Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016884.D
Acq On : 19 Jun 2020 17:00
Operator : JC/SP
Sample : L3032-02DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LF015MW047-200616DL

Quant Time: Jun 22 01:39:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	214474	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	349658	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	350590	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185479	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	130964	50.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.54%				
35) Dibromofluoromethane	5.47	113	107524	48.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.14%				
50) Toluene-d8	8.70	98	495651	55.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.78%				
62) 4-Bromofluorobenzene	11.12	95	208205	60.72	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.44%				
Target Compounds							Qvalue
10) Methyl Iodide	2.50	142	495	0.232	ug/l	#	69
11) Tert butyl alcohol	3.01	59	6081	13.945	ug/l		95
13) Acrolein	2.27	56	177	0.669	ug/l	#	7
15) Acrylonitrile	3.13	53	484	0.484	ug/l	#	79
16) Acetone	2.42	43	1701	1.817	ug/l		89
17) Carbon Disulfide	2.55	76	2178	0.368	ug/l	#	89
20) Methylene Chloride	2.84	84	798	0.355	ug/l	#	94
22) Diisopropyl ether	3.82	45	6334	1.090	ug/l	#	85
23) Vinyl Acetate	3.82	43	3943	0.823	ug/l	#	68
25) 2-Butanone	4.65	43	883	0.685	ug/l	#	45
26) 2,2-Dichloropropane	4.64	77	747	0.220	ug/l	#	52
36) 1,1-Dichloropropene	5.63	75	14352	4.445	ug/l	#	49
38) Carbon Tetrachloride	5.63	117	20077	5.542	ug/l	#	15
40) Benzene	6.12	78	10838	1.119	ug/l		91
65) Chlorobenzene	10.12	112	951080	133.966	ug/l		99
76) 1,2,3-Trichloropropane	11.12	75	99276	29.307	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.12	75	99276	71.768	ug/l	#	14
86) p-Isopropyltoluene	12.21	119	2238	0.206	ug/l		90
87) 1,3-Dichlorobenzene	12.01	146	10289	1.729	ug/l		97
88) 1,4-Dichlorobenzene	12.09	146	76490	12.711	ug/l		97
89) n-Butylbenzene	12.37	91	2094	0.225	ug/l	#	86
90) Hexachloroethane	12.74	117	4884	2.499	ug/l	#	5
91) 1,2-Dichlorobenzene	12.38	146	297301	51.756	ug/l		98
93) 1,2,4-Trichlorobenzene	13.63	180	2028	0.526	ug/l	#	90
94) Hexachlorobutadiene	13.76	225	799	0.459	ug/l		90
95) Naphthalene	13.82	128	2780	0.245	ug/l		98
96) 1,2,3-Trichlorobenzene	14.01	180	1312	0.341	ug/l	#	72

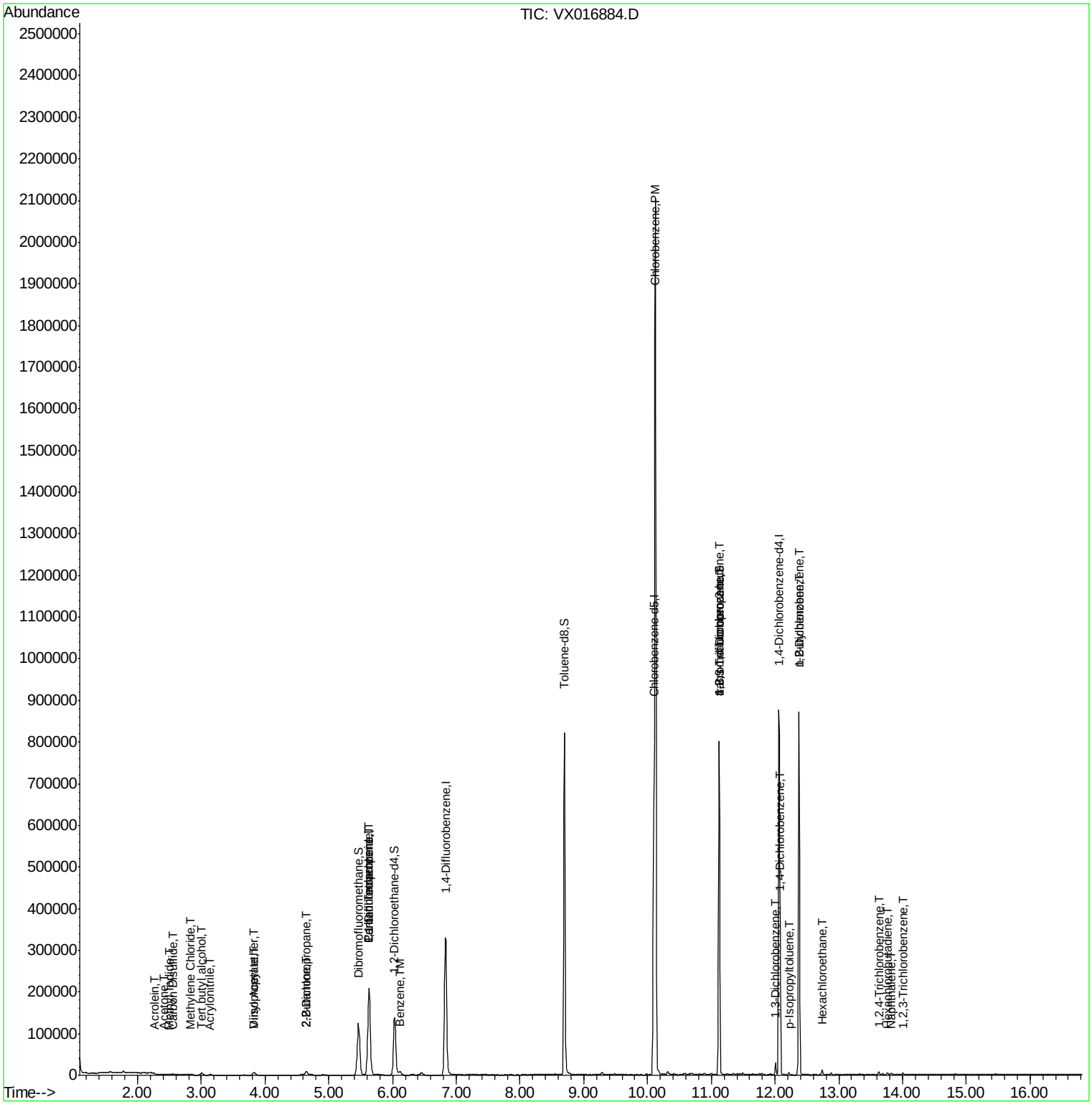
(#) = qualifier out of range (m) = manual integration (+) = signals summed

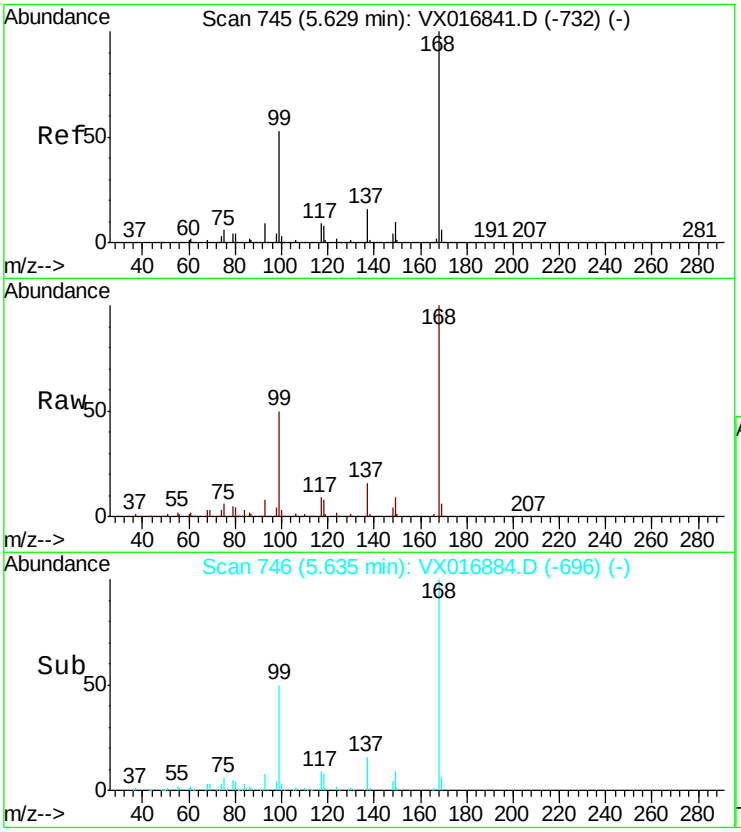
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016884.D
Acq On : 19 Jun 2020 17:00
Operator : JC/SP
Sample : L3032-02DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Quant Time: Jun 22 01:39:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration



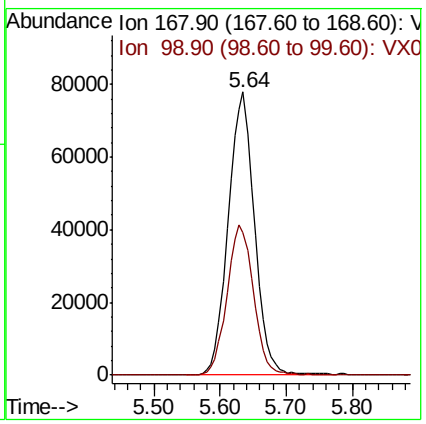


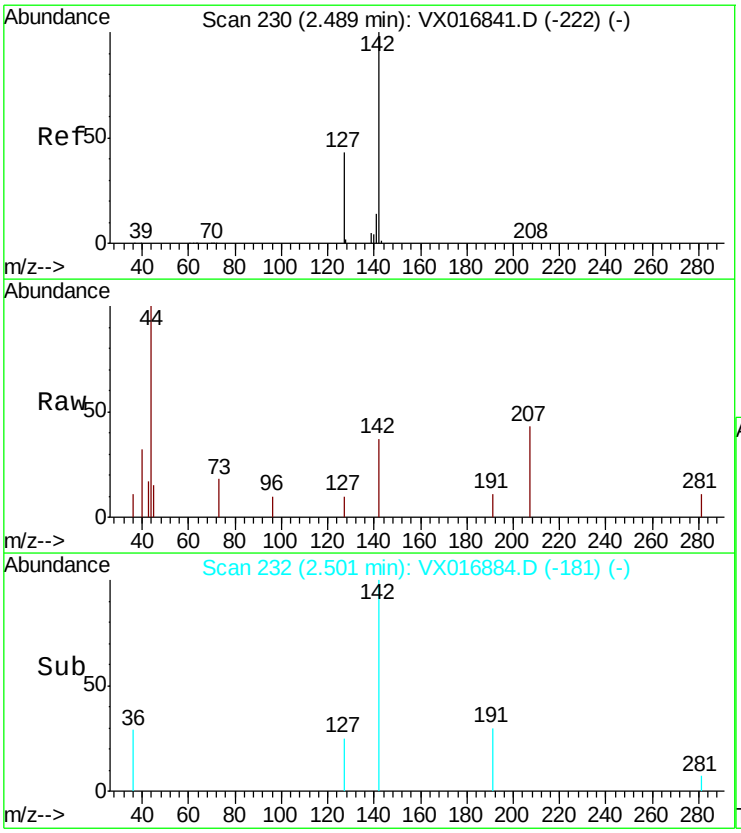
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:168 Resp: 214474

Ion	Ratio	Lower	Upper
168	100		
99	50.4	42.2	63.2

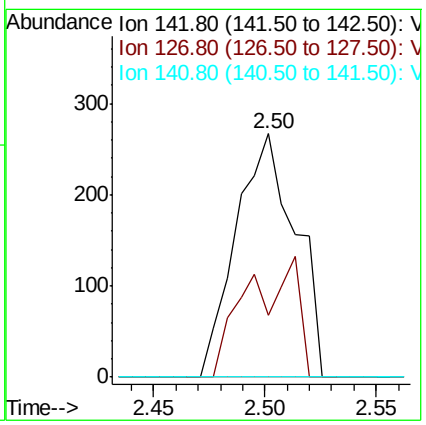


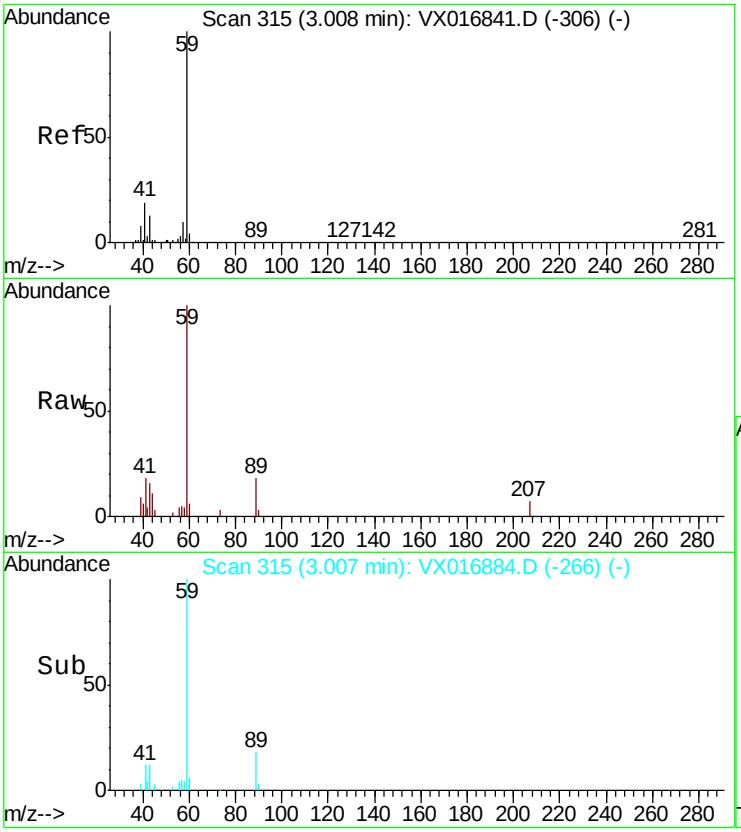


#10
Methyl Iodide
Concen: 0.232 ug/l
RT: 2.50 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:142 Resp: 495

