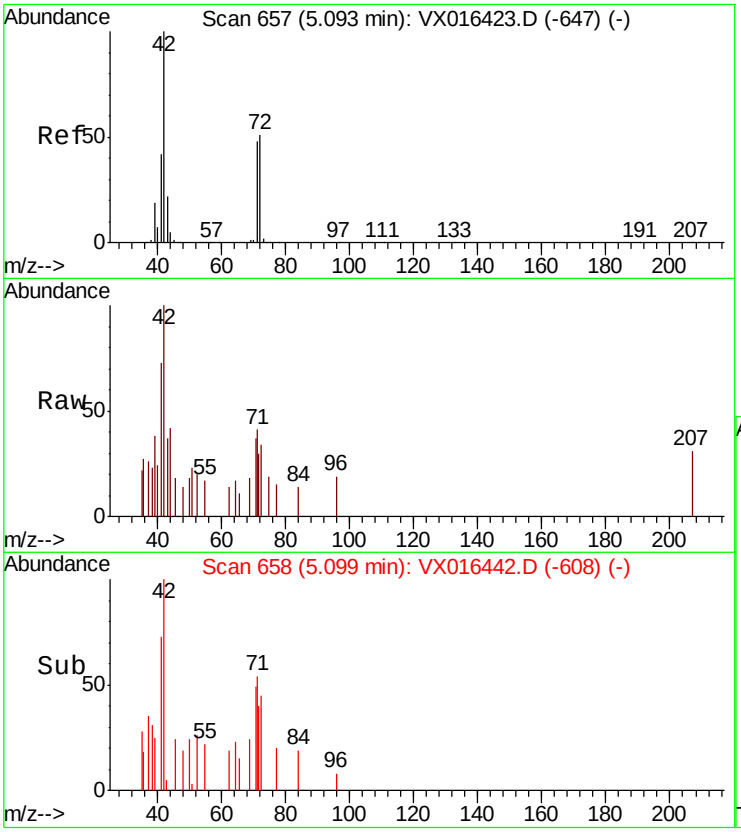


#25
2-Butanone
Concen: 4.277 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 43 Resp: 3976

Ion	Ratio	Lower	Upper
43	100		
72	29.6	22.7	34.1



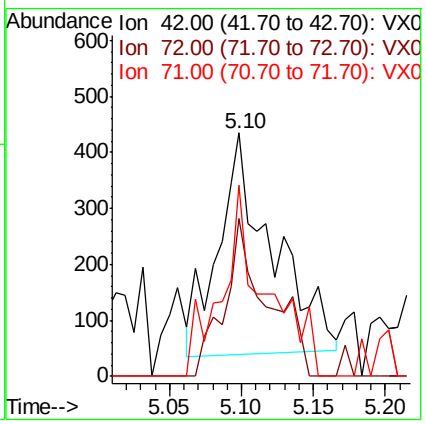


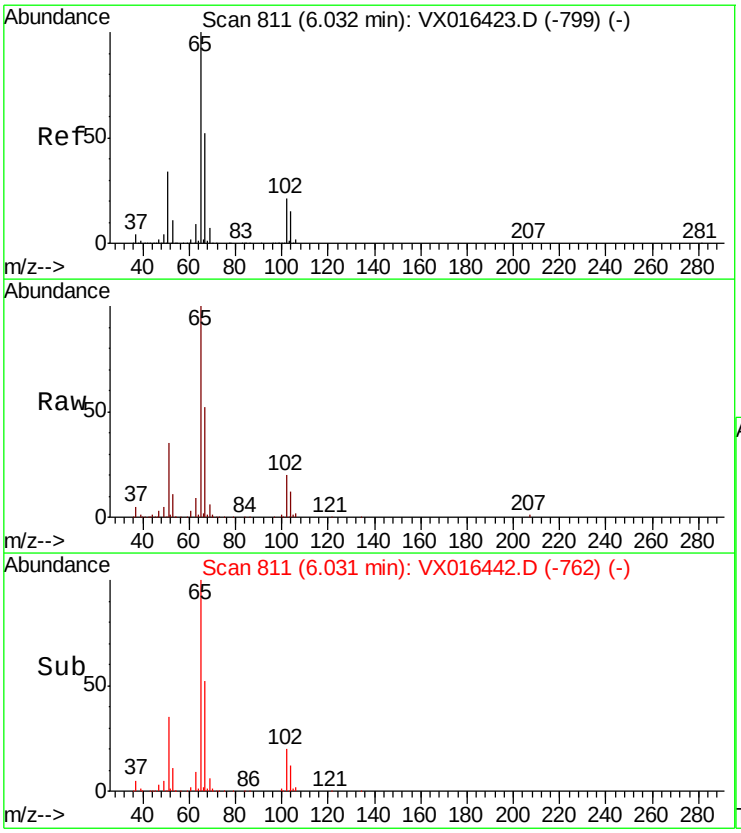
#29
Tetrahydrofuran
Concen: 1.728 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1041

Ion	Ratio	Lower	Upper
42	100		
72	57.0	40.2	60.4
71	70.8	37.7	56.5#

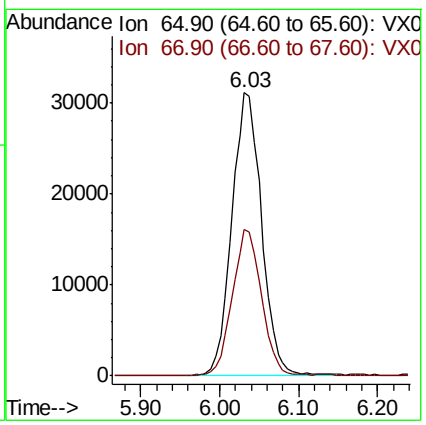


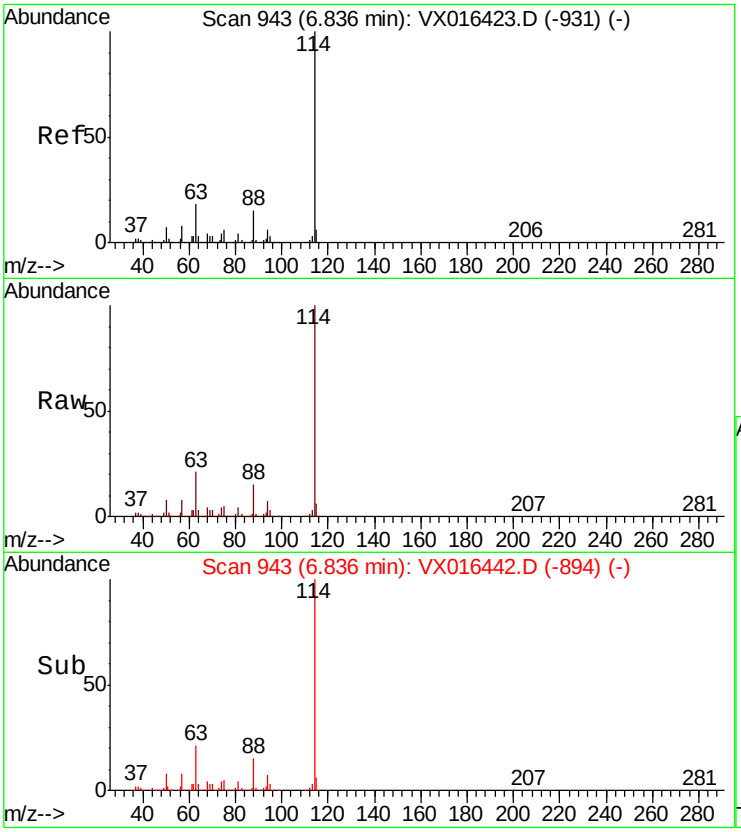


#33
1,2-Dichloroethane-d4
Concen: 56.955 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 65 Resp: 81802

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.2



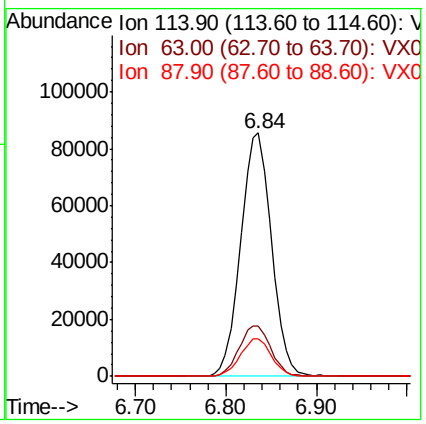


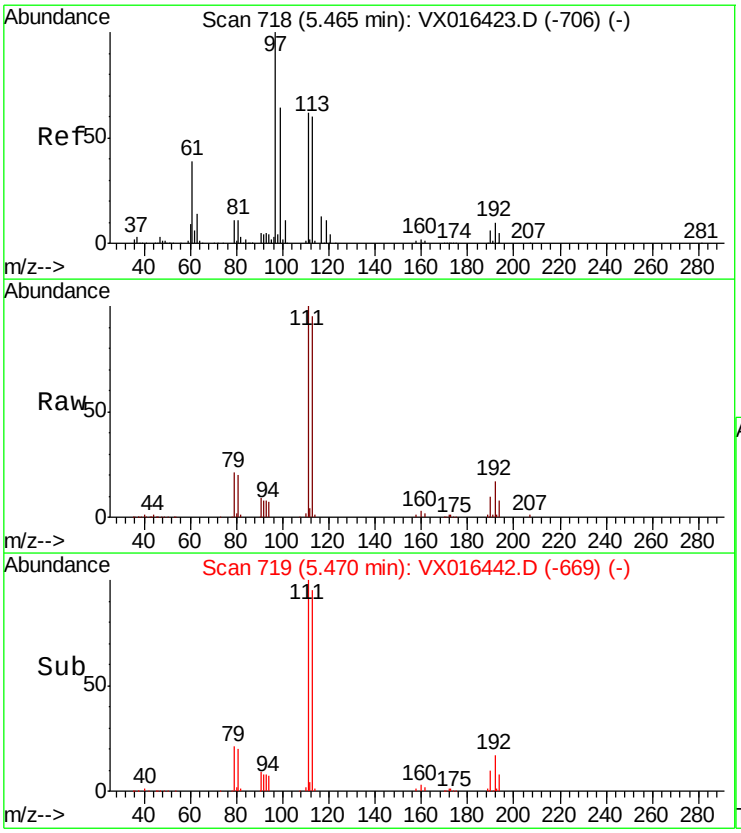
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 201350

