Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016245.D
Acq On : 14 May 2020 20:33
Operator : JC/SP
Sample : L2644-06 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Quant Time: May 15 01:38:04 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	235815	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.84	114	394676	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	384295	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195485	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	144338	46.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.02%				
35) Dibromofluoromethane	5.47	113	115631	46.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.48%				
50) Toluene-d8	8.70	98	486083	50.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.90%				
62) 4-Bromofluorobenzene	11.12	95	196340	53.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	544	0.22	ug/l		91
5) Bromomethane	1.64	94	742	0.48	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	612	0.26	ug/l	#	85
10) Methyl Iodide	2.50	142	887	0.28	ug/l	#	89
11) Tert butyl alcohol	3.01	59	555	0.71	ug/l	#	72
12) 1,1-Dichloroethene	2.36	96	734	0.30	ug/l		86
13) Acrolein	2.28	56	1487	3.03	ug/l		93
15) Acrylonitrile	3.12	53	1212	0.74	ug/l		97
16) Acetone	2.42	43	4386	3.17	ug/l		89
17) Carbon Disulfide	2.55	76	6036	0.62	ug/l		98
20) Methylene Chloride	2.84	84	2136	0.75	ug/l		90
21) trans-1,2-Dichloroethene	3.15	96	1136	0.42	ug/l	#	61
25) 2-Butanone	4.65	43	3410	1.53	ug/l		100
27) cis-1,2-Dichloroethene	4.56	96	998	0.33	ug/l		29
29) Tetrahydrofuran	5.10	42	417	0.28	ug/l	#	58
36) 1,1-Dichloropropene	5.76	75	1281	0.33	ug/l	#	83
38) Carbon Tetrachloride	5.63	117	22401	5.67	ug/l	#	14
39) Methylcyclohexane	7.45	83	952	0.20	ug/l		87
44) Trichloroethene	7.19	130	963	0.24	ug/l		70
49) 1,4-Dioxane	7.73	88	44	0.54	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.62	43	1600	0.36	ug/l		96
59) 2-Hexanone	9.47	43	1185	0.34	ug/l		94
64) Tetrachloroethene	9.32	164	1005	0.21	ug/l	#	77
68) m/p-Xylenes	10.34	106	1622	0.30	ug/l		83
74) N-amyl acetate	11.03	43	33214	5.01	ug/l	#	28
75) 1,1,2,2-Tetrachloroethane	11.26	83	229	2.14	ug/l	#	32
76) 1,2,3-Trichloropropane	11.12	75	95802	21.60	ug/l	#	36
78) n-propylbenzene	11.35	91	3890	0.24	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.03	75	40381	21.69	ug/l	#	25
82) 4-Chlorotoluene	11.49	91	3106	0.27	ug/l		99
84) 1,2,4-Trimethylbenzene	11.79	105	2693	0.22	ug/l		85
85) sec-Butylbenzene	11.93	105	3223	0.23	ug/l		98
86) p-Isopropyltoluene	12.05	119	7836	0.60	ug/l		92
87) 1,3-Dichlorobenzene	12.01	146	2015	0.31	ug/l		89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016245.D
Acq On : 14 May 2020 20:33
Operator : JC/SP
Sample : L2644-06 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Quant Time: May 15 01:38:04 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)
88) 1,4-Dichlorobenzene	12.01	146	2015	0.30	ug/l	87
89) n-Butylbenzene	12.37	91	5634	0.48	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1445	0.23	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	245	0.21	ug/l	83
93) 1,2,4-Trichlorobenzene	13.63	180	3130	0.67	ug/l	95
94) Hexachlorobutadiene	13.77	225	2568	1.78	ug/l	94
95) Naphthalene	13.82	128	6826	0.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	2967	0.65	ug/l	97