Ion	Ratio	Lower	Upper
142	100		
127	24.6	35.1	52.7#
141	0.0	11.6	17.4#



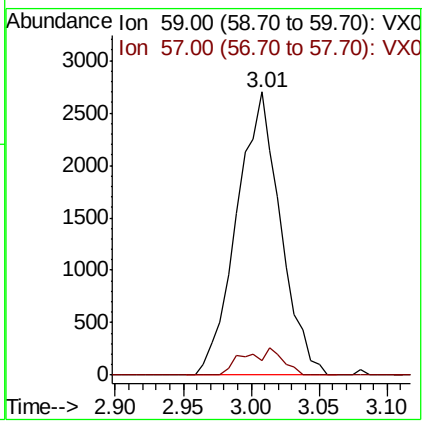


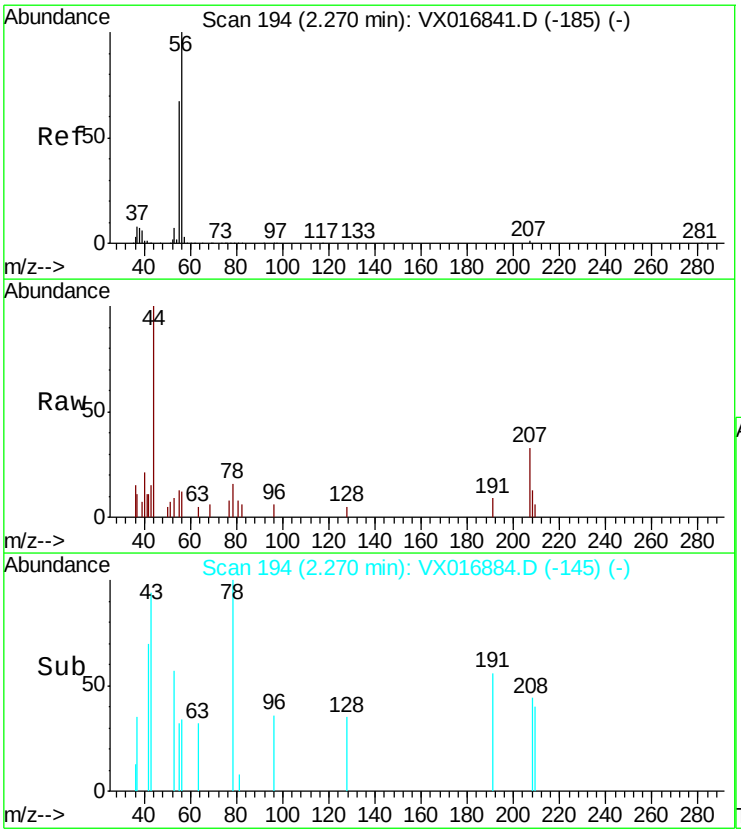
#11
Tert butyl alcohol
Concen: 13.945 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 59 Resp: 6081

Ion	Ratio	Lower	Upper
59	100		
57	8.5	8.4	12.6

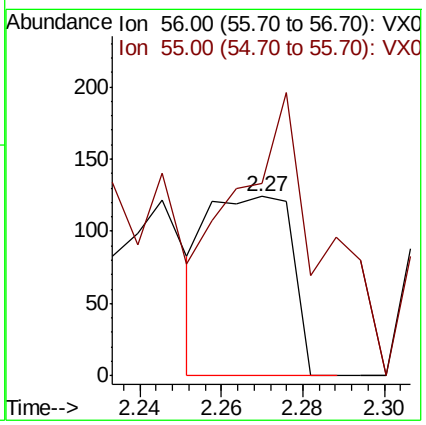


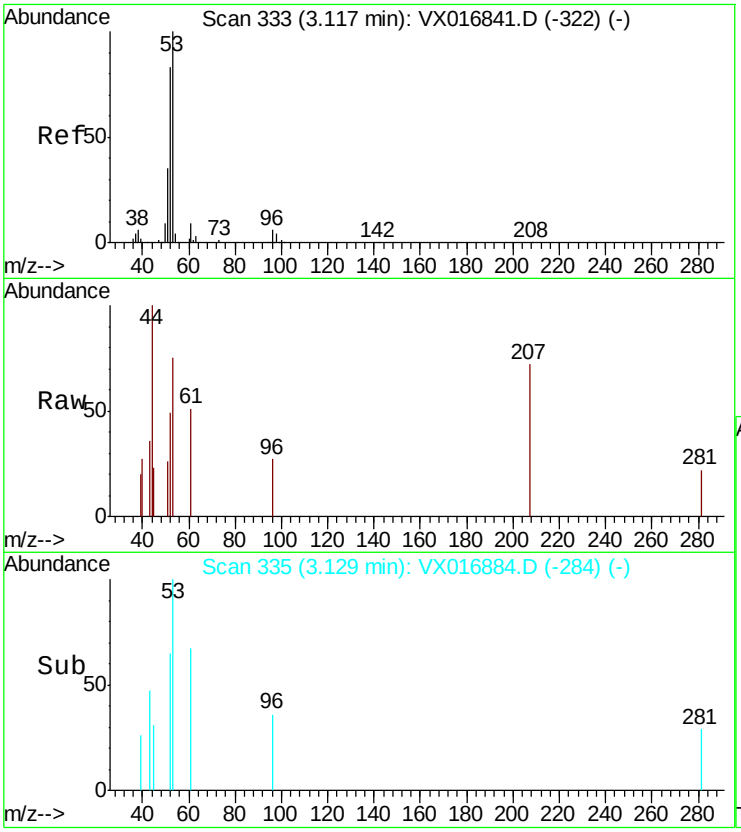


#13
Acrolein
Concen: 0.669 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 56 Resp: 177

Ion	Ratio	Lower	Upper
56	100		
55	145.8	55.7	83.5#



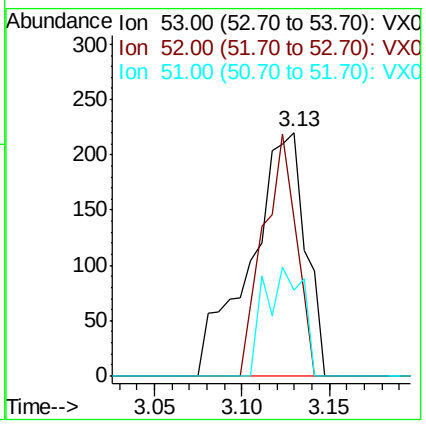


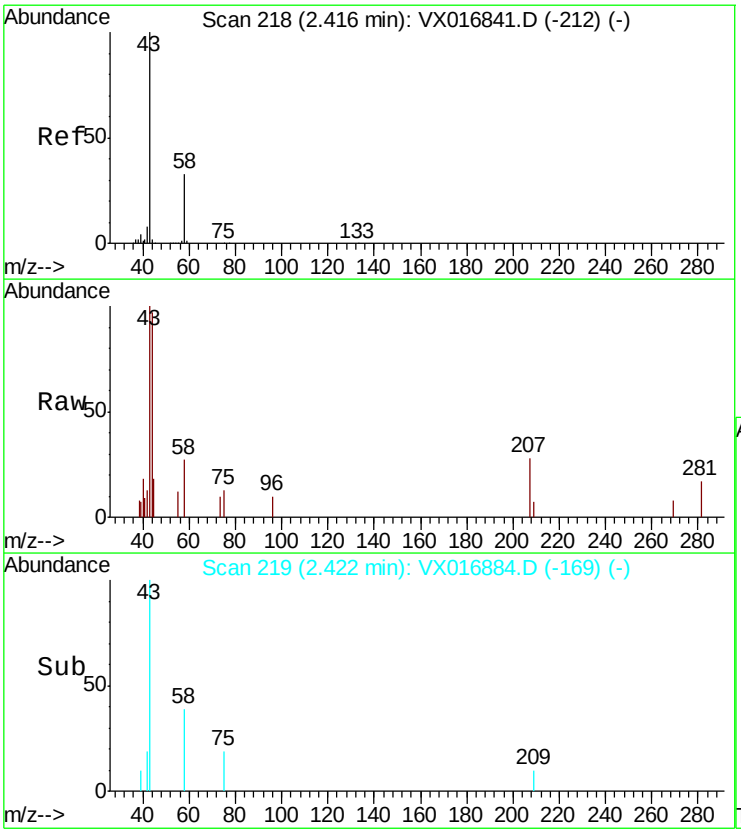
#15
Acrylonitrile
Concen: 0.484 ug/l
RT: 3.13 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 53 Resp: 484

Ion	Ratio	Lower	Upper
53	100		
52	59.1	66.2	99.2#
51	30.8	28.7	43.1

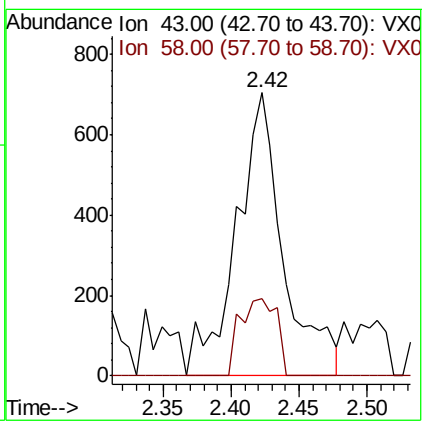


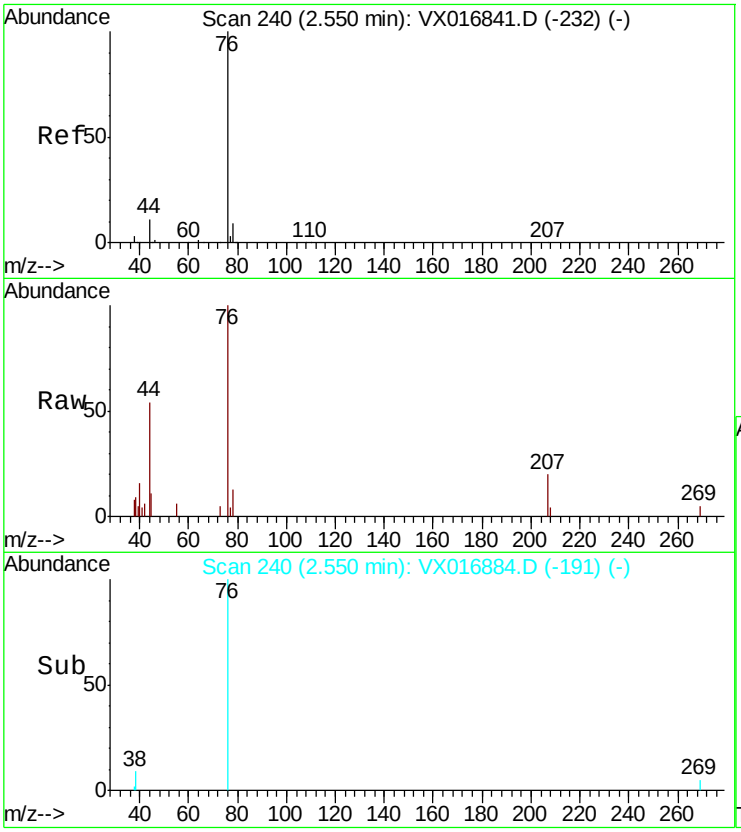


#16
Acetone
Concen: 1.817 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 43 Resp: 1701