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	36.4
88	15.2	0.0	29.2

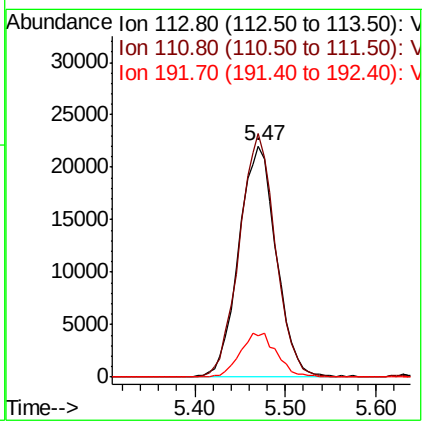


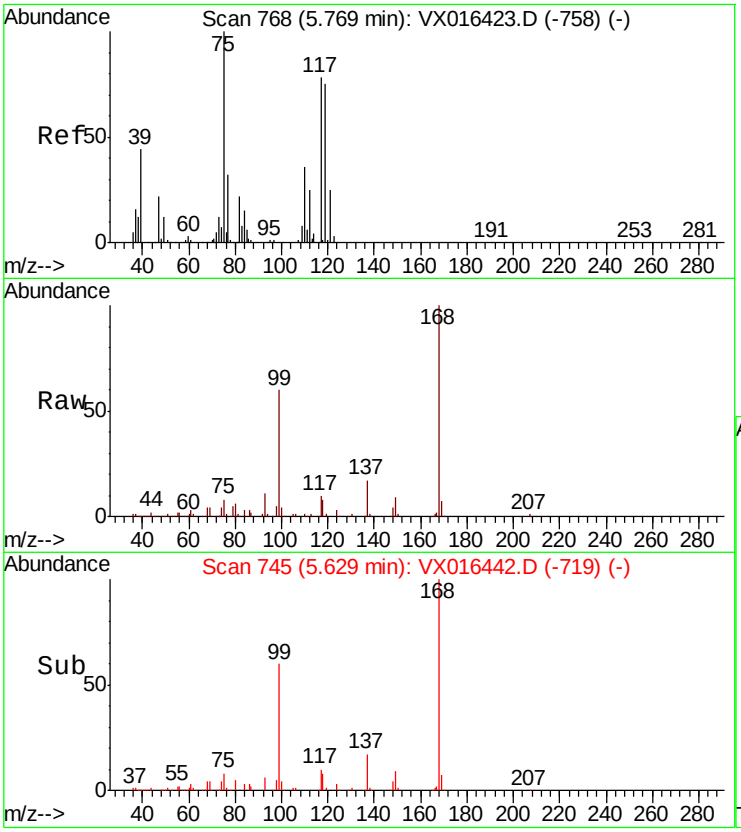


#35
Dibromofluoromethane
Concen: 48.920 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion:113 Resp: 63002

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.5	123.7
192	18.5	16.5	24.7



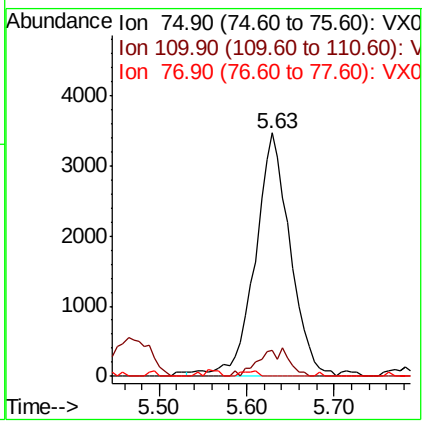


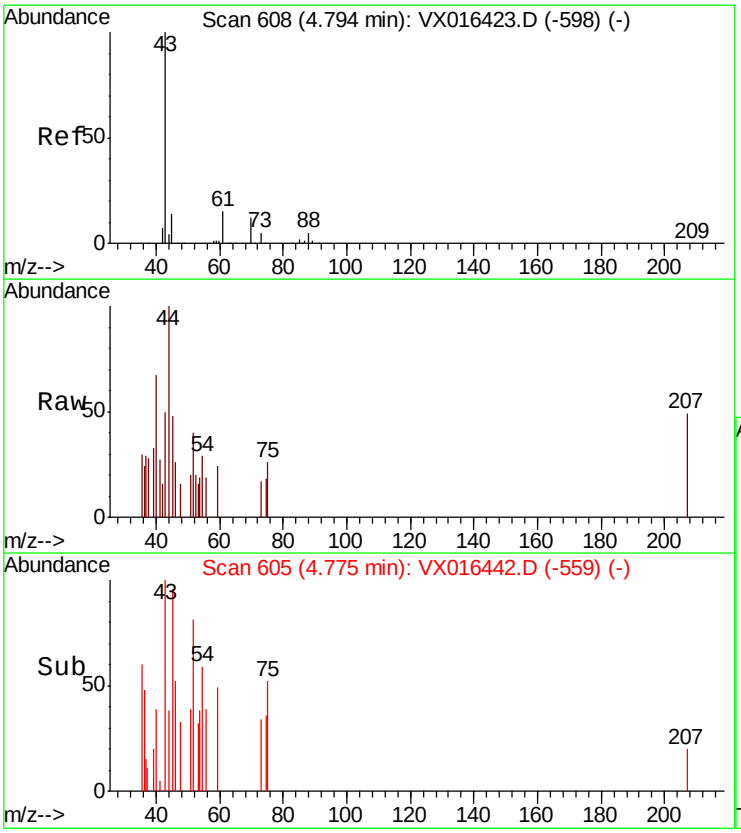
#36
1,1-Dichloropropene
Concen: 5.410 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 9657

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.7	56.1#
77	0.0	24.9	37.3#

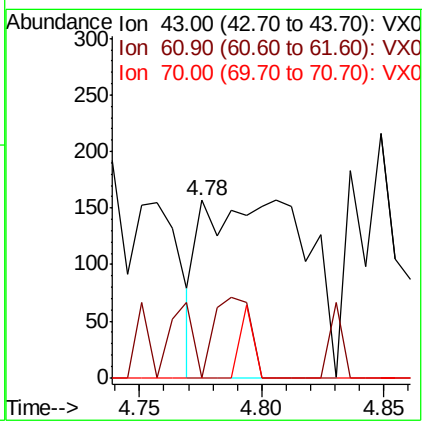


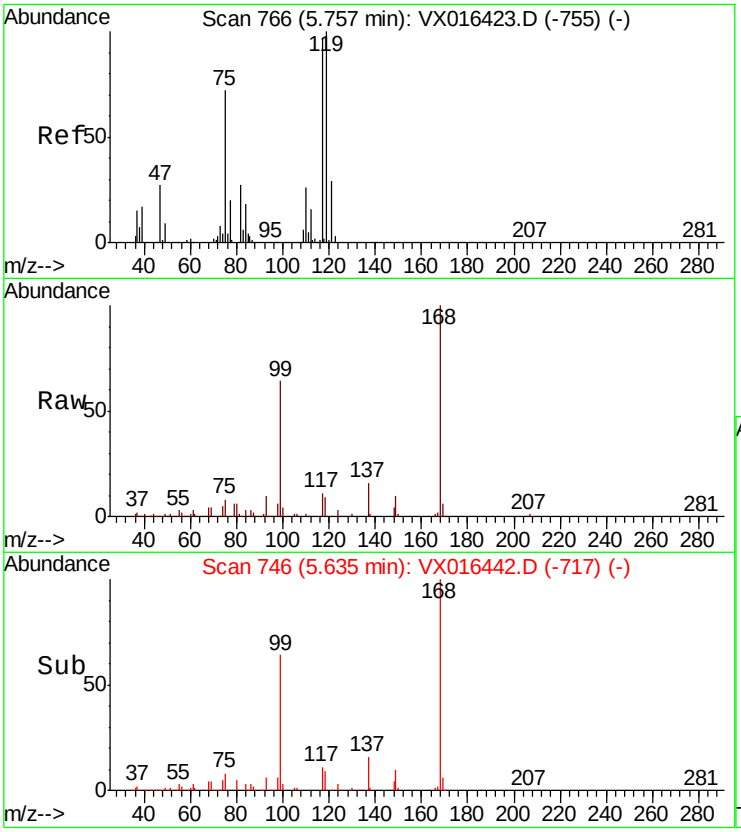


#37
Ethyl Acetate
Concen: 0.234 ug/l
RT: 4.78 min Scan# 605
Delta R.T. -0.02 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 43 Resp: 462