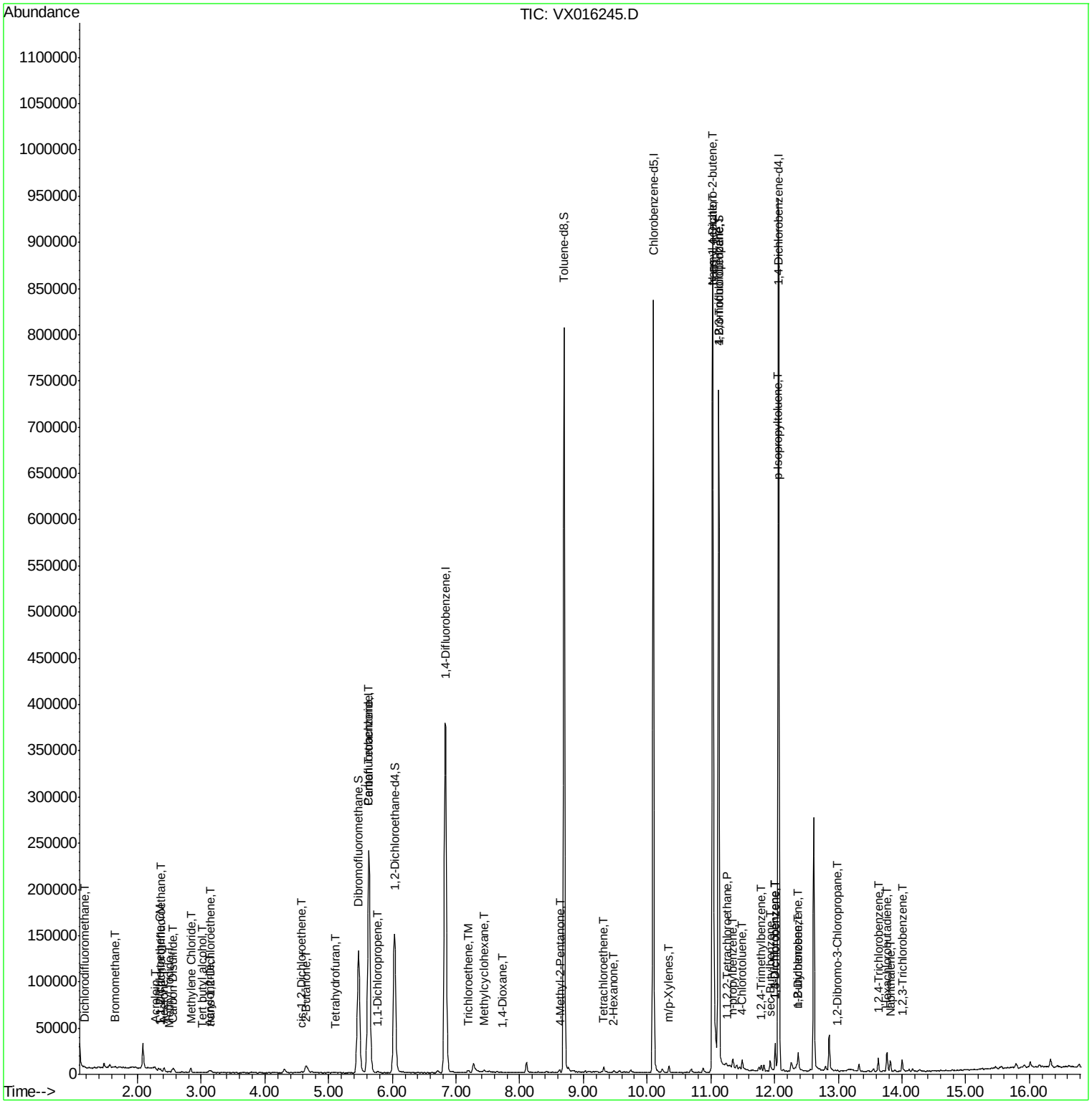
(#) = qualifier out of range (m) = manual integration (+) = signals summed