Ion	Ratio	Lower	Upper
43	100		
58	27.1	26.6	39.8



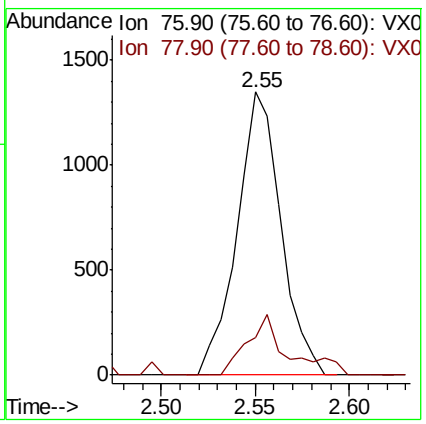


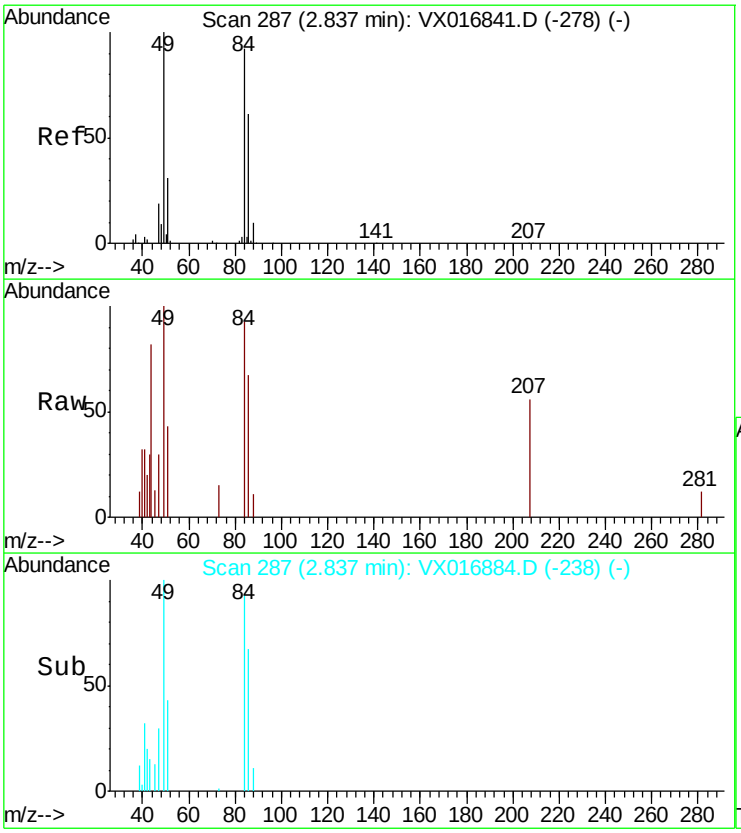
#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 76 Resp: 2178

Ion	Ratio	Lower	Upper
76	100		
78	13.4	7.5	11.3#

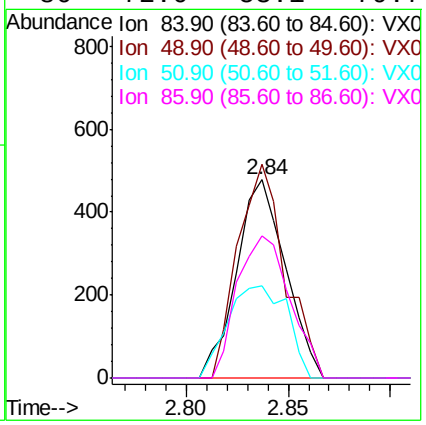


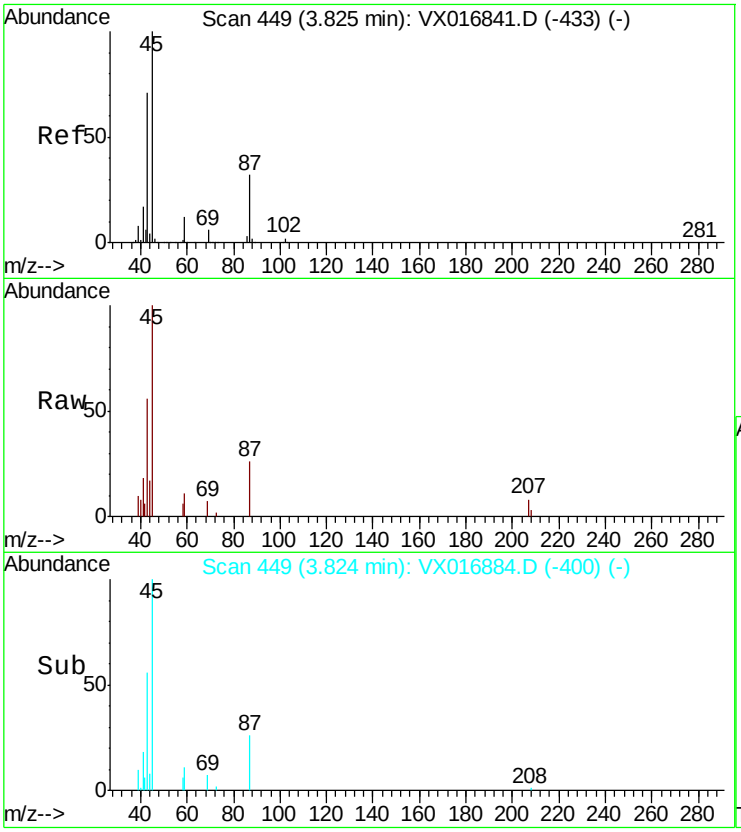


#20
Methylene Chloride
Concen: 0.355 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 84 Resp: 798

Ion	Ratio	Lower	Upper
84	100		
49	107.7	86.6	129.8
51	46.4	27.1	40.7#
86	72.0	53.1	79.7



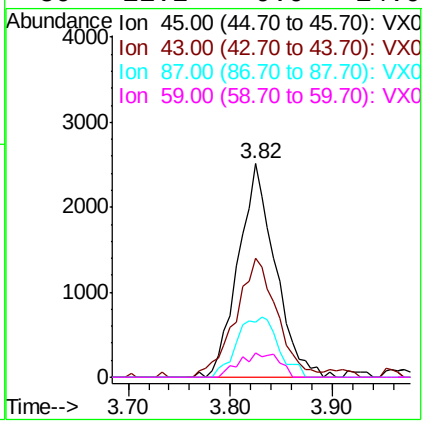


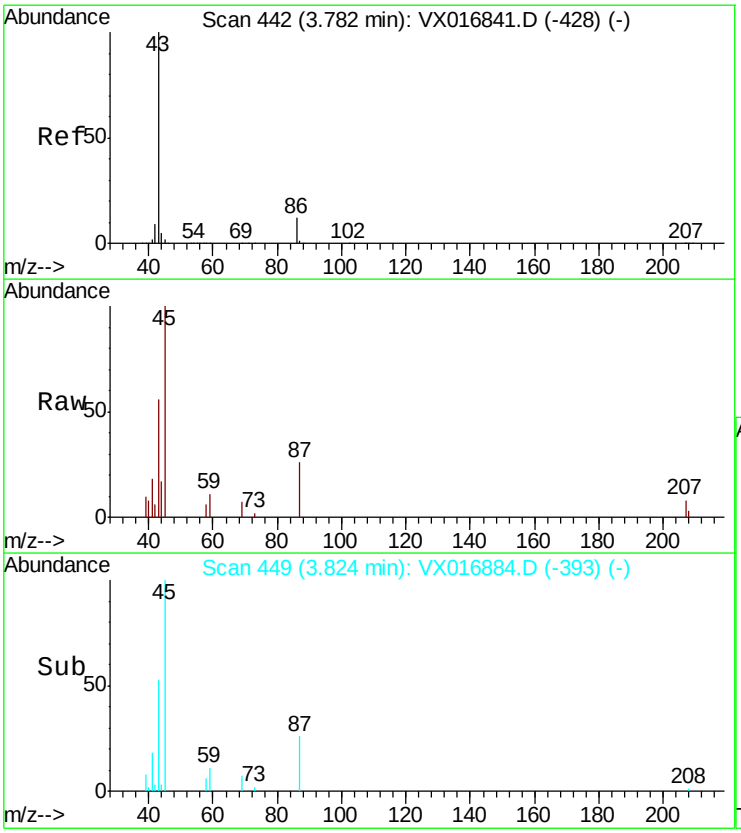
#22
Diisopropyl ether
Concen: 1.090 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument : MSVOA_X
ClientSampleId : LF015MW047-200616DL

Tgt Ion: 45 Resp: 6334

Ion	Ratio	Lower	Upper
45	100		
43	55.5	57.0	85.4#
87	25.9	25.2	37.8
59	11.2	9.9	14.9

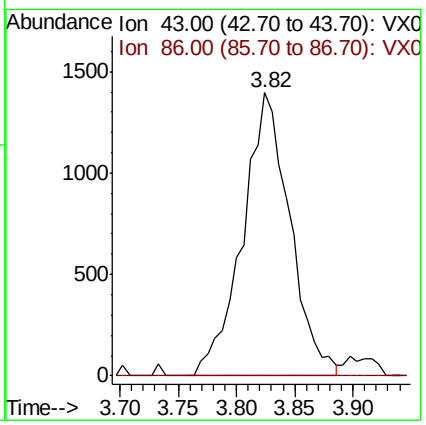


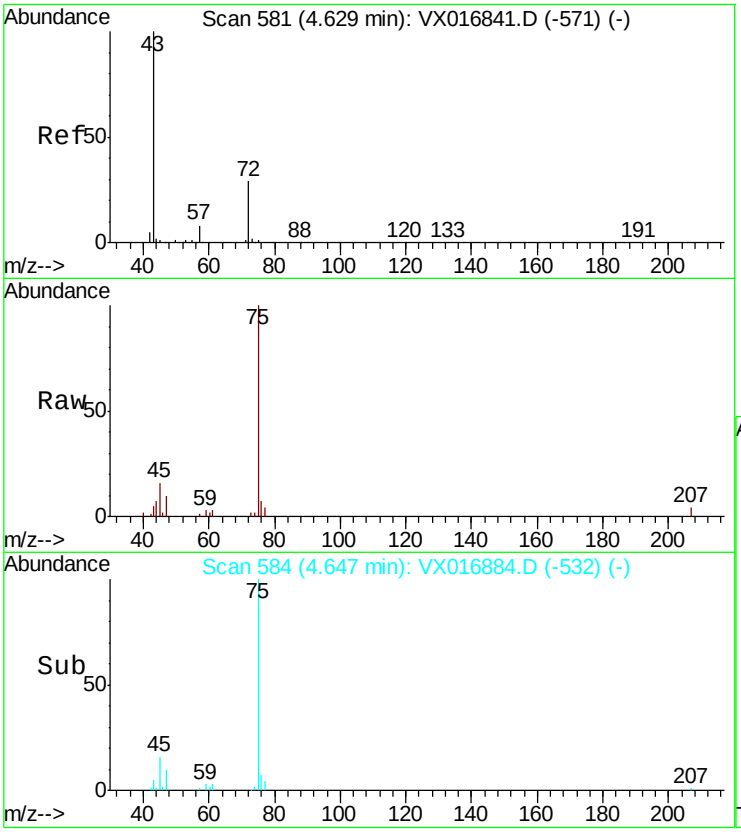


#23
Vinyl Acetate
Concen: 0.823 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.04 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 43 Resp: 3943

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.9	14.9#



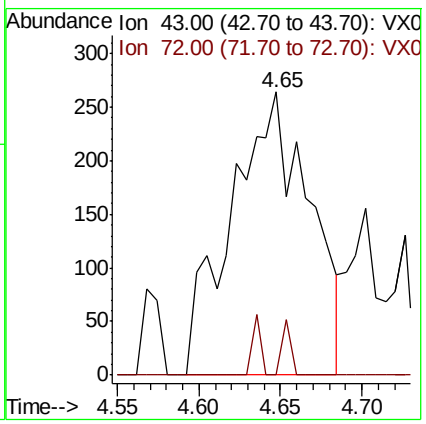


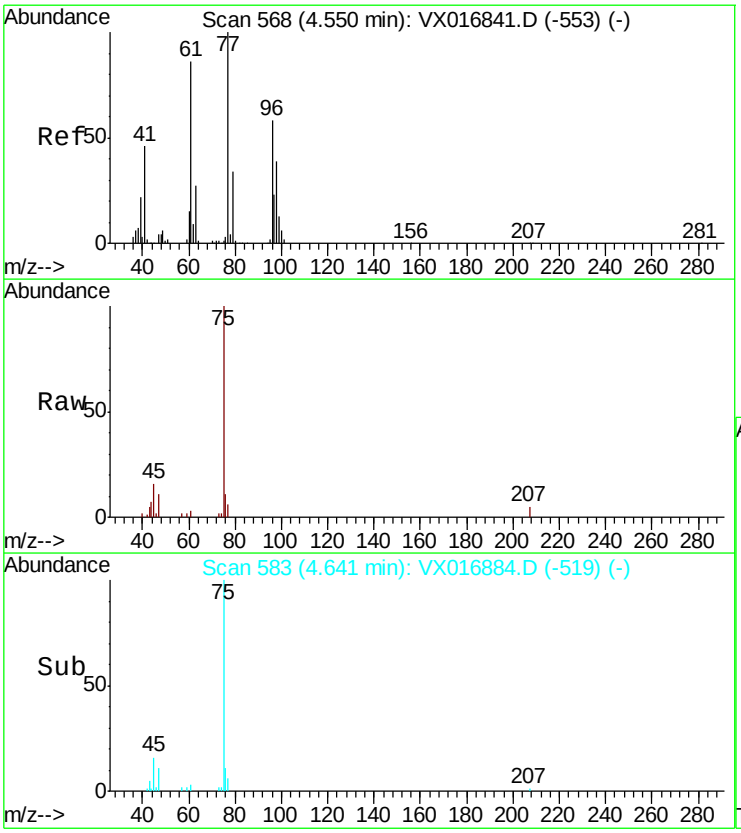
#25
2-Butanone
Concen: 0.685 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 43 Resp: 883