Ion	Ratio	Lower	Upper
43	100		
61	9.5	11.8	17.8#
70	0.0	9.6	14.4#



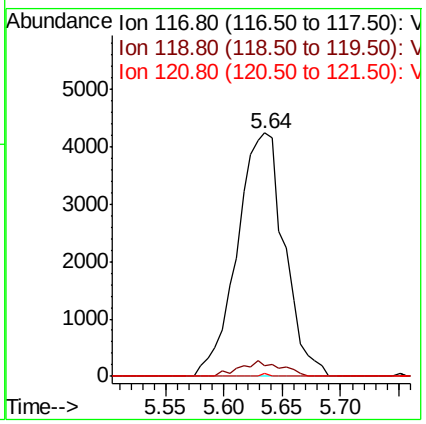


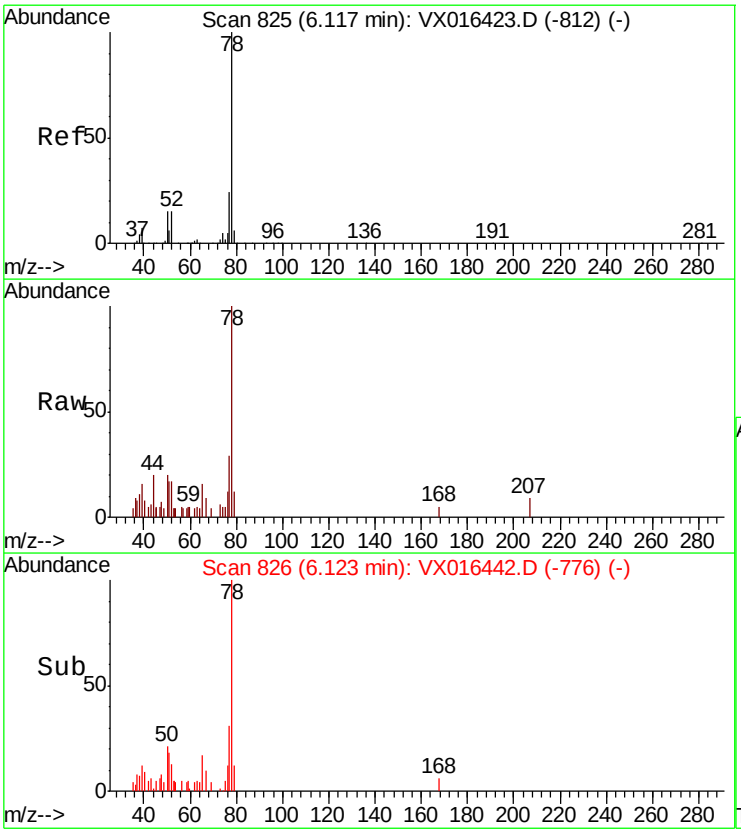
#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 11905

Ion	Ratio	Lower	Upper
117	100		
119	4.6	82.2	123.4#
121	1.3	24.1	36.1#

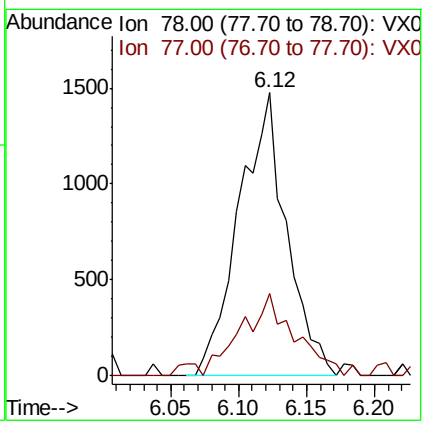


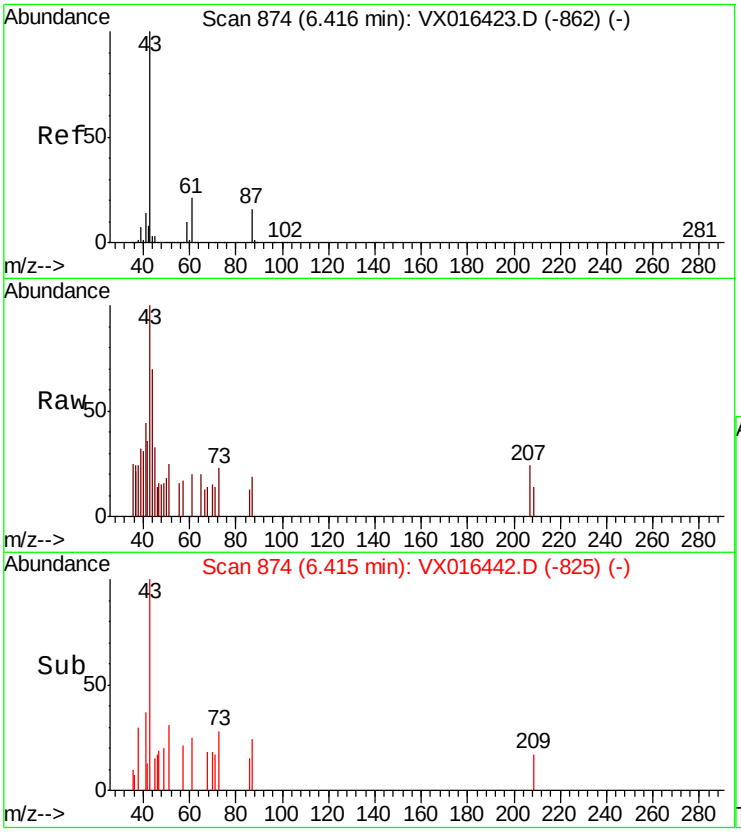


#40
Benzene
Concen: 0.679 ug/l
RT: 6.12 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 78 Resp: 3616

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.9	28.3



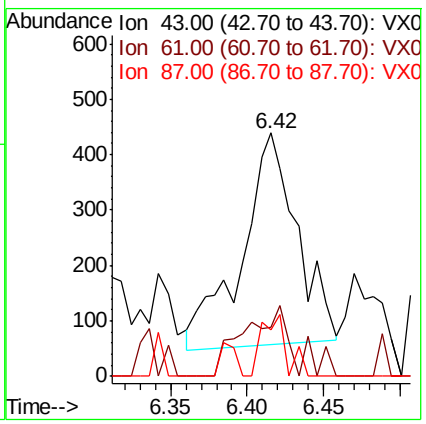


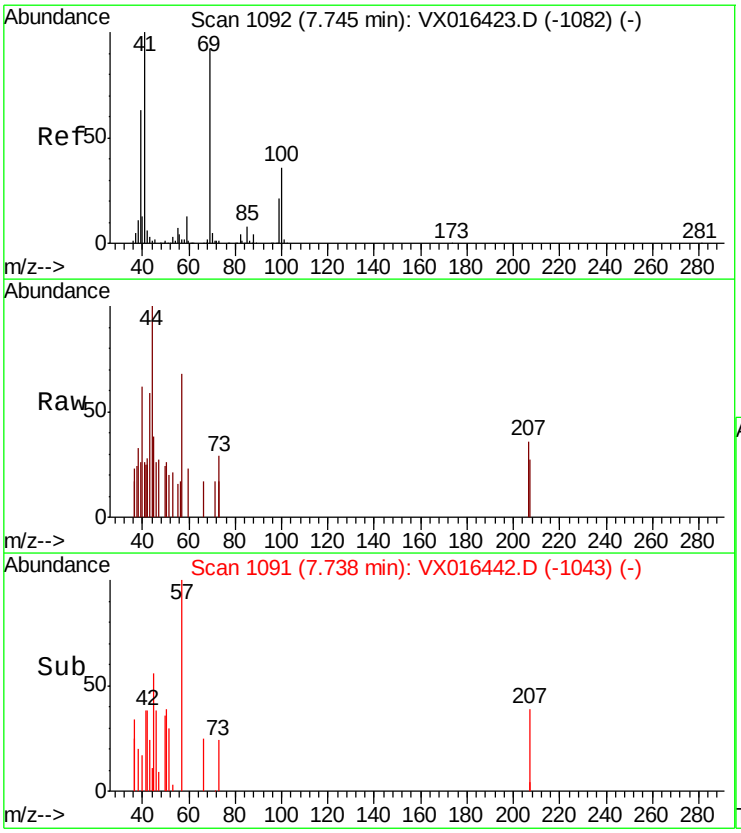
#43
Isopropyl Acetate
Concen: 0.304 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 962

Ion	Ratio	Lower	Upper
43	100		
61	25.8	17.2	25.8
87	13.2	12.3	18.5

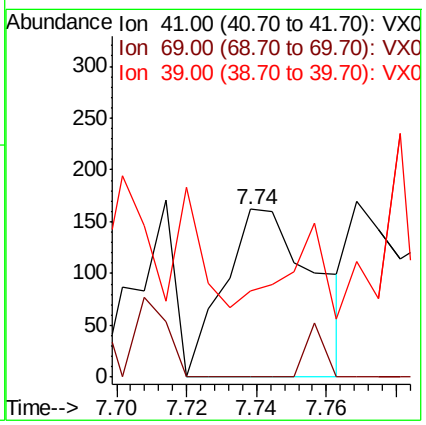


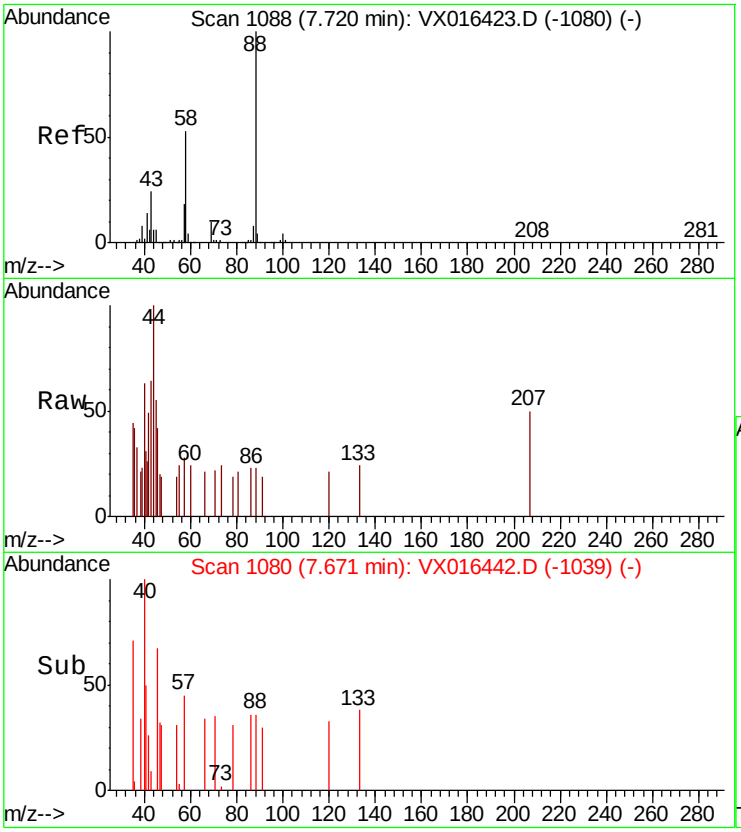


#48
Methyl methacrylate
Concen: 0.201 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 41 Resp: 290