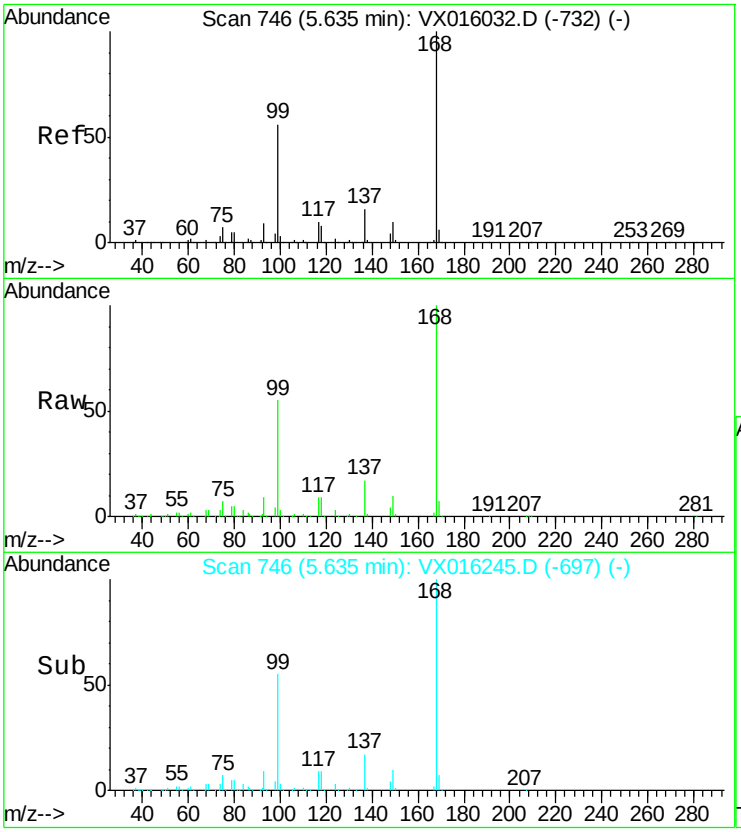
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
Data File : VX016245.D
Acq On : 14 May 2020 20:33
Operator : JC/SP
Sample : L2644-06 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Quant Time: May 15 01:38:04 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



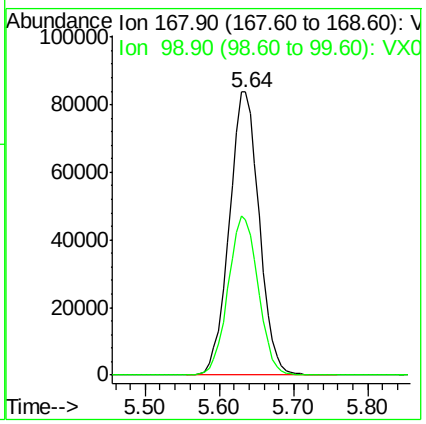


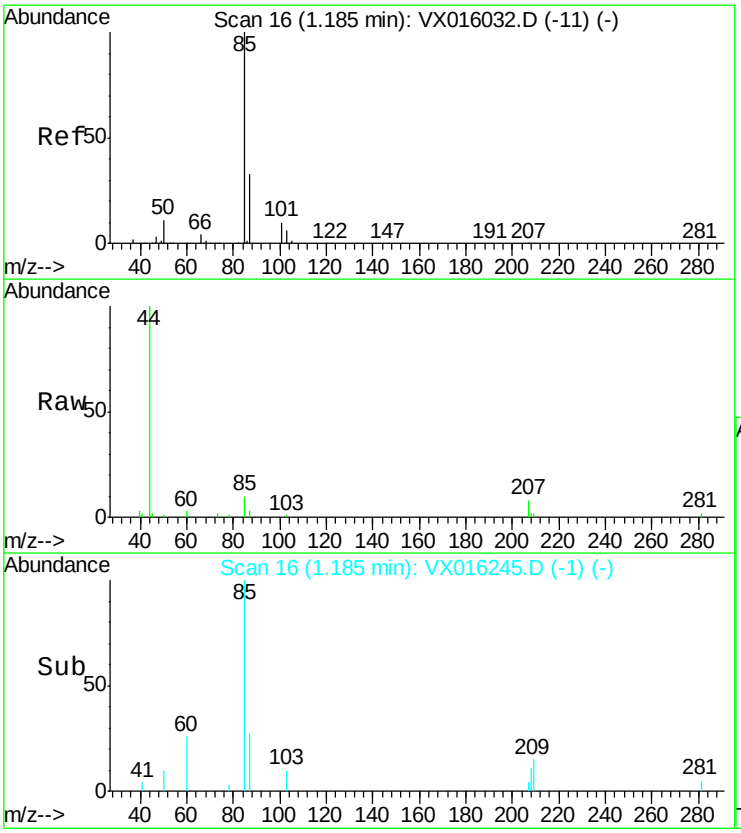
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion:168 Resp: 235815