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.5	35.3#

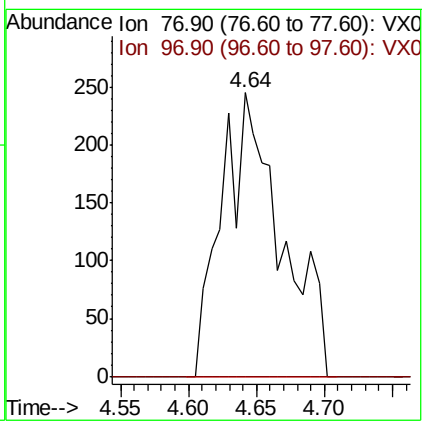


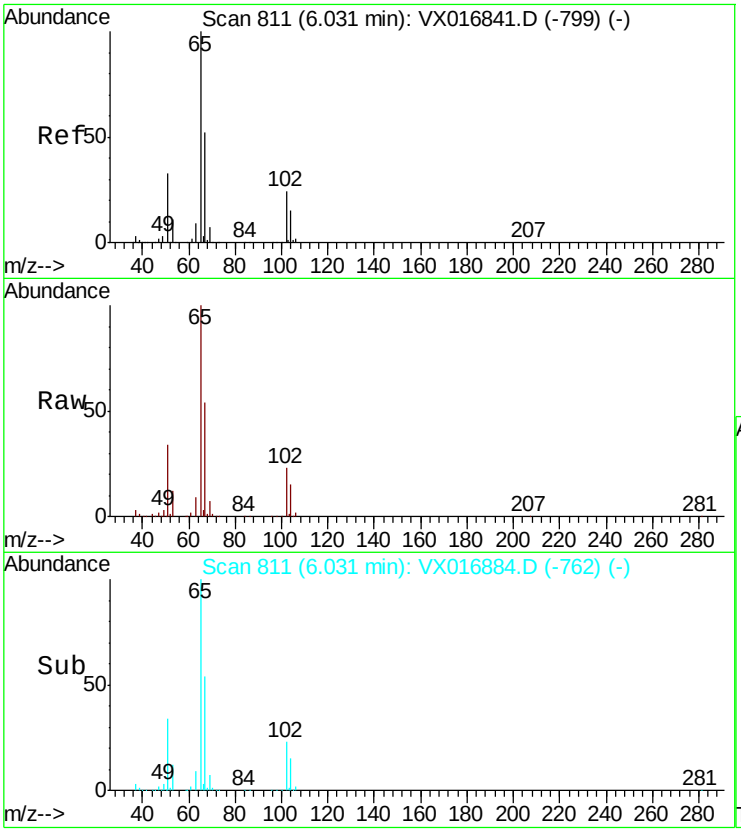


#26
2,2-Dichloropropane
Concen: 0.220 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.09 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 77 Resp: 747

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.6	34.7#



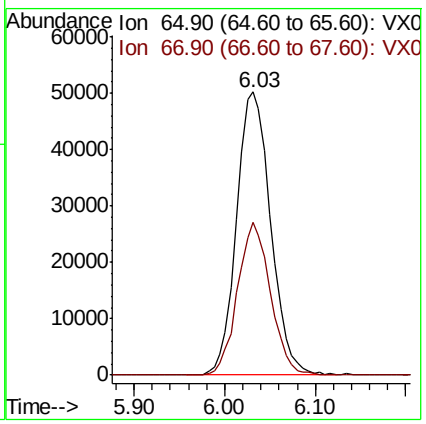


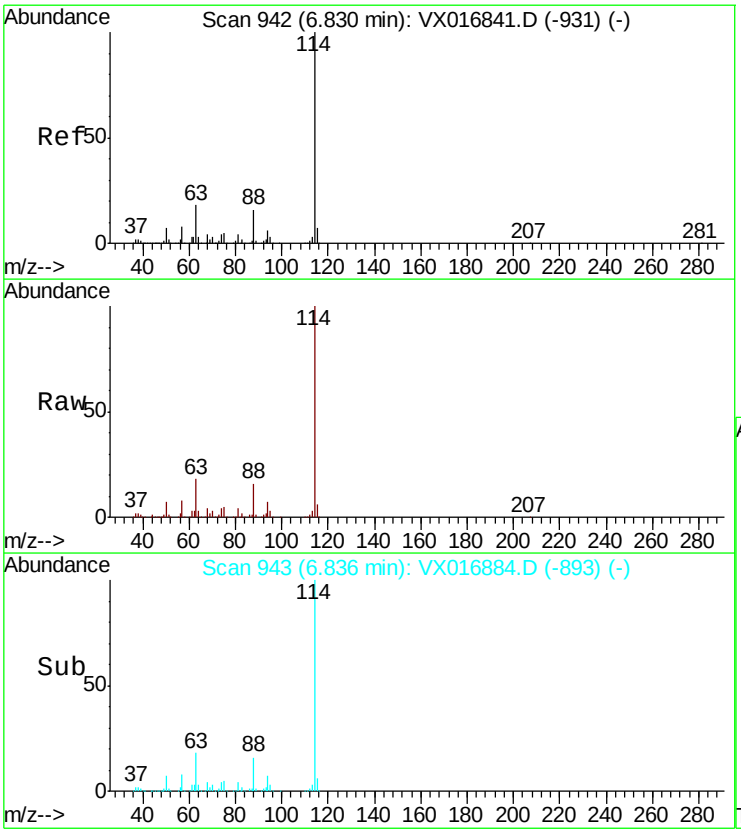
#33
1,2-Dichloroethane-d4
Concen: 50.773 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 65 Resp: 130964

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

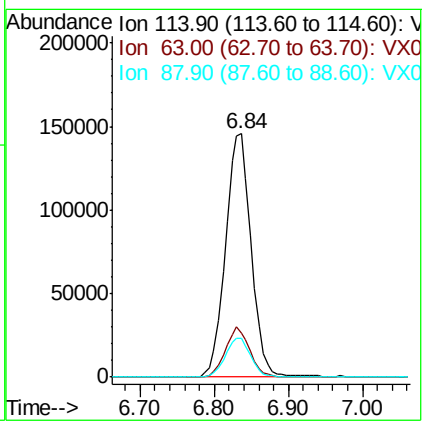


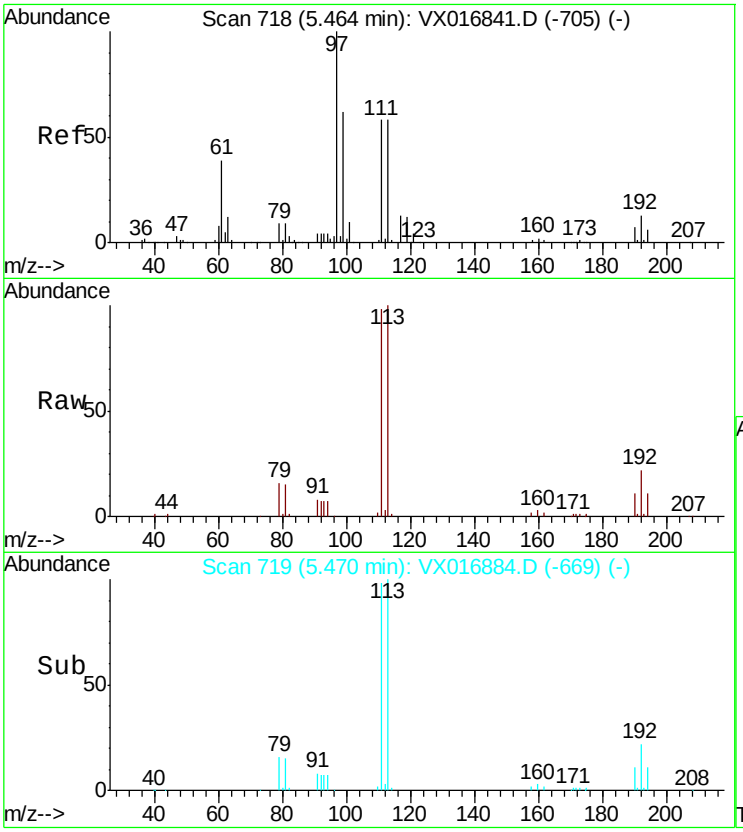


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:114 Resp: 349658

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	37.0
88	16.1	0.0	32.0



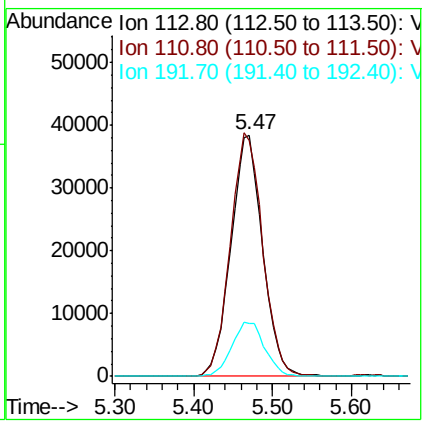


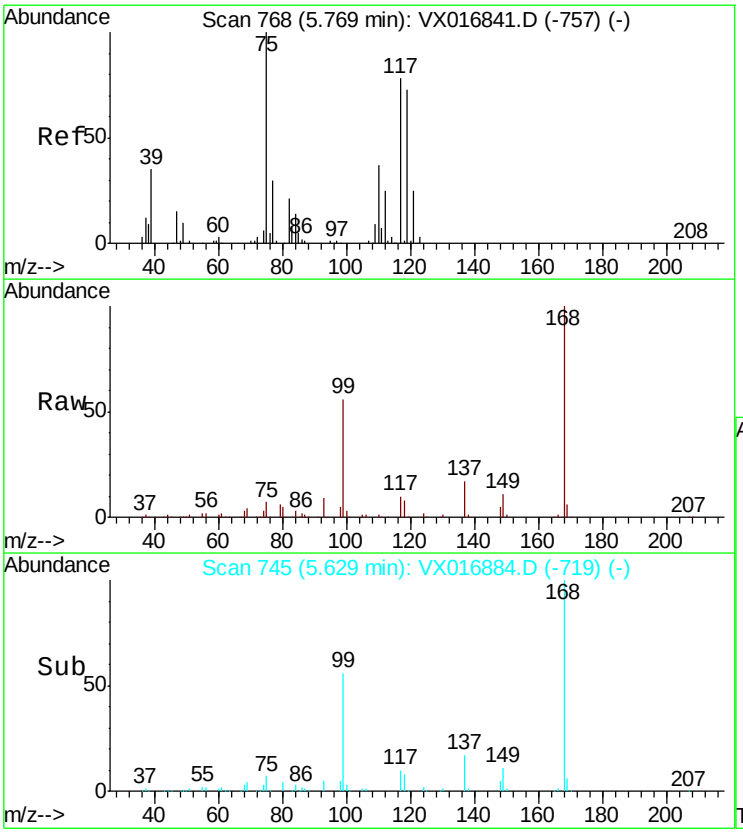
#35
Dibromofluoromethane
Concen: 48.071 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:113 Resp: 107524