Ion	Ratio	Lower	Upper
41	100		
69	6.6	71.8	107.8#
39	21.7	48.6	73.0#



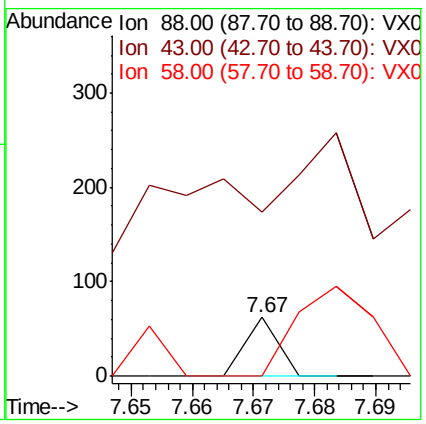


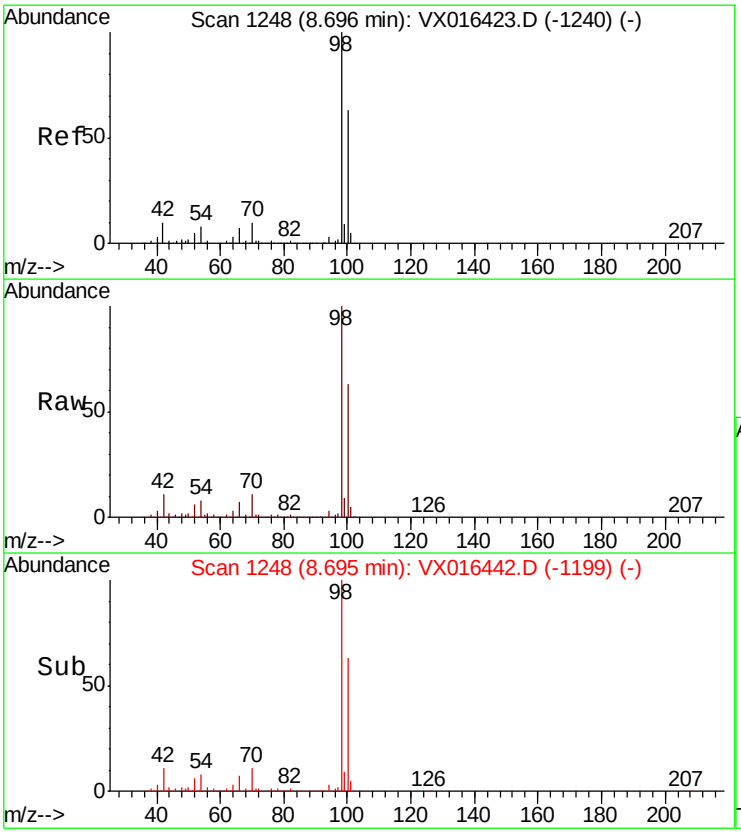
#49
1,4-Dioxane
Concen: 0.620 ug/l
RT: 7.67 min Scan# 1080
Delta R.T. -0.05 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.0	34.6#
58	360.9	51.7	77.5#

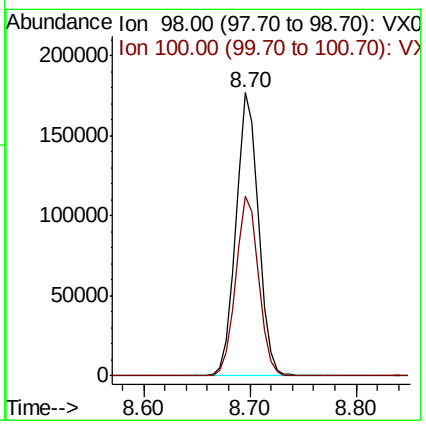


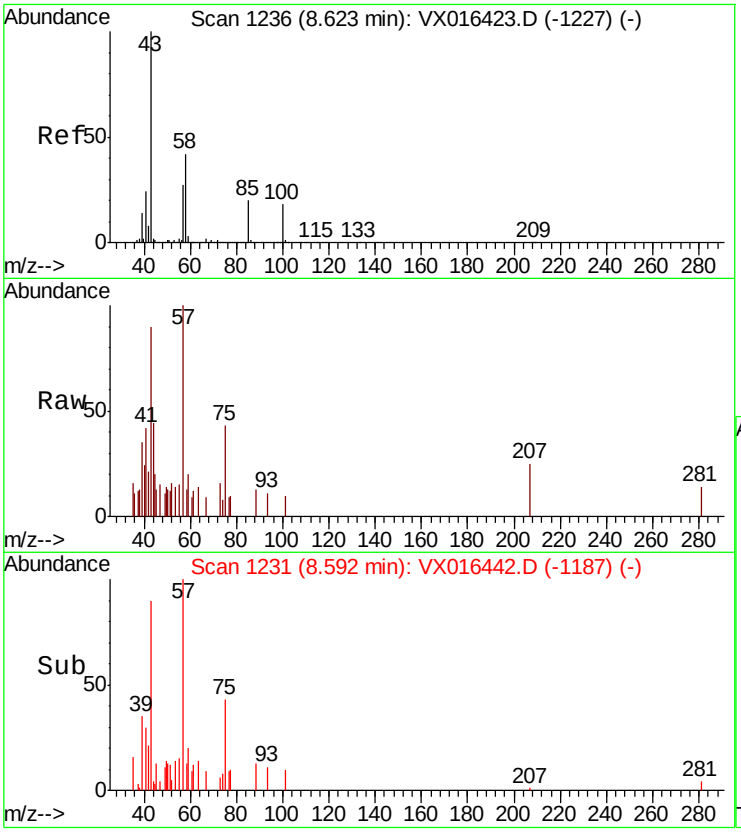


#50
Toluene-d8
Concen: 55.636 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 98 Resp: 263929

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8



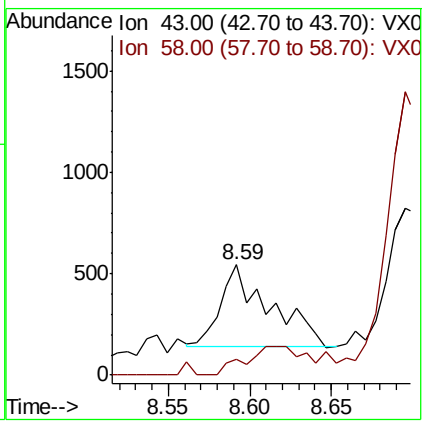


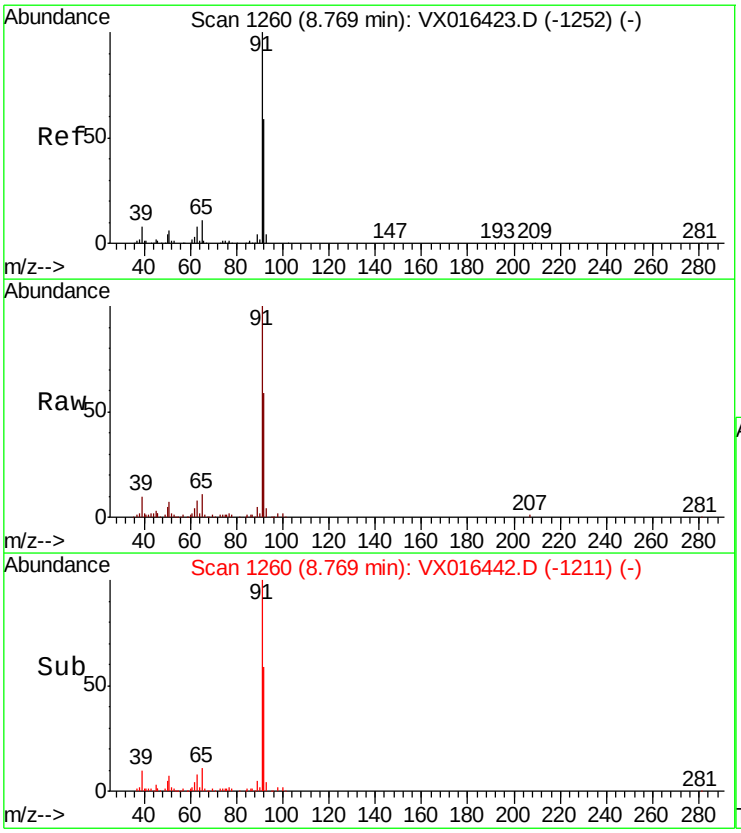
#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 848

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.8	50.6#

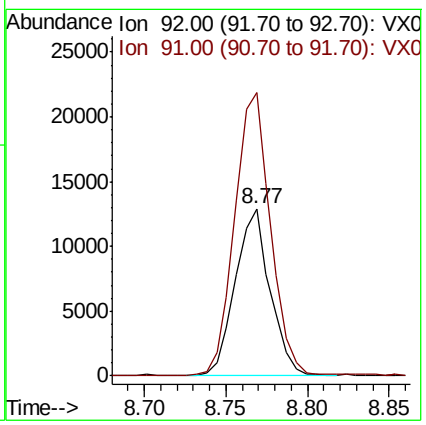


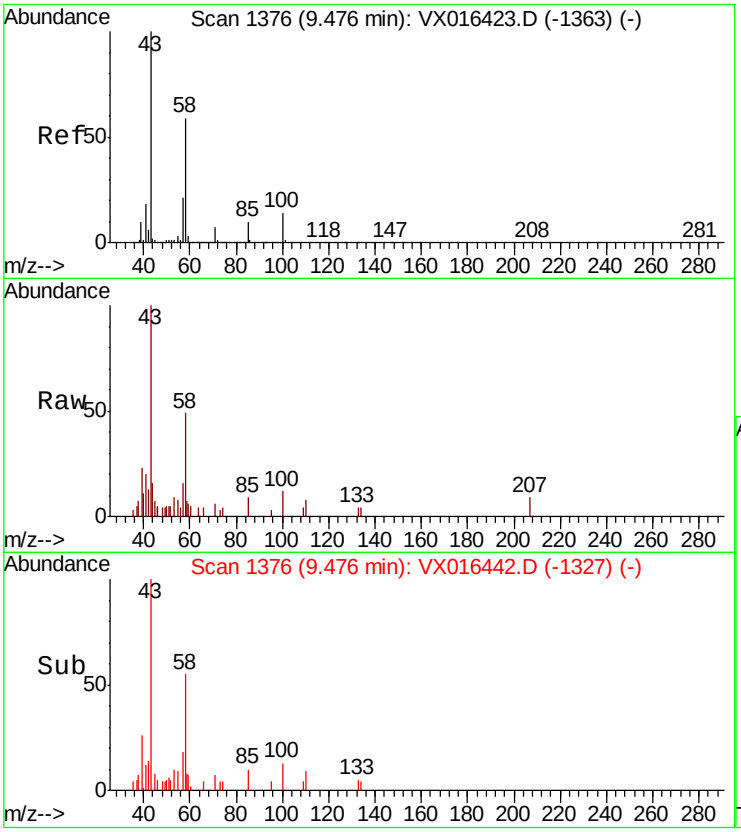


#52
Toluene
Concen: 5.627 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 92 Resp: 19236