Ion	Ratio	Lower	Upper
168	100		
99	55.1	45.0	67.4

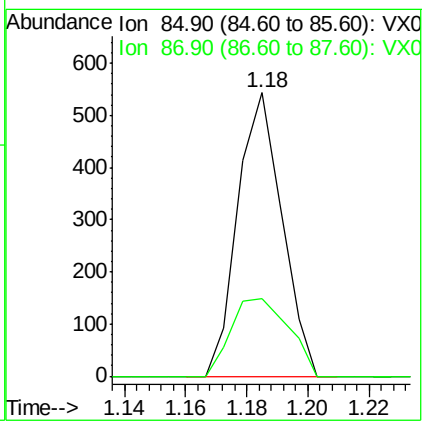


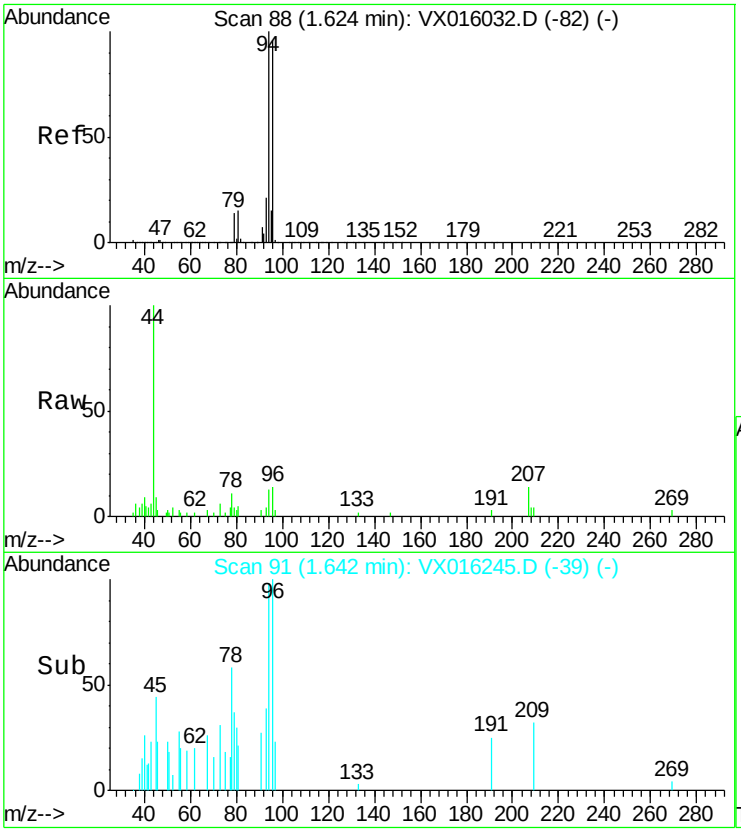


#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 85 Resp: 544

Ion	Ratio	Lower	Upper
85	100		
87	27.4	16.4	49.1



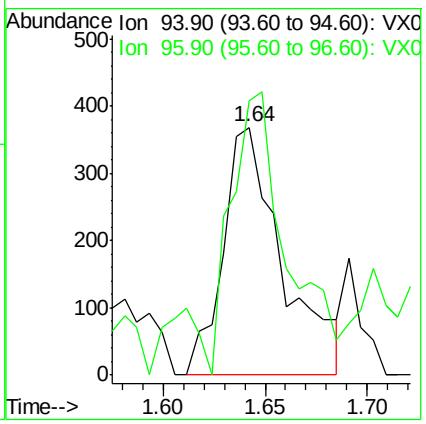


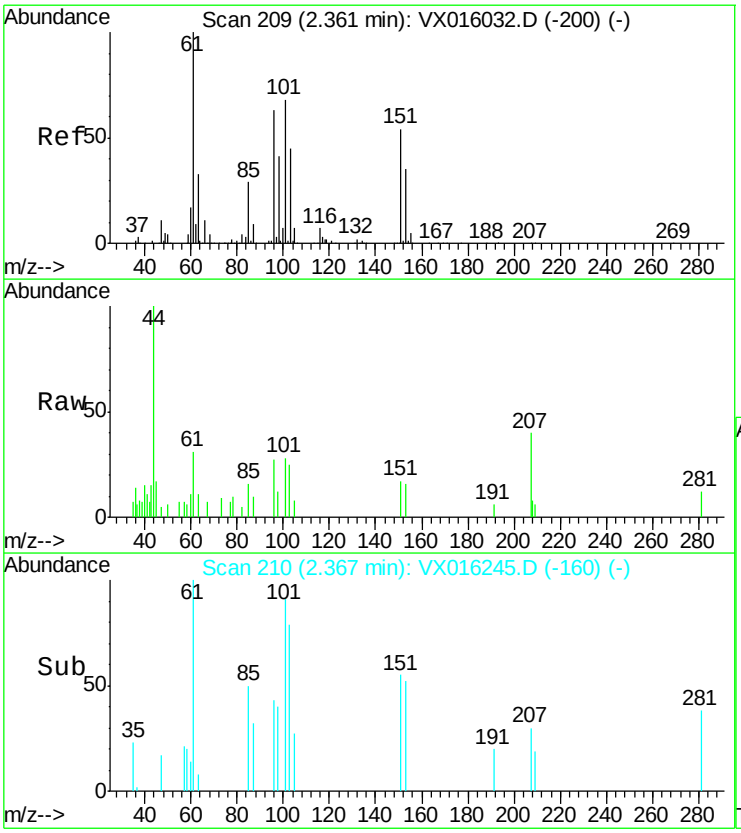
#5
Bromomethane
Concen: 0.48 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 94 Resp: 742