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	23.3	18.5	27.7

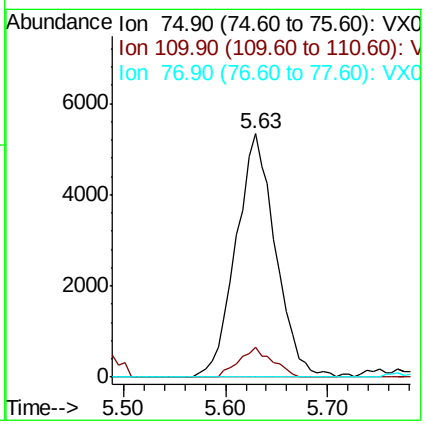


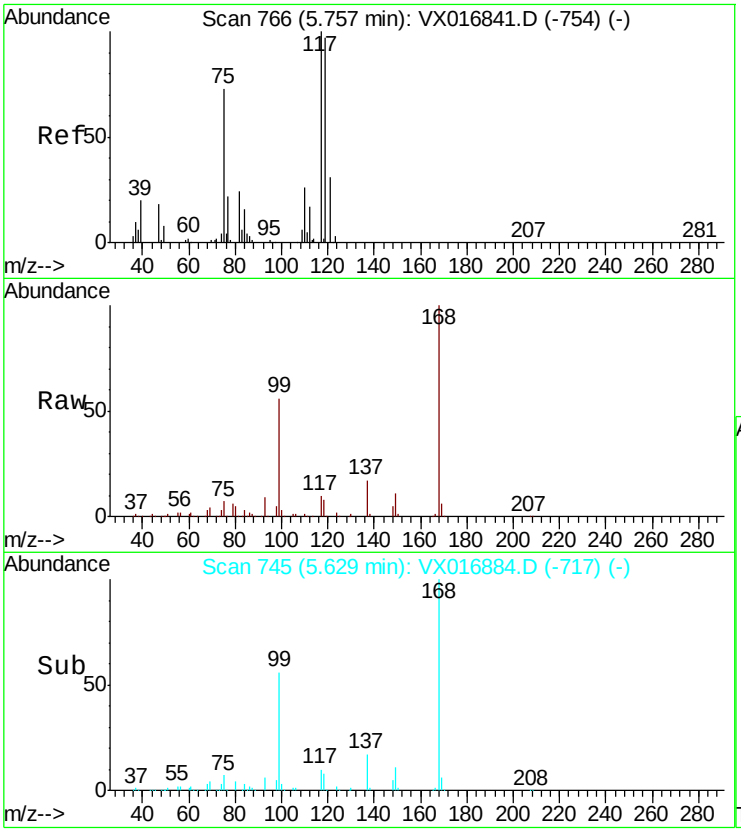


#36
1,1-Dichloropropene
Concen: 4.445 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 75 Resp: 14352

Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.9	56.9#
77	0.0	25.6	38.4#



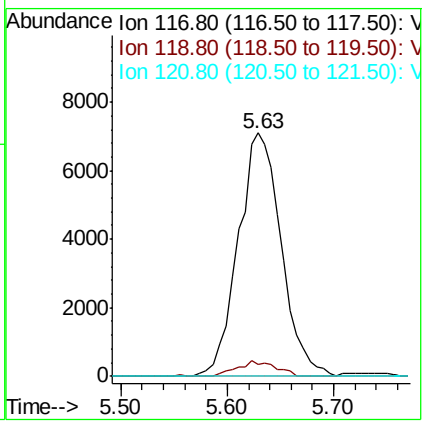


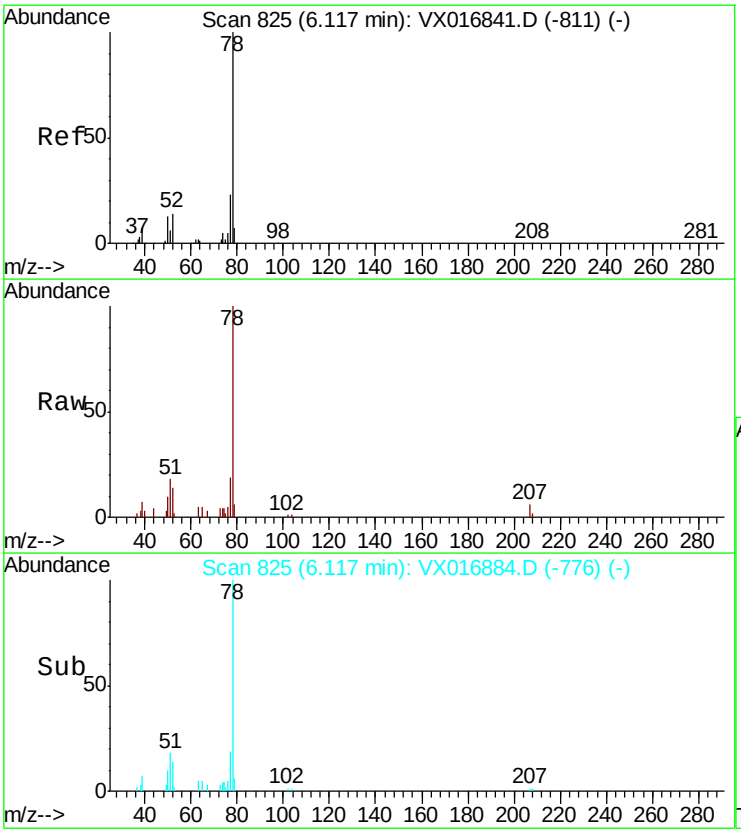
#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:117 Resp: 20077

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.2#
121	0.0	24.7	37.1#

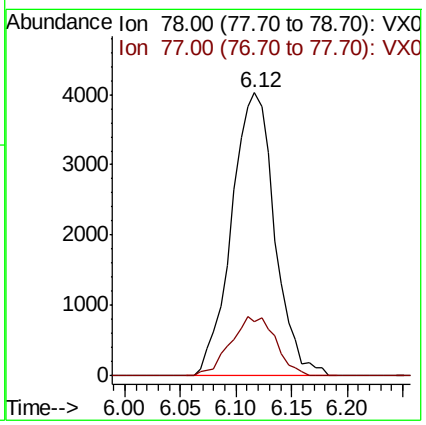


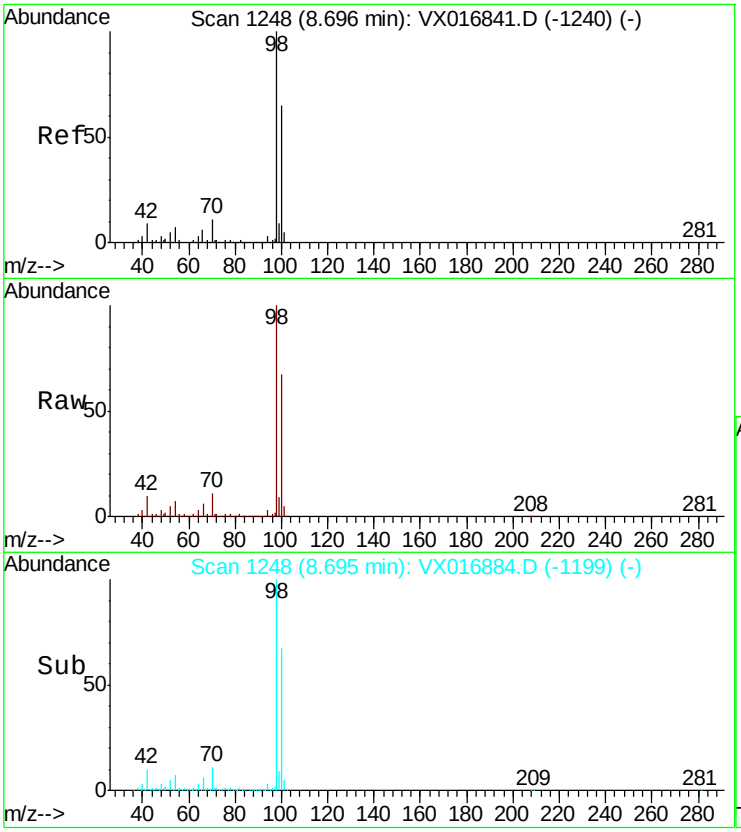


#40
Benzene
Concen: 1.119 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 78 Resp: 10838

Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.6	27.8



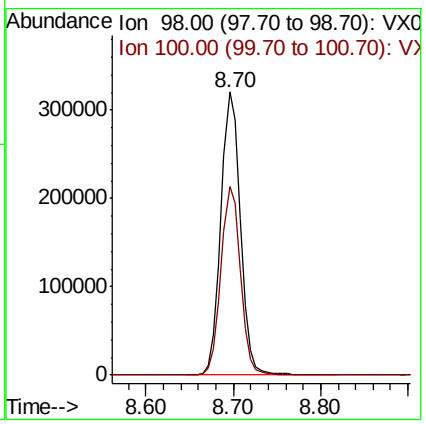


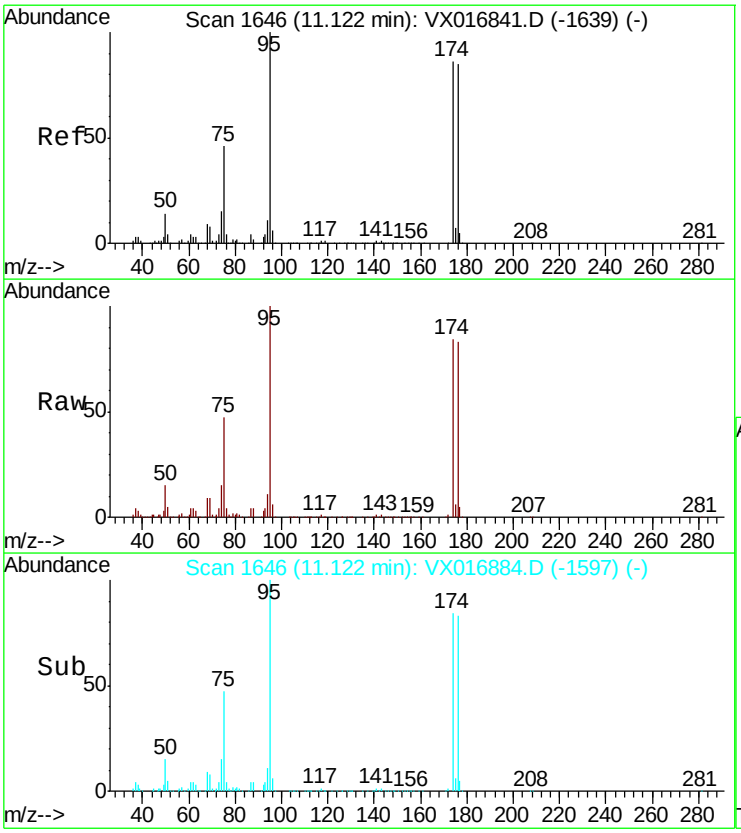
#50
Toluene-d8
Concen: 55.386 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 98 Resp: 495651

Ion	Ratio	Lower	Upper
98	100		
100	66.6	54.0	81.0

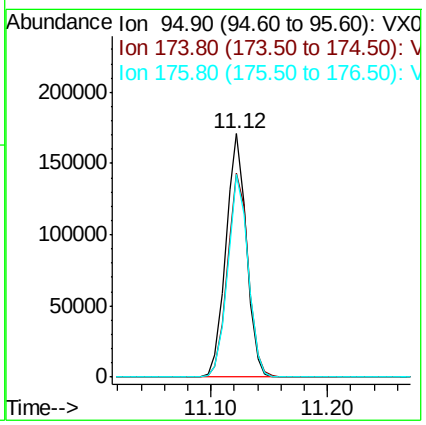


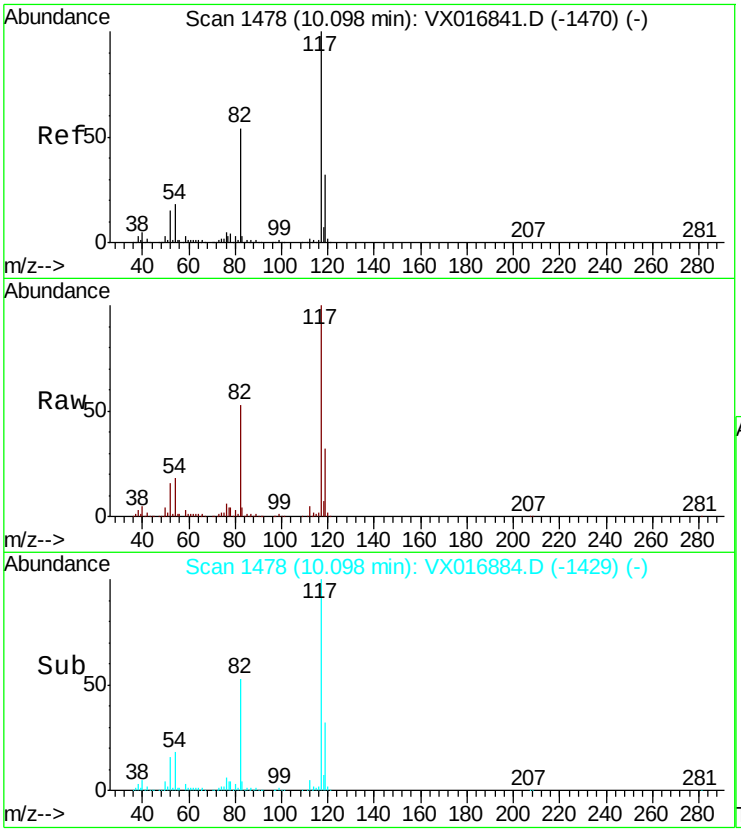


#62
4-Bromofluorobenzene
Concen: 60.724 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 95 Resp: 208205