Ion	Ratio	Lower	Upper
92	100		
91	174.7	135.7	203.5



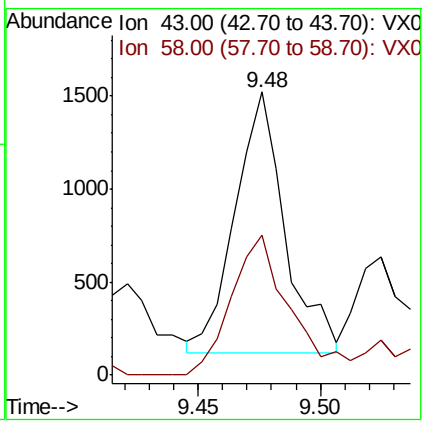


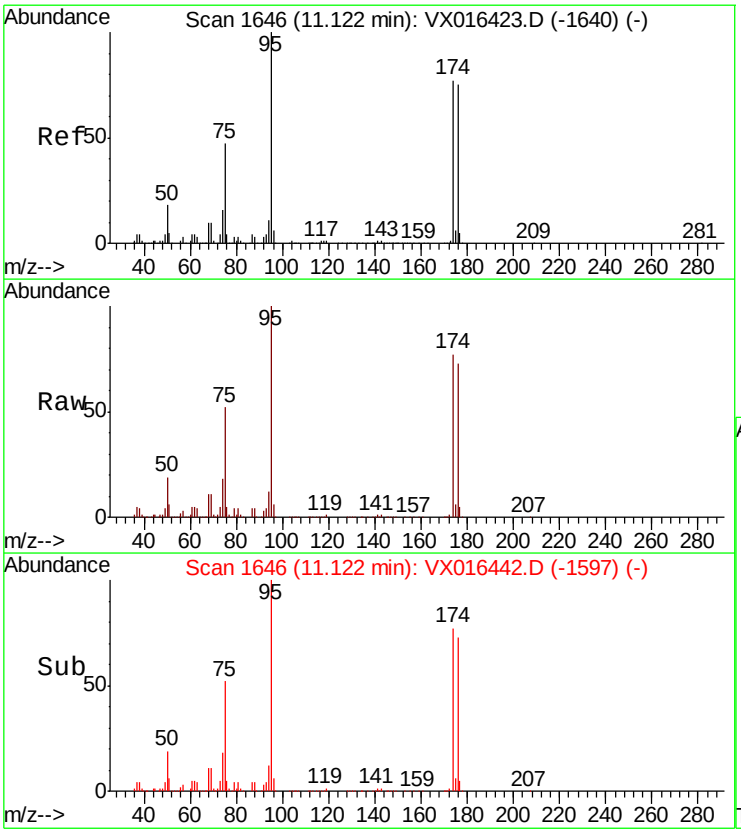
#59
2-Hexanone
Concen: 1.288 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1984

Ion	Ratio	Lower	Upper
43	100		
58	63.0	29.1	87.3

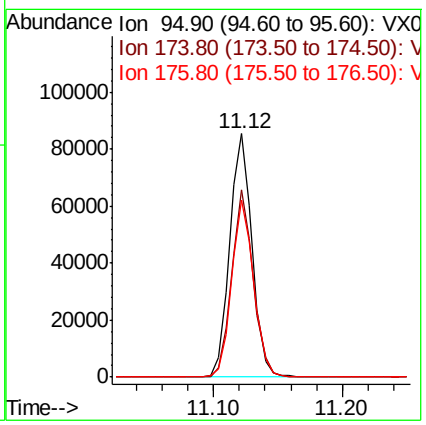


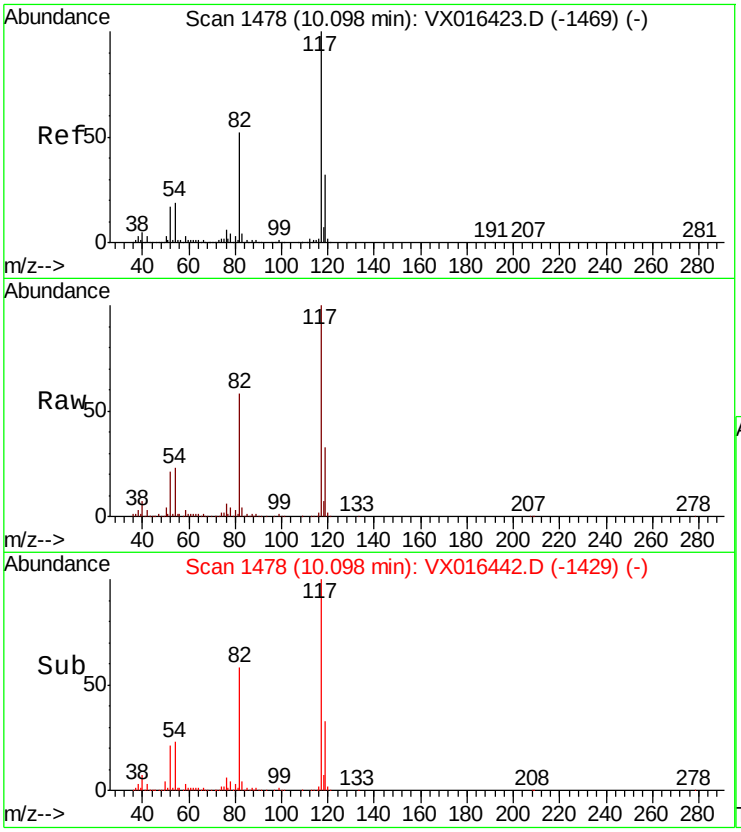


#62
4-Bromofluorobenzene
Concen: 58.930 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 95 Resp: 103747

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	162.6
176	71.5	0.0	158.2



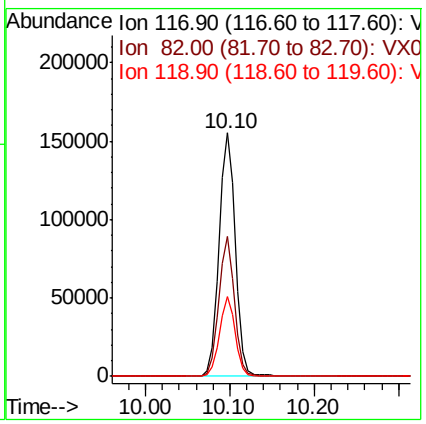


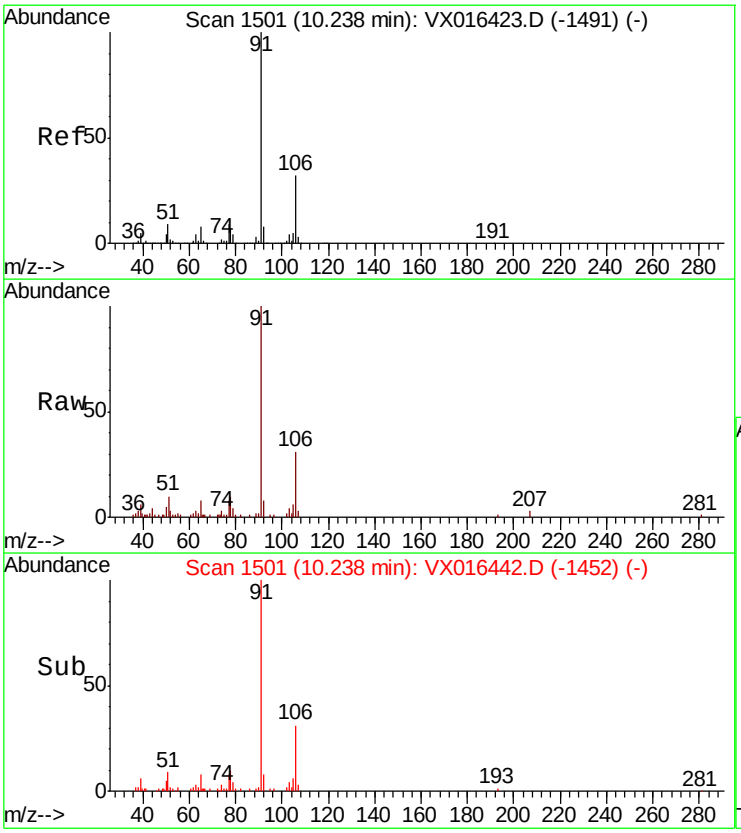
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 207997