Ion	Ratio	Lower	Upper
94	100		
96	96.7	76.9	115.3

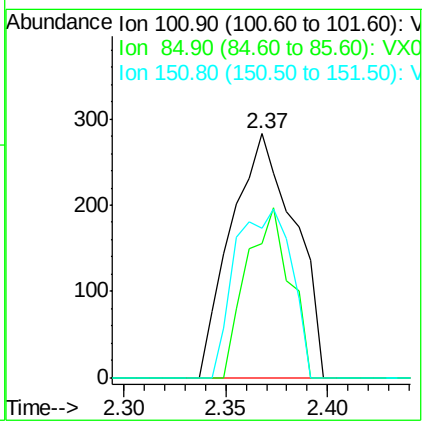


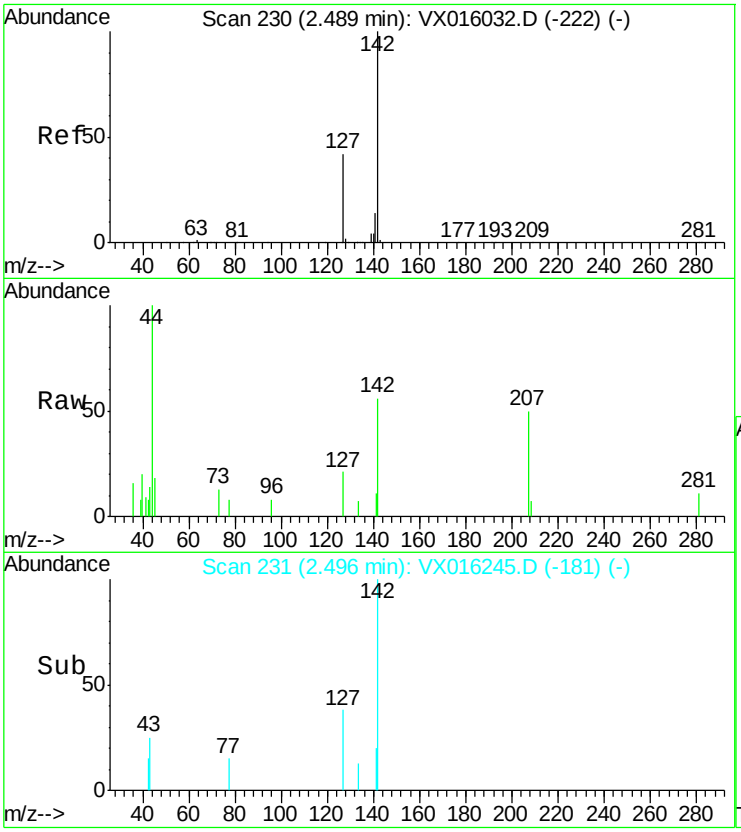


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.26 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion:101 Resp: 612

Ion	Ratio	Lower	Upper
101	100		
85	47.7	34.2	51.4
151	61.1	62.1	93.1#



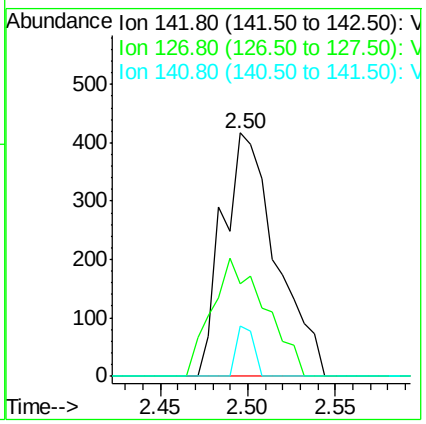


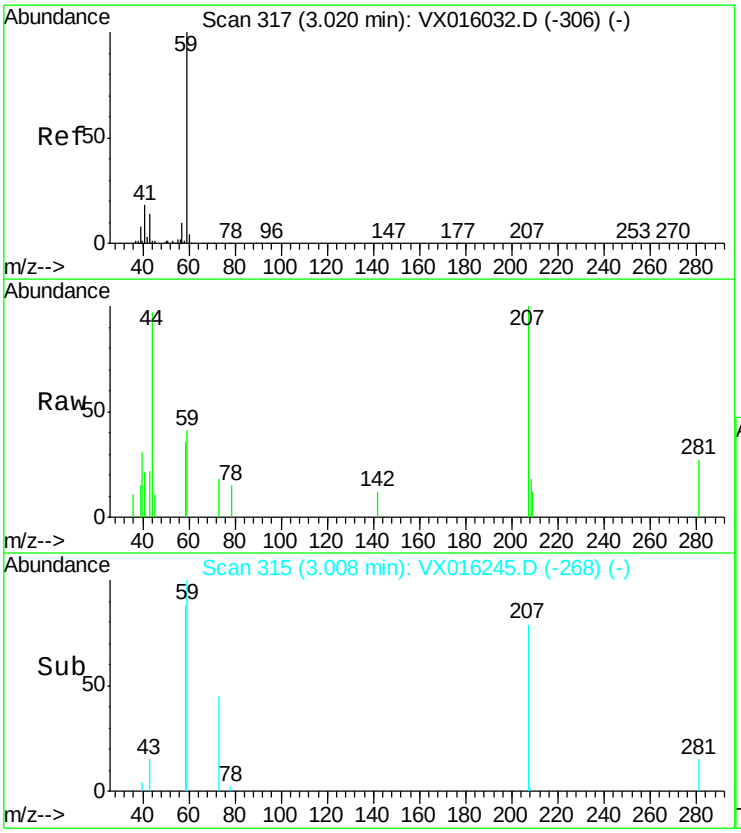
#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion:142 Resp: 887