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	174.2
176	83.0	0.0	170.0



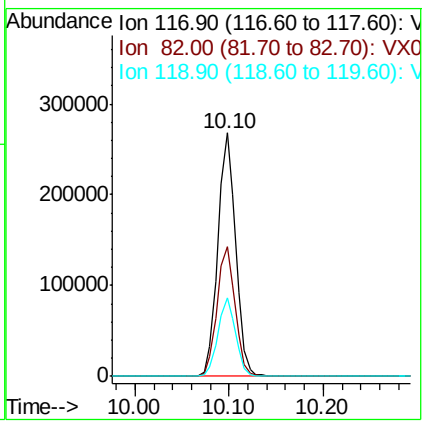


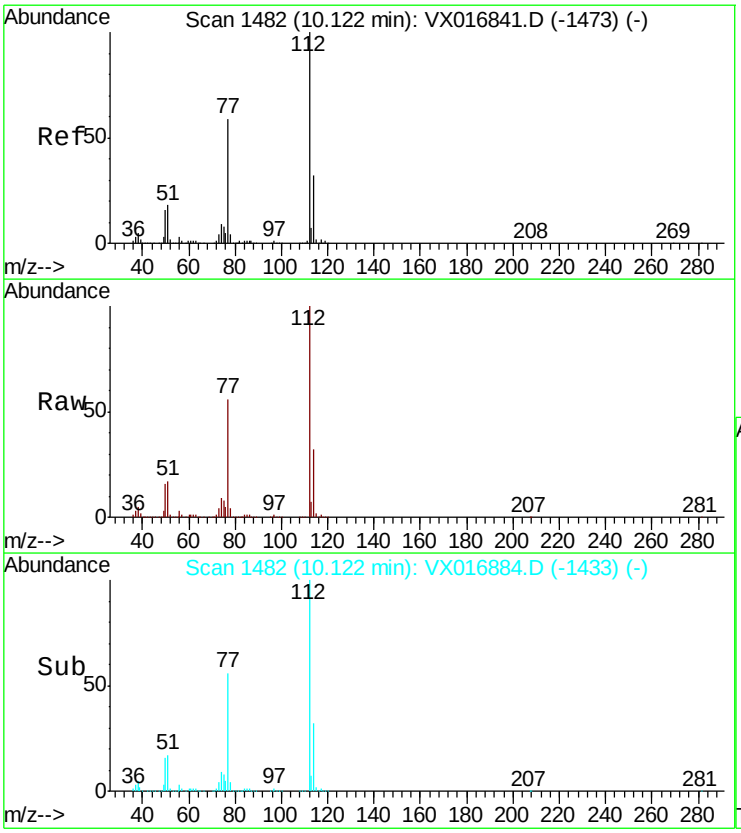
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:117 Resp: 350590

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	32.4	25.7	38.5

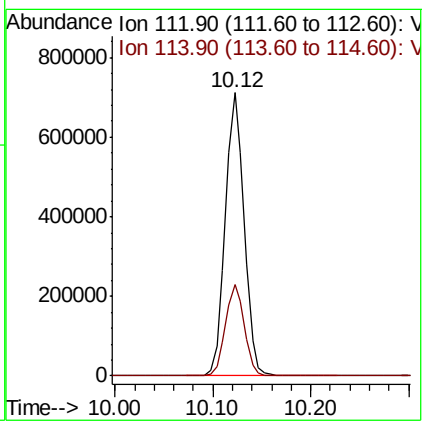


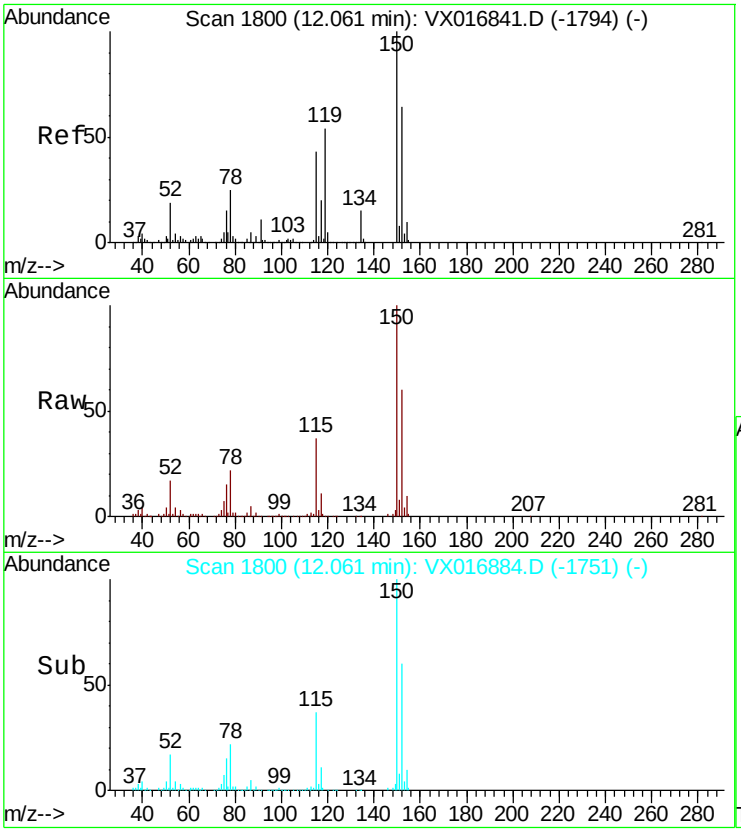


#65
Chlorobenzene
Concen: 133.966 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:112 Resp: 951080

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.5	38.3



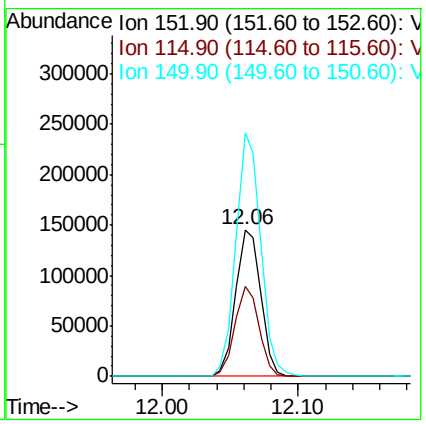


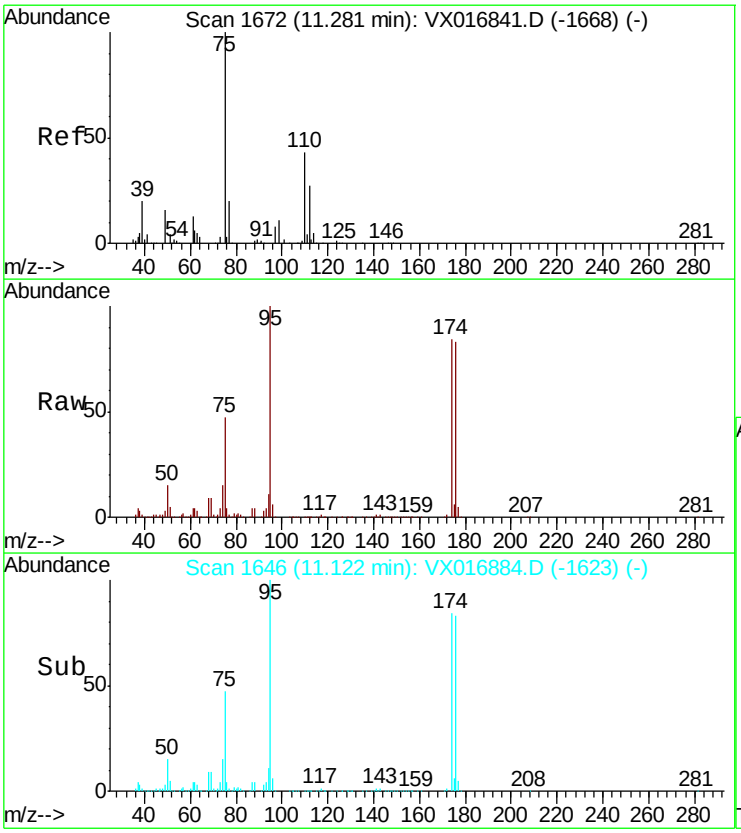
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:152 Resp: 185479

Ion	Ratio	Lower	Upper
152	100		
115	59.1	40.9	122.8
150	165.4	0.0	344.2

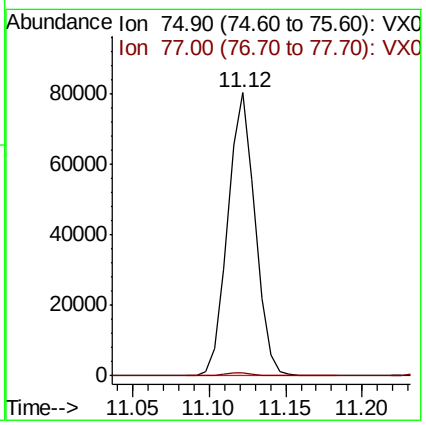


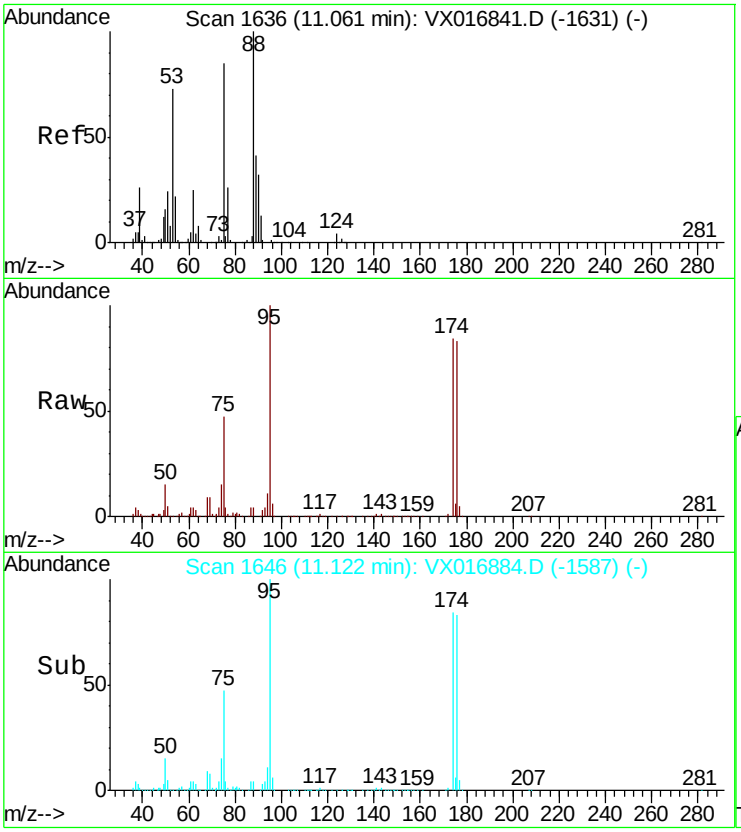


#76
1,2,3-Trichloropropane
Concen: 29.307 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion: 75 Resp: 99276

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.5#



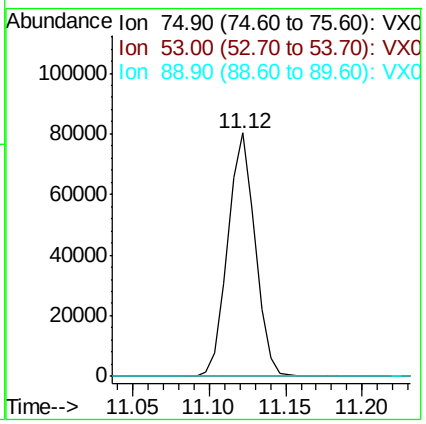


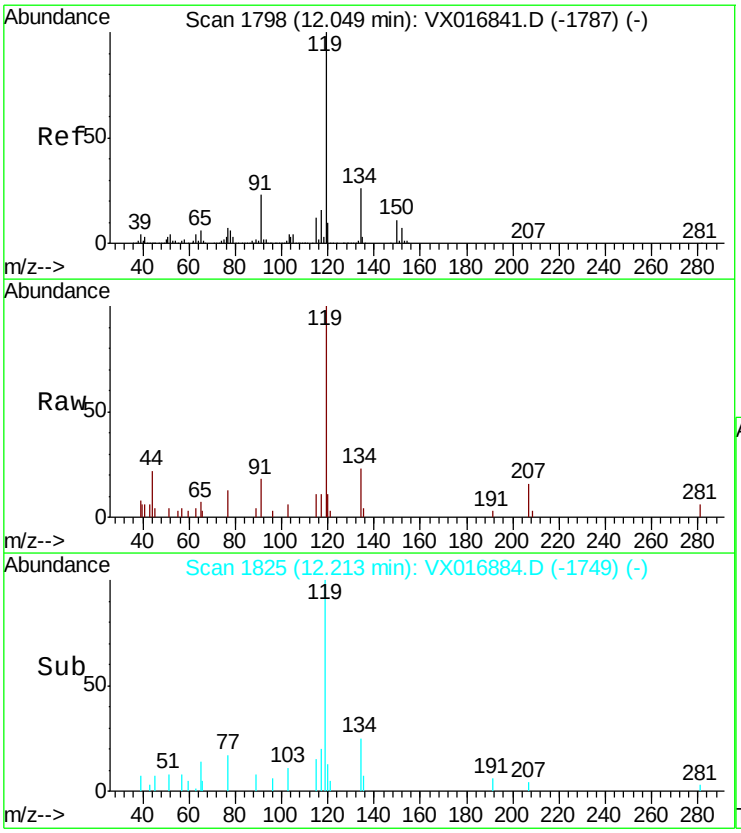
#81
trans-1,4-Dichloro-2-butene
Concen: 71.768 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 75 Resp: 99276