Ion	Ratio	Lower	Upper
117	100		
82	57.6	41.8	62.6
119	33.0	25.7	38.5

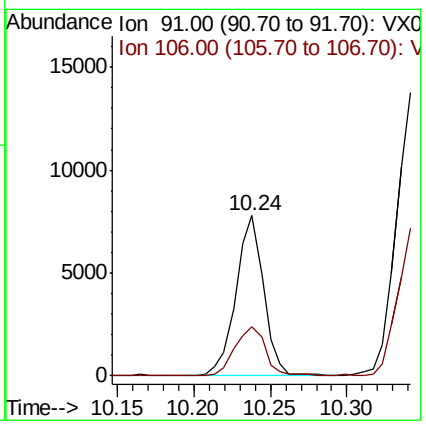


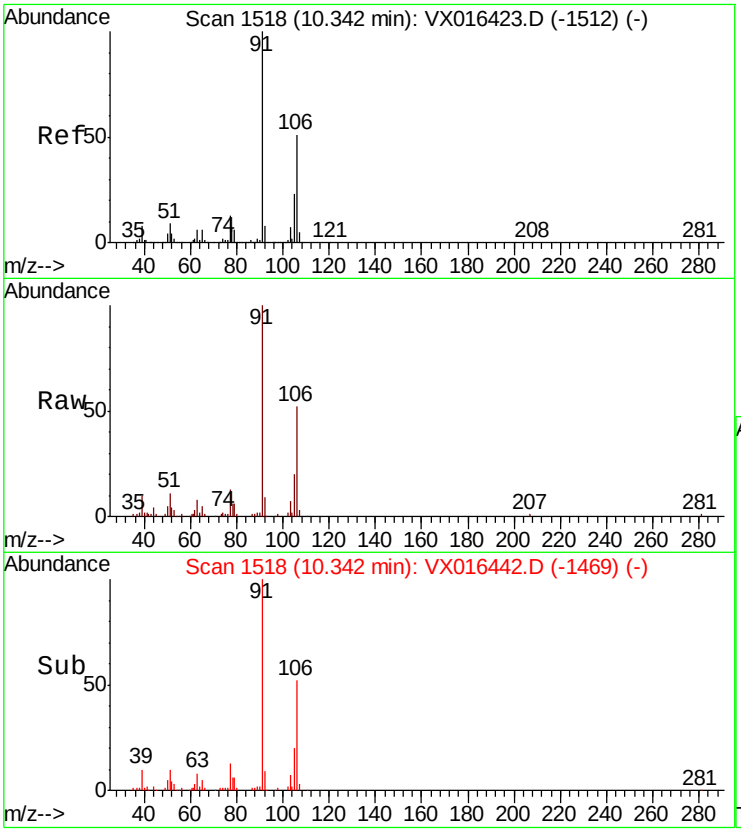


#67
Ethyl Benzene
Concen: 1.367 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 91 Resp: 9769

Ion	Ratio	Lower	Upper
91	100		
106	30.6	25.8	38.8



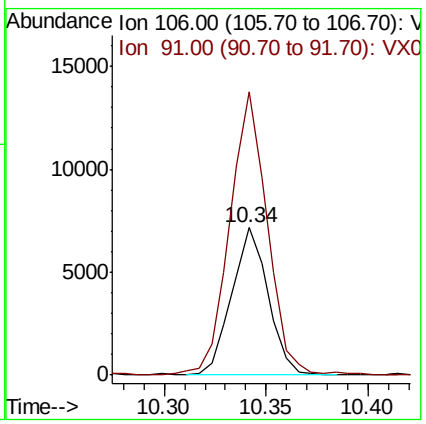


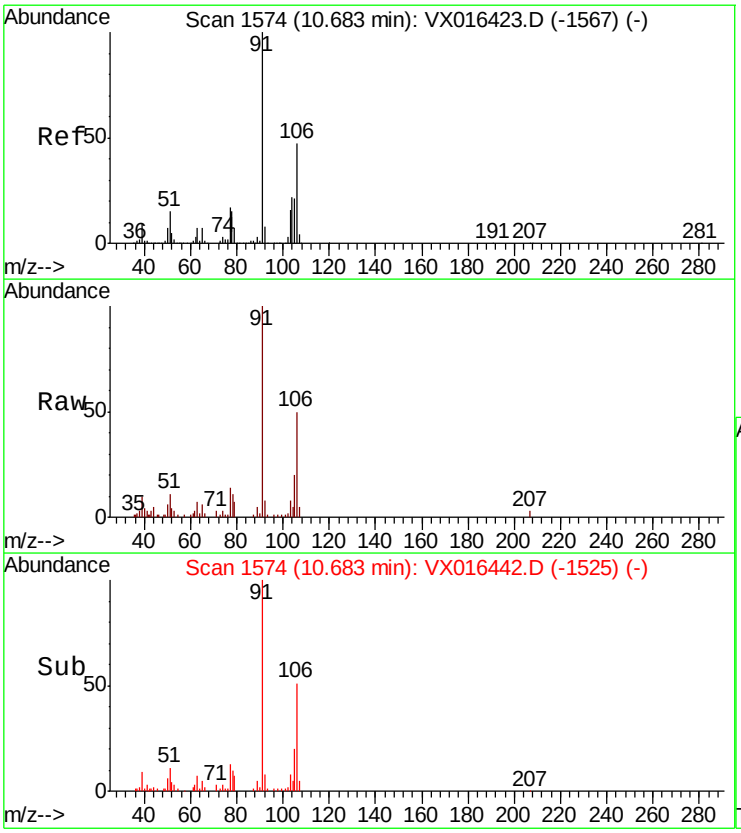
#68
m/p-Xylenes
Concen: 3.169 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 8854

Ion	Ratio	Lower	Upper
106	100		
91	198.2	158.2	237.4

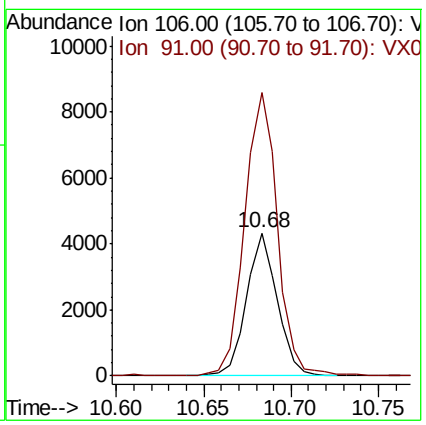


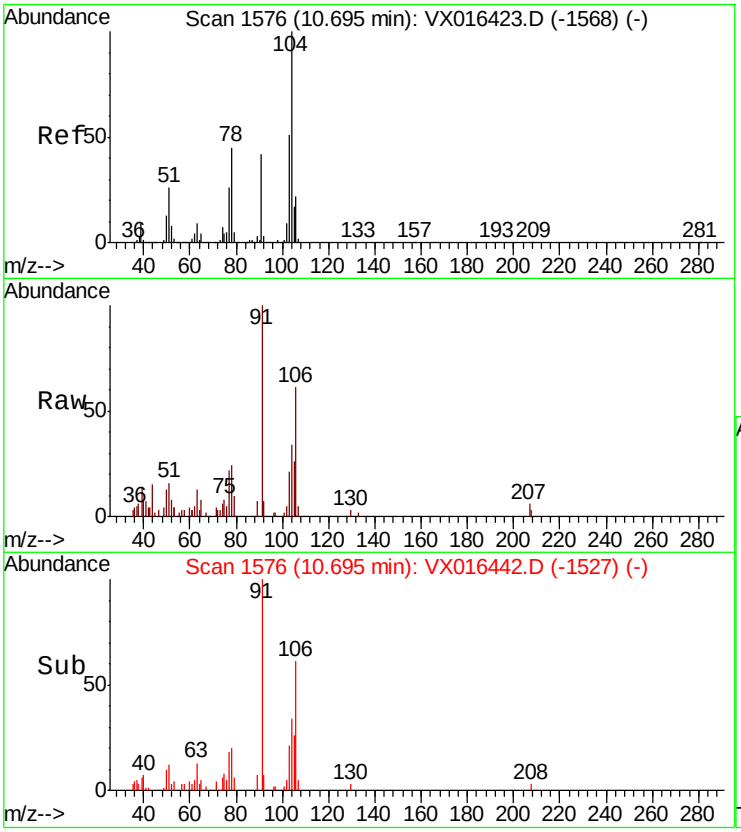


#69
o-Xylene
Concen: 1.992 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion:106 Resp: 5289

Ion	Ratio	Lower	Upper
106	100		
91	210.8	104.0	312.0



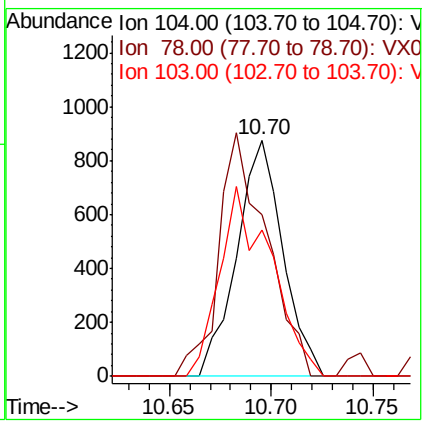


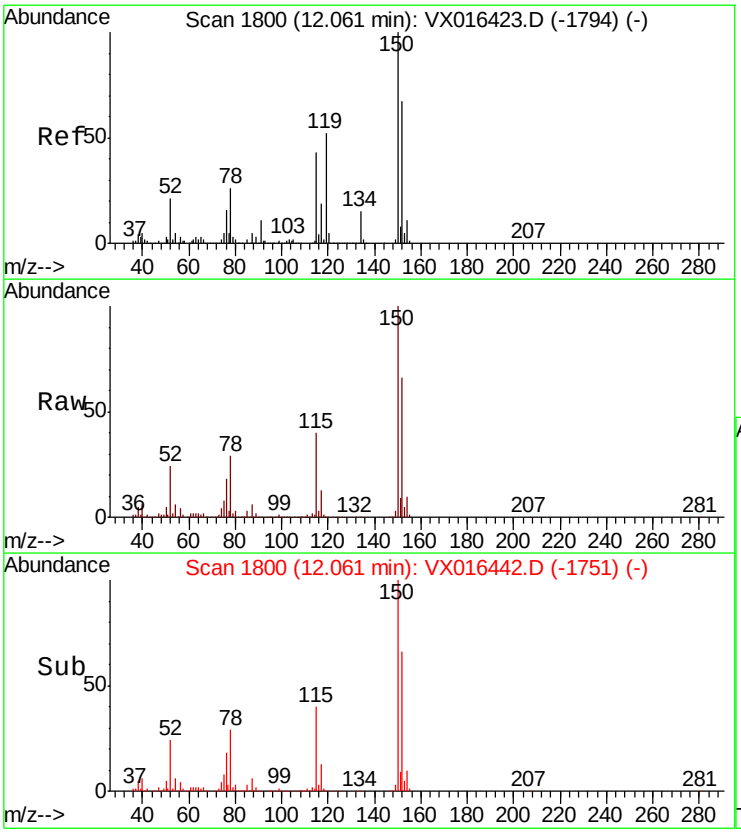
#70
Stvrene
Concen: 0.307 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:104 Resp: 1376