Ion	Ratio	Lower	Upper
142	100		
127	48.6	34.6	52.0
141	6.7	11.3	16.9#

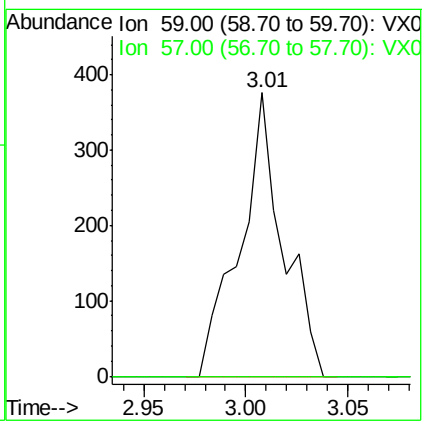


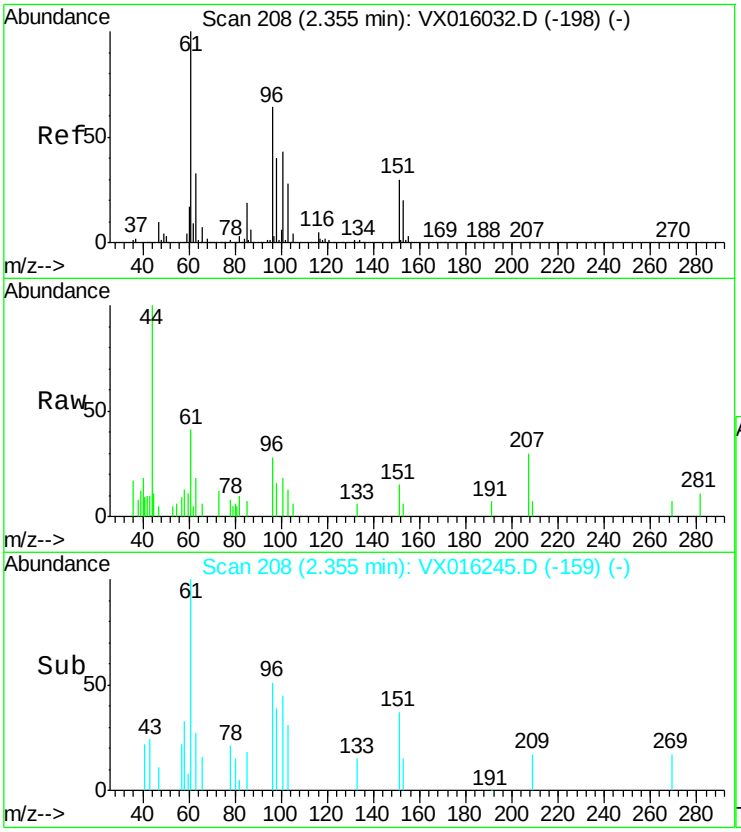


#11
Tert butyl alcohol
Concen: 0.71 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 59 Resp: 555