Ion	Ratio	Lower	Upper
75	100		
53	0.1	69.8	104.8#
89	0.0	38.3	57.5#

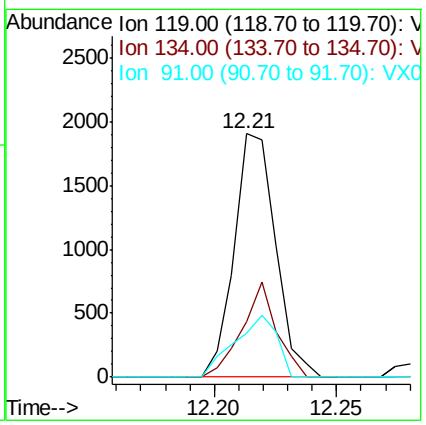


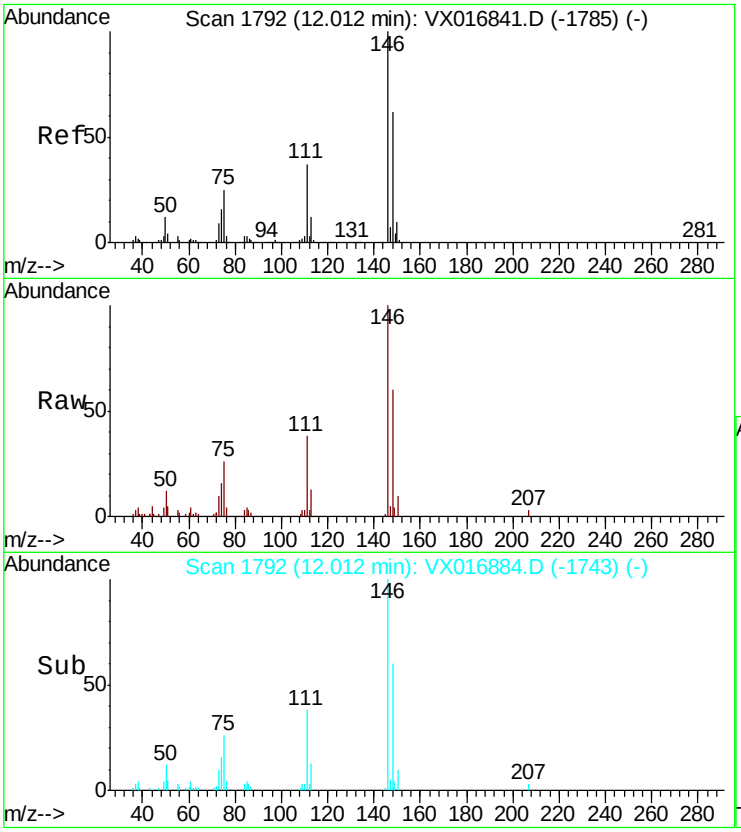


#86
p-Isopropyltoluene
Concen: 0.206 ug/l
RT: 12.21 min Scan# 1825
Delta R.T. 0.16 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:119 Resp: 2238

Ion	Ratio	Lower	Upper
119	100		
134	32.6	12.9	38.7
91	26.4	11.6	34.8



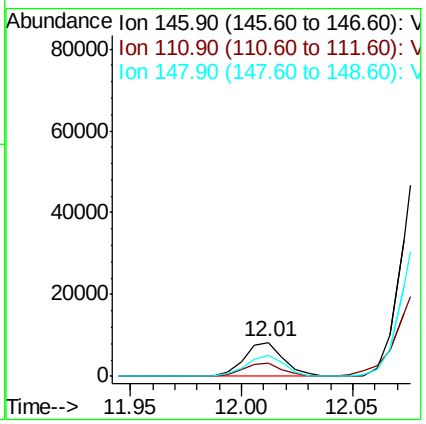


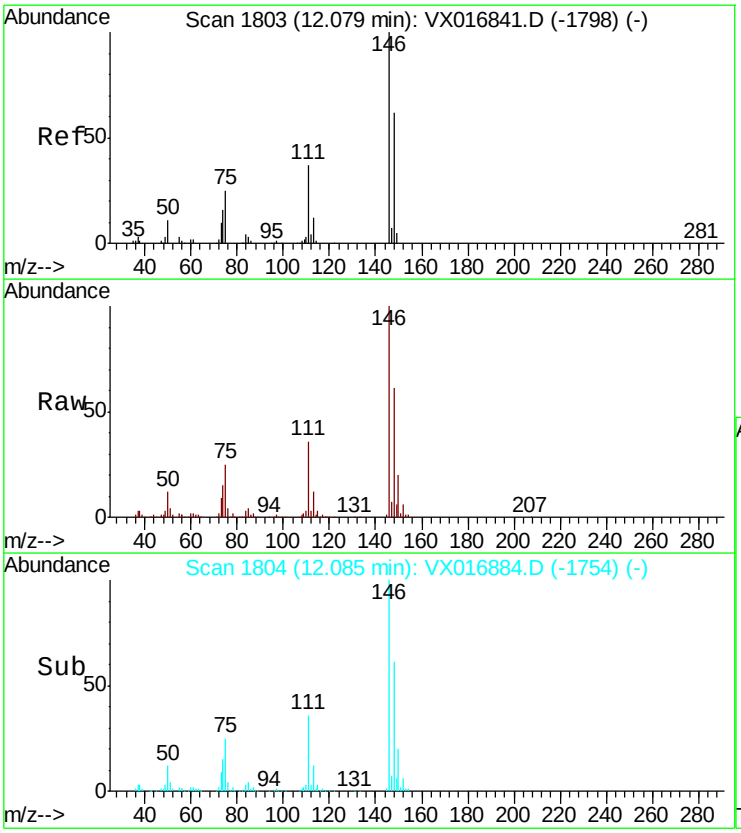
#87
1,3-Dichlorobenzene
Concen: 1.729 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:146 Resp: 10289

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	60.6	31.8	95.3

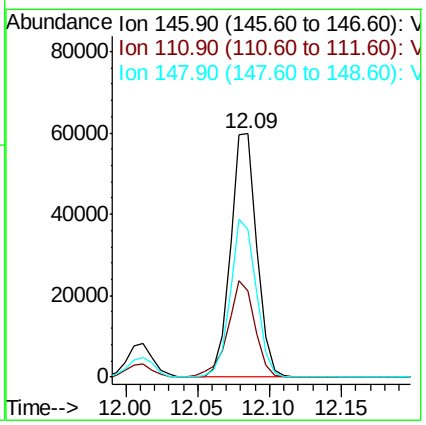


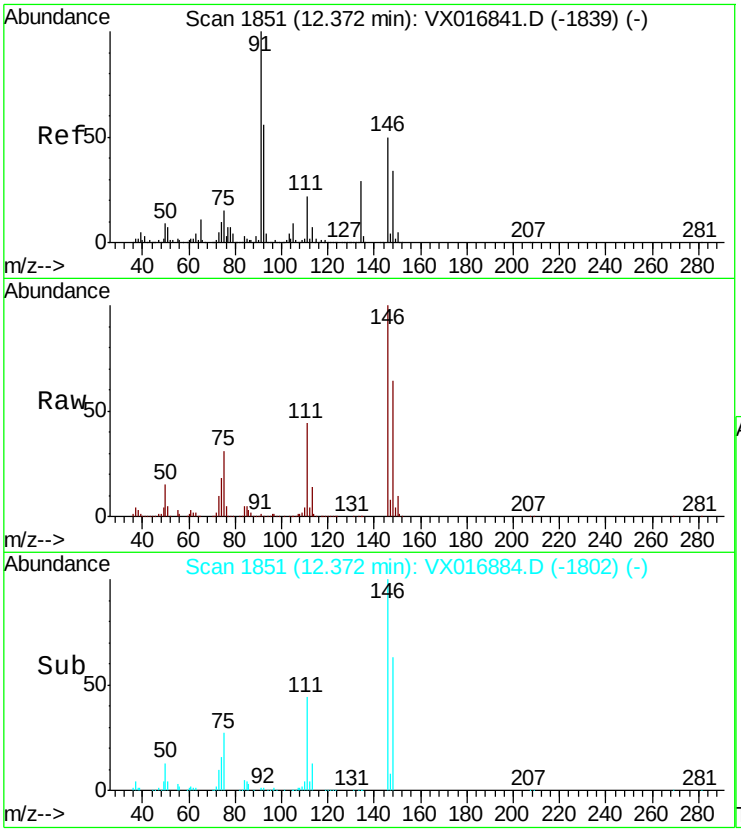


#88
1,4-Dichlorobenzene
Concen: 12.711 ug/l
RT: 12.09 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:146 Resp: 76490

Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.0	57.0
148	64.3	31.6	95.0



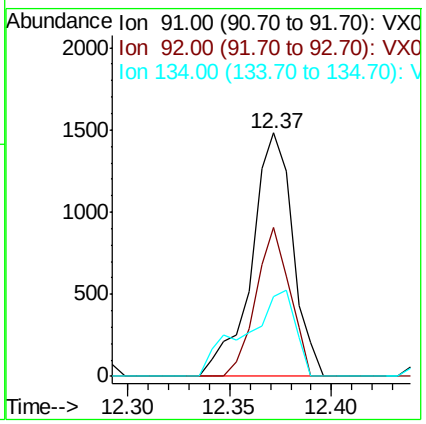


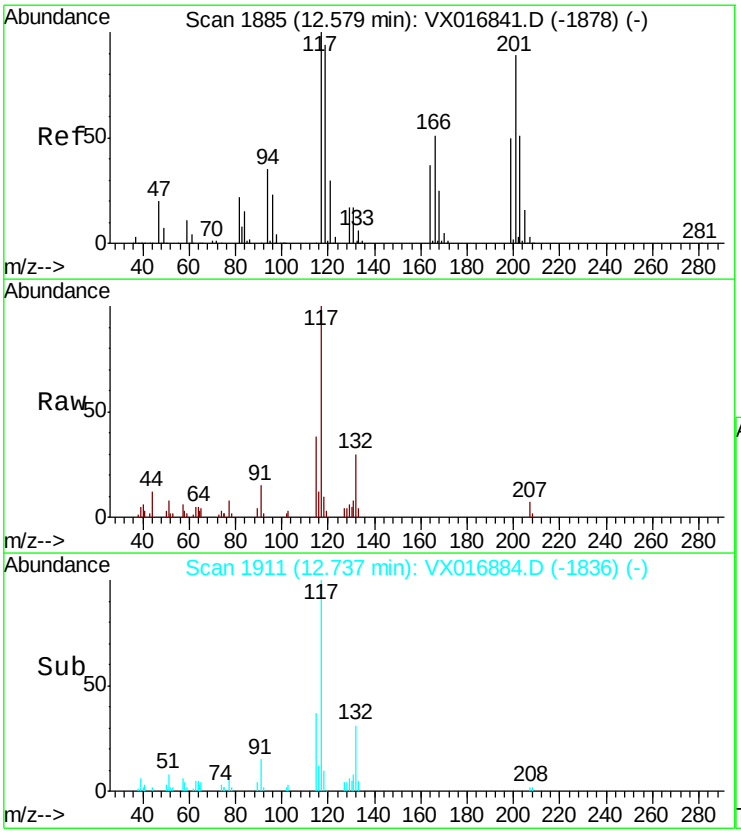
#89
n-Butylbenzene
Concen: 0.225 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion: 91 Resp: 2094