Ion	Ratio	Lower	Upper
104	100		
78	106.8	39.2	58.8#
103	89.1	43.8	65.6#

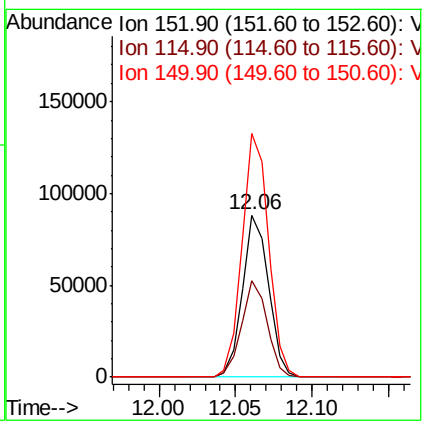


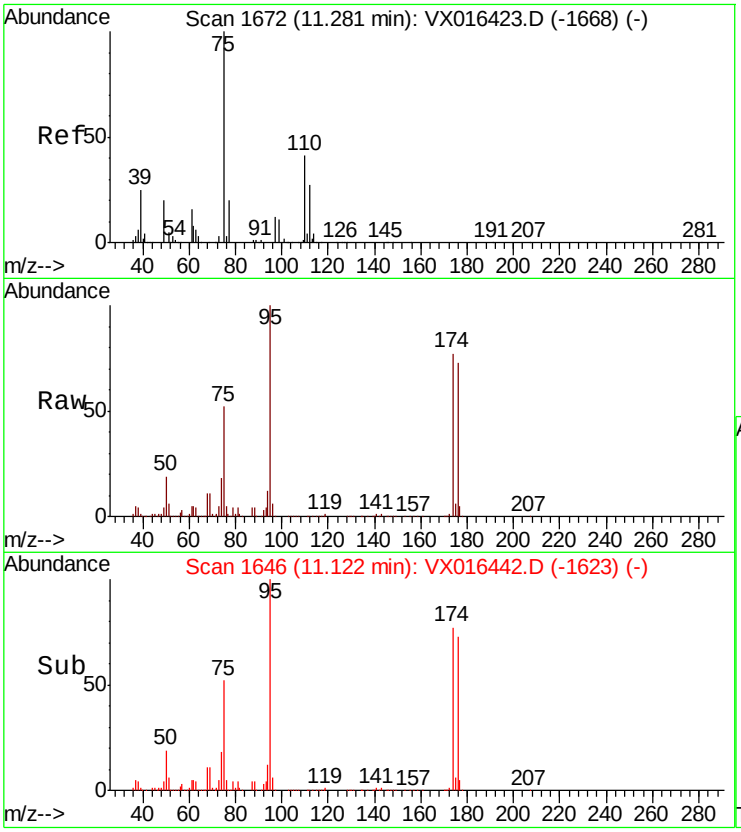


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion:152 Resp: 104172

Ion	Ratio	Lower	Upper
152	100		
115	59.0	40.4	121.2
150	153.0	0.0	345.8



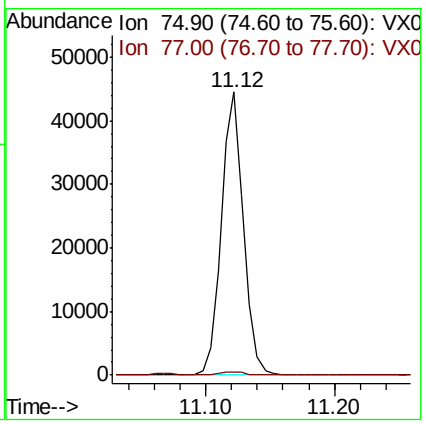


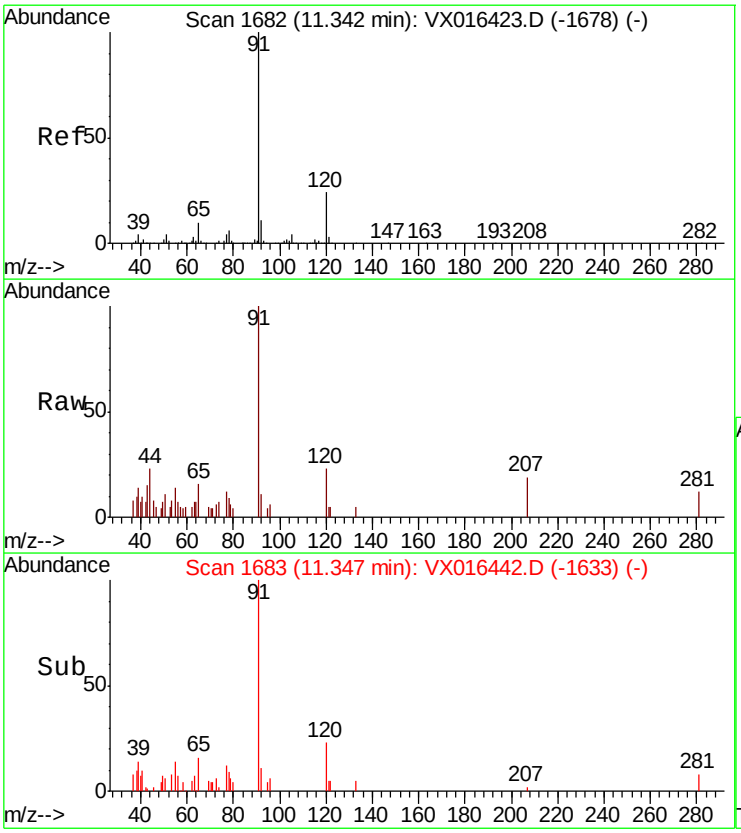
#76
1,2,3-Trichloropropane
Concen: 24.812 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53647

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

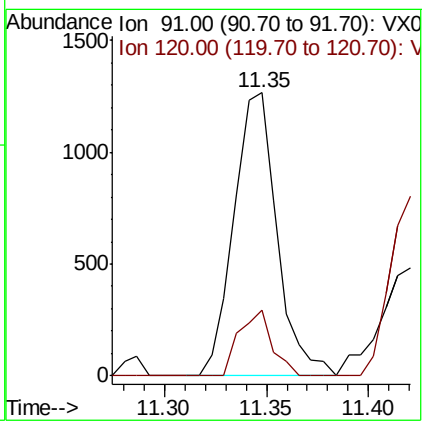


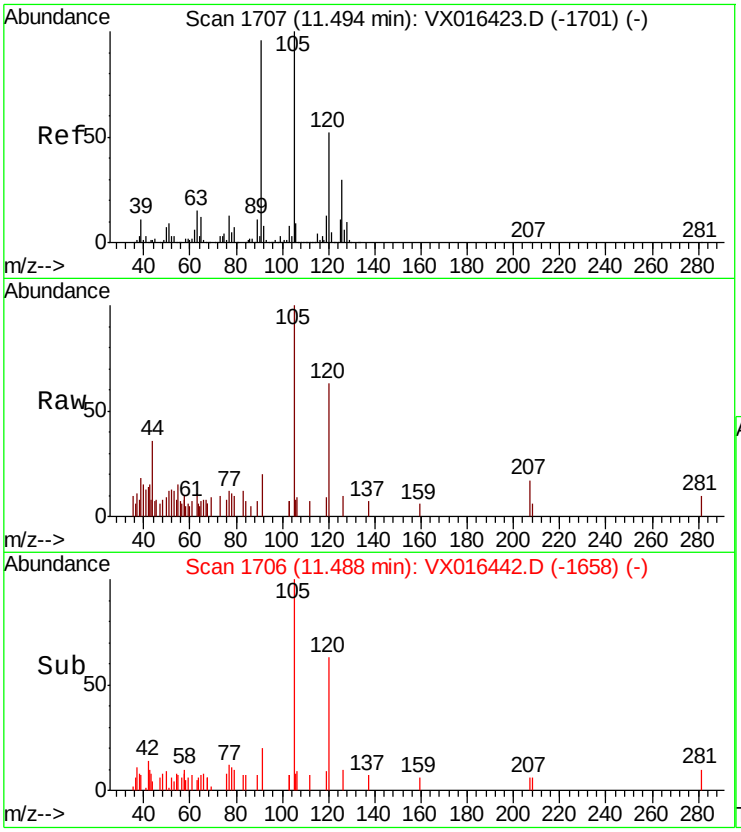


#78
n-propylbenzene
Concen: 0.234 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 91 Resp: 1858

Ion	Ratio	Lower	Upper
91	100		
120	17.5	12.1	36.3



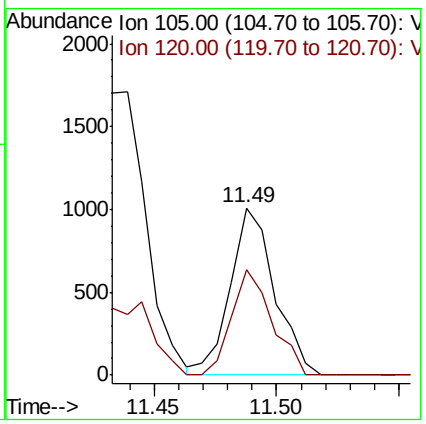


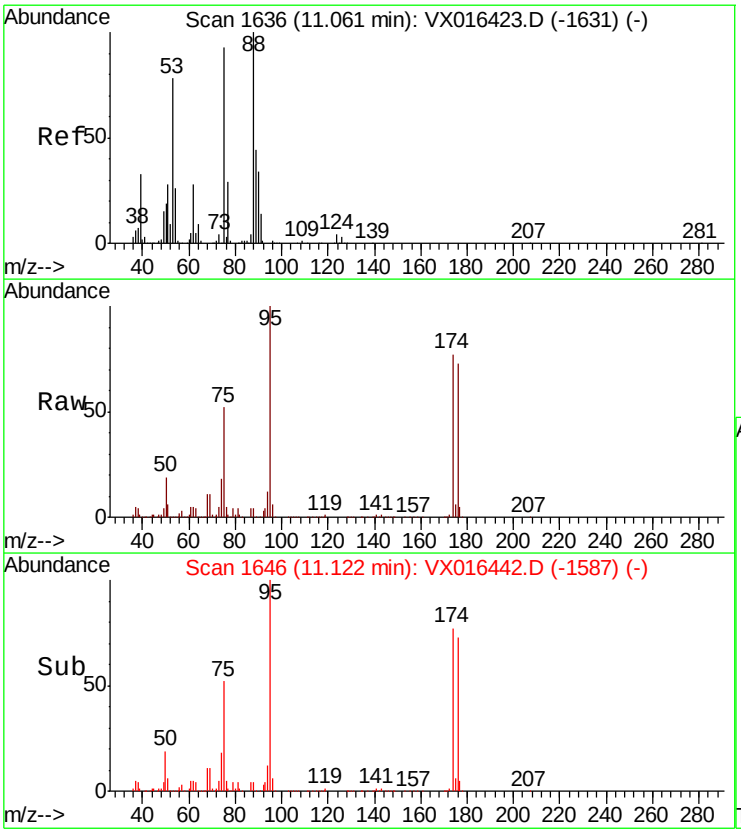
#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1280