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



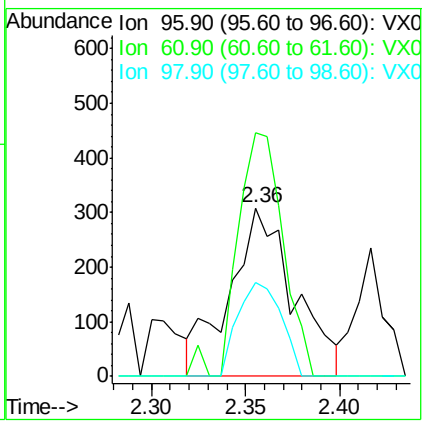


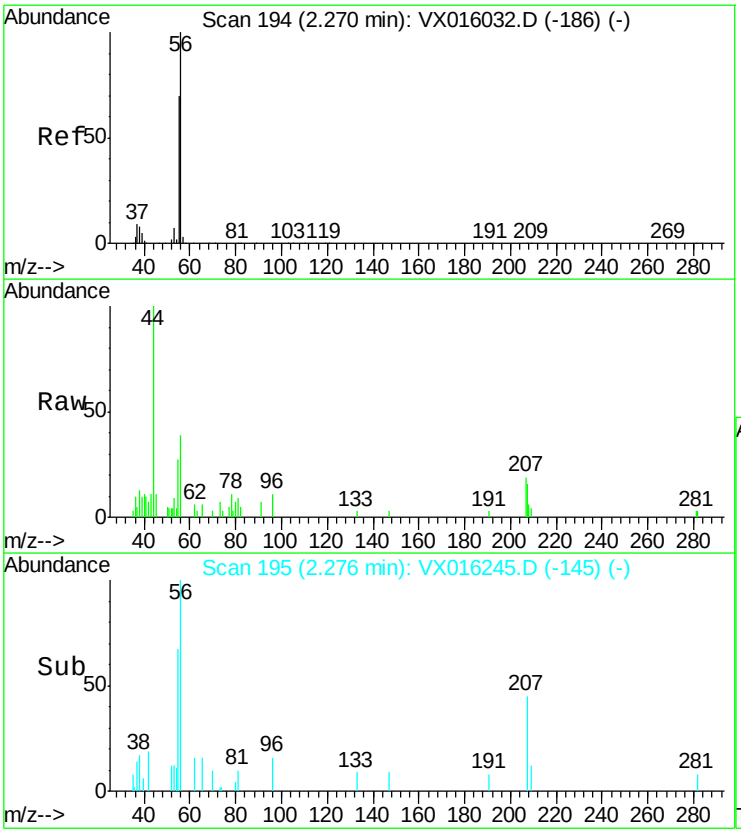
#12
1,1-Dichloroethene
Concen: 0.30 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion: 96 Resp: 734

Ion	Ratio	Lower	Upper
96	100		