Ion	Ratio	Lower	Upper
91	100		
92	50.2	27.4	82.2
134	43.0	13.9	41.6#

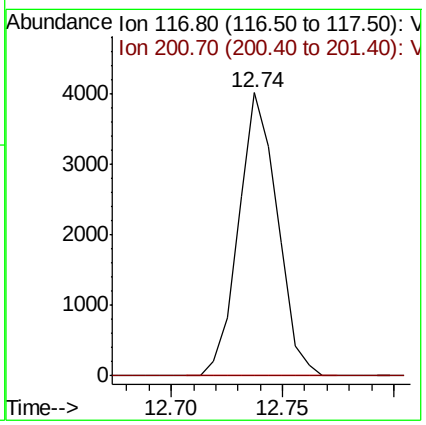


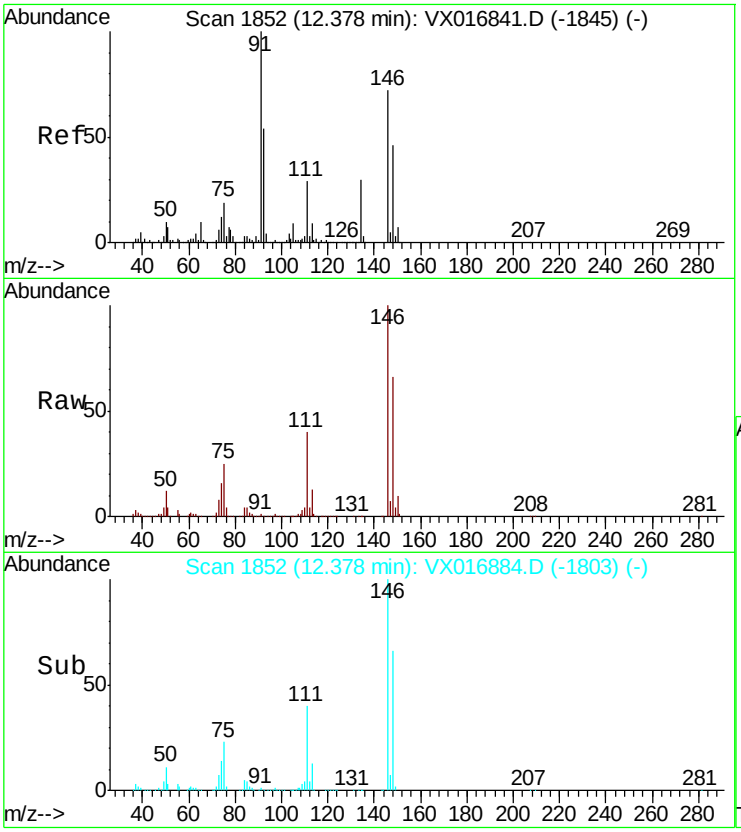


#90
Hexachloroethane
Concen: 2.499 ug/l
RT: 12.74 min Scan# 1911
Delta R.T. 0.16 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:117 Resp: 4884

Ion	Ratio	Lower	Upper
117	100		
201	0.0	44.9	134.5#



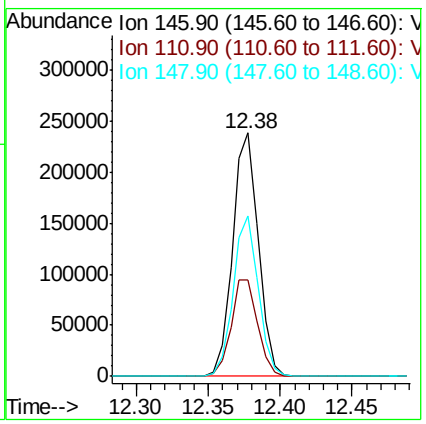


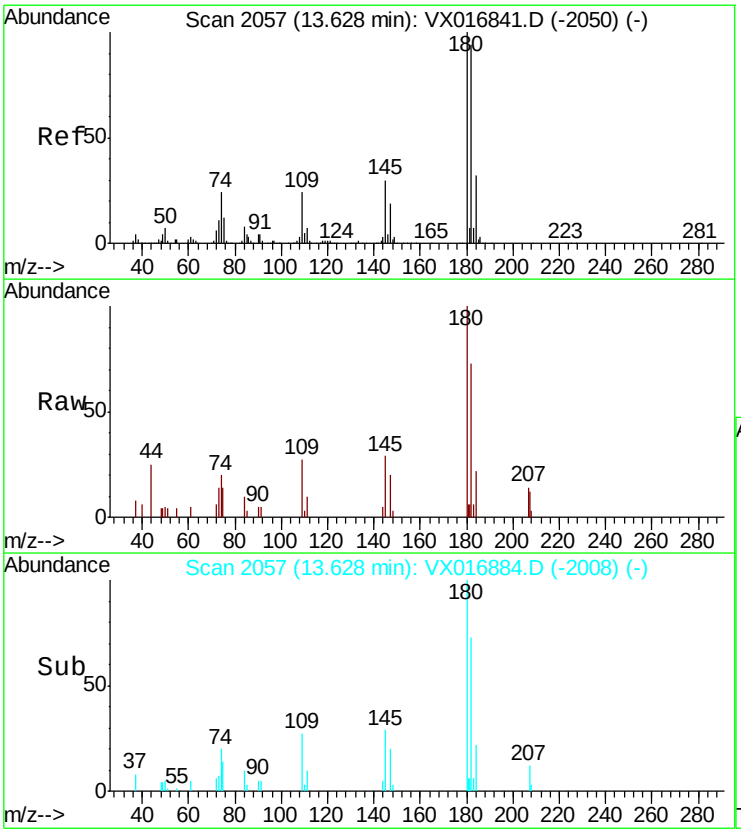
#91
1,2-Dichlorobenzene
Concen: 51.756 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:146 Resp: 297301

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.7
148	64.3	32.9	98.6

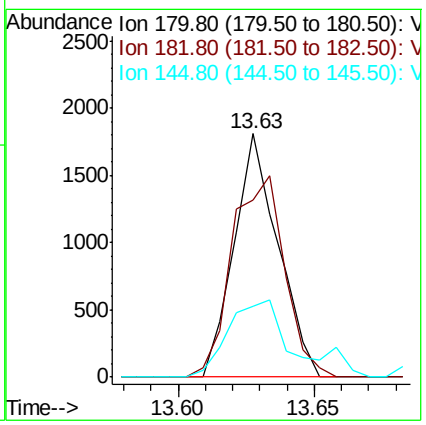


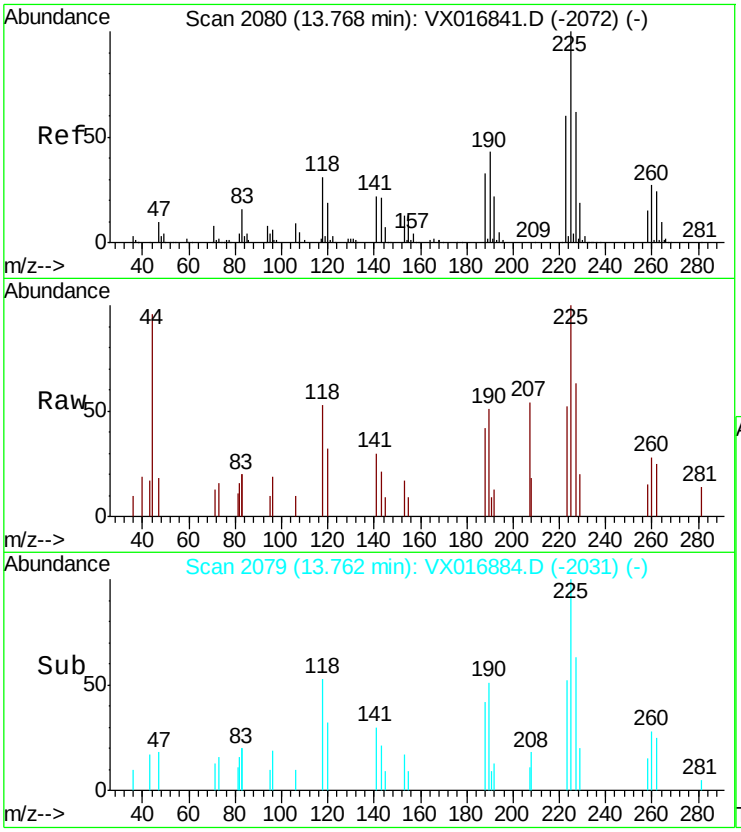


#93
1,2,4-Trichlorobenzene
Concen: 0.526 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:180 Resp: 2028

Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.7	143.1
145	46.6	15.0	45.1#



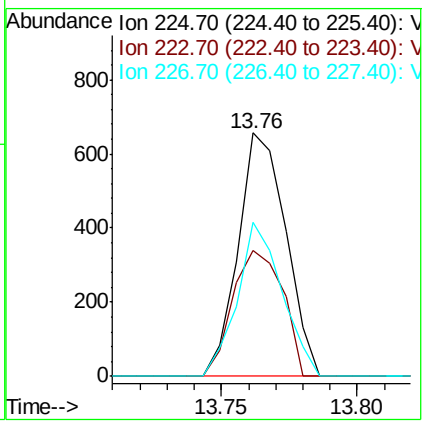


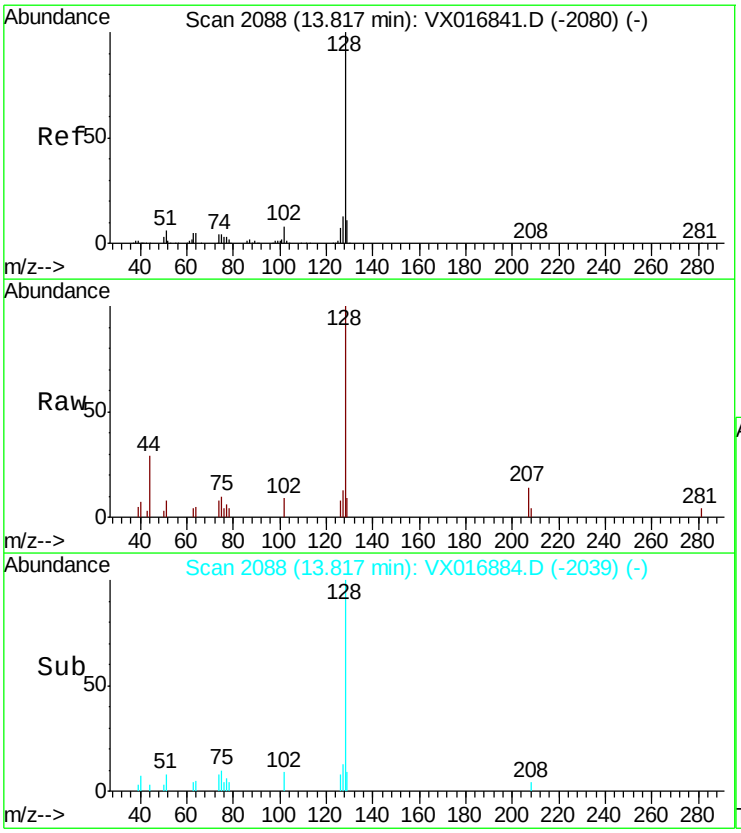
#94
Hexachlorobutadiene
Concen: 0.459 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:225 Resp: 799

Ion	Ratio	Lower	Upper
225	100		
223	54.3	32.1	96.5
227	59.1	32.3	96.8

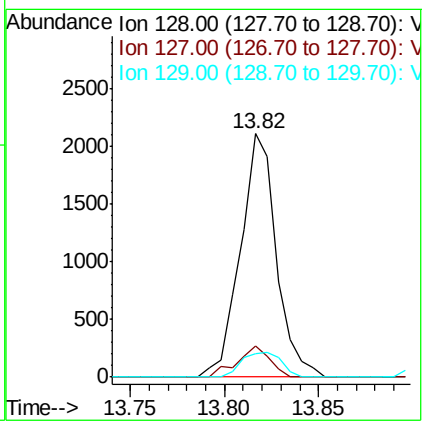


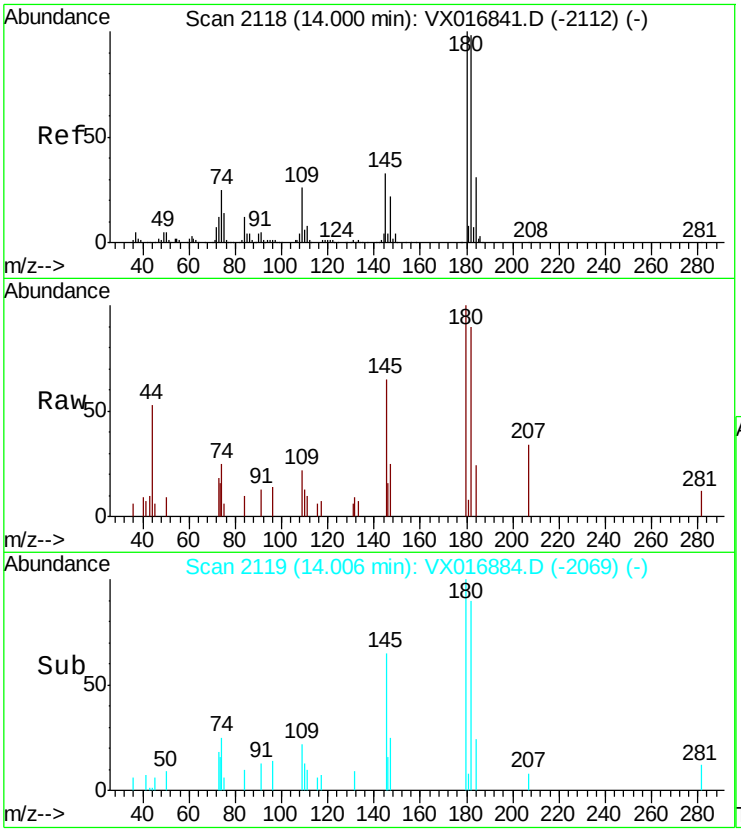


#95
Naphthalene
Concen: 0.245 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Tgt Ion:128 Resp: 2780

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.4	15.6
129	11.4	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.341 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016884.D
Acq: 19 Jun 2020 17:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tgt Ion:180 Resp: 1312

Ion	Ratio	Lower	Upper
180	100		
182	79.3	47.4	142.3
145	68.1	16.0	48.0#