Ion	Ratio	Lower	Upper
105	100		
120	57.0	25.0	75.0

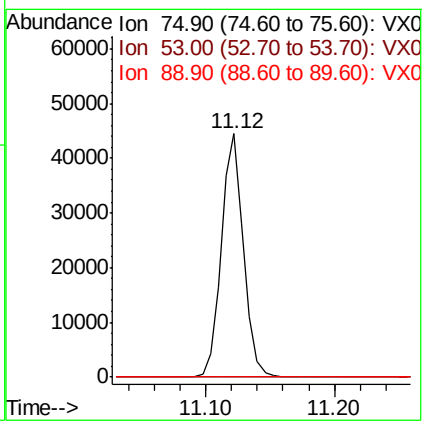


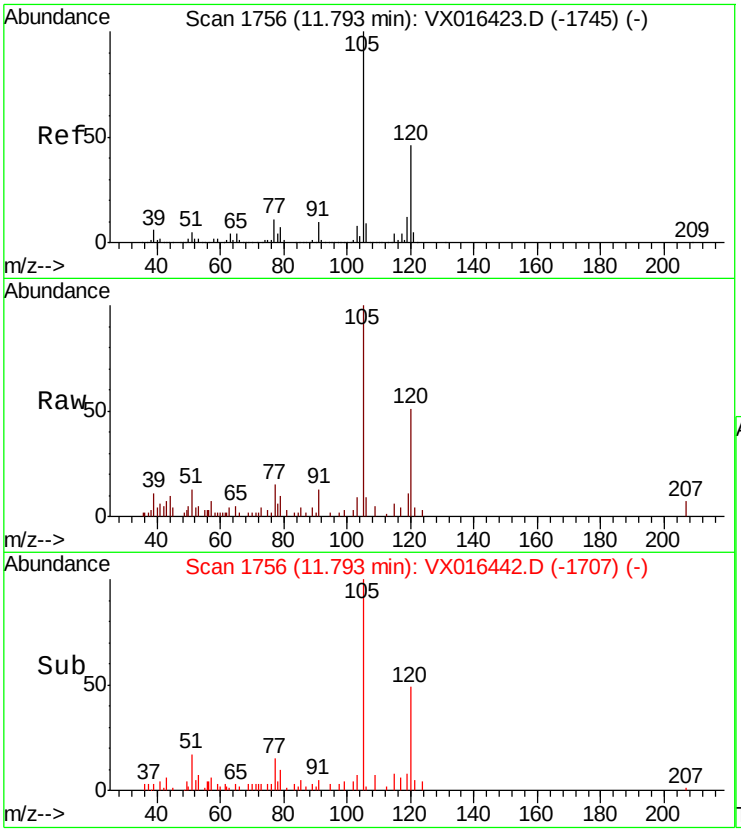


#81
trans-1,4-Dichloro-2-butene
Concen: 59.668 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 75 Resp: 53647

Ion	Ratio	Lower	Upper
75	100		
53	0.4	69.4	104.2#
89	0.2	37.0	55.6#



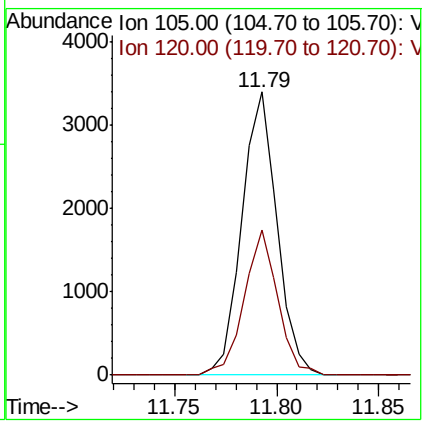


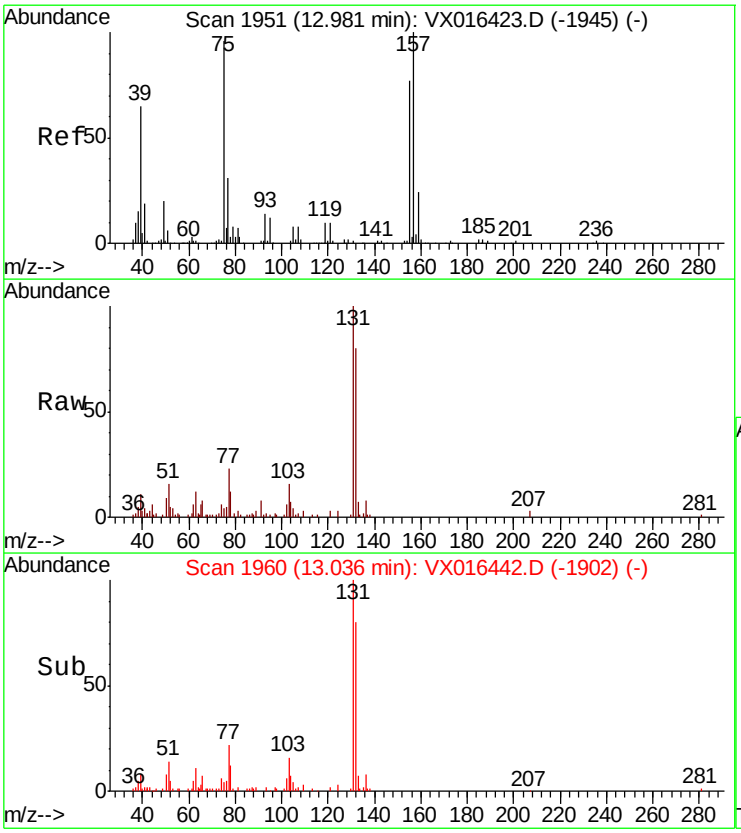
#84
1,2,4-Trimethylbenzene
Concen: 0.682 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4044

Ion	Ratio	Lower	Upper
105	100		
120	49.3	23.2	69.6

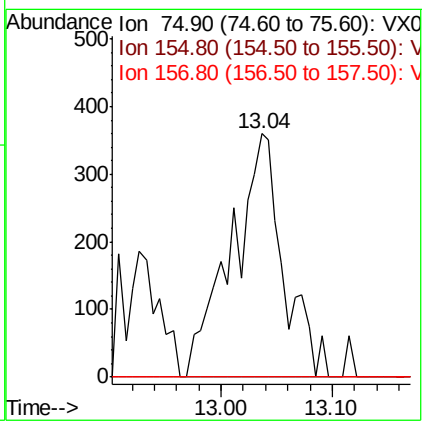


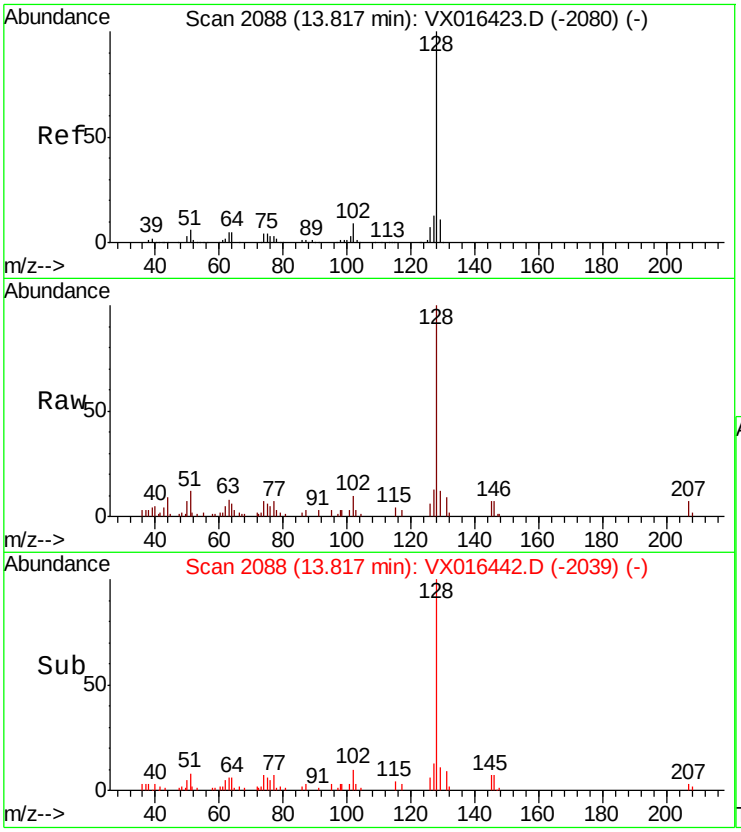


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.121 ug/l
RT: 13.04 min Scan# 1960
Delta R.T. 0.05 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Tgt Ion: 75 Resp: 1166

Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	57.8	173.4#





#95
Naphthalene
Concen: 0.823 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016442.D
Acq: 26 May 2020 21:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 5847

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	14.9	8.9	13.3#