61	177.7	124.8	187.2
98	68.5	49.7	74.5

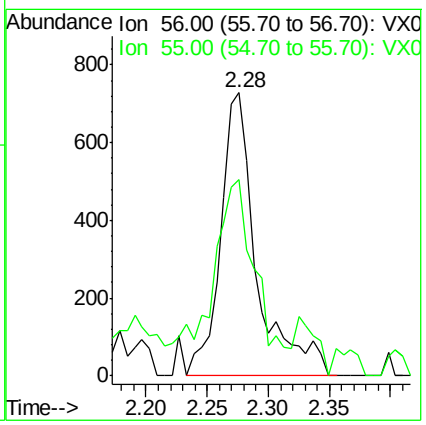


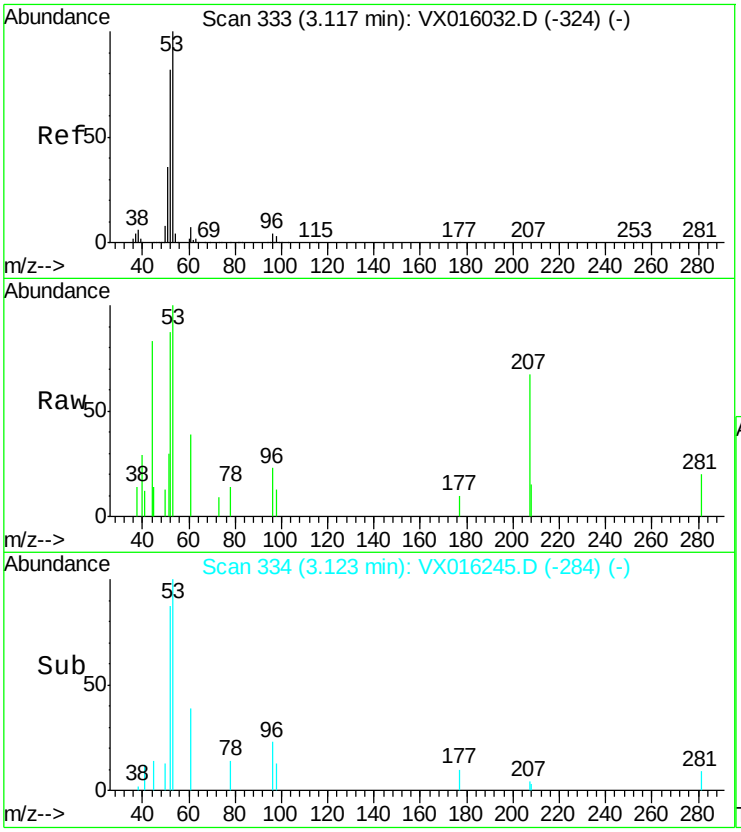


#13
Acrolein
Concen: 3.03 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 56 Resp: 1487

Ion	Ratio	Lower	Upper
56	100		
55	76.5	56.5	84.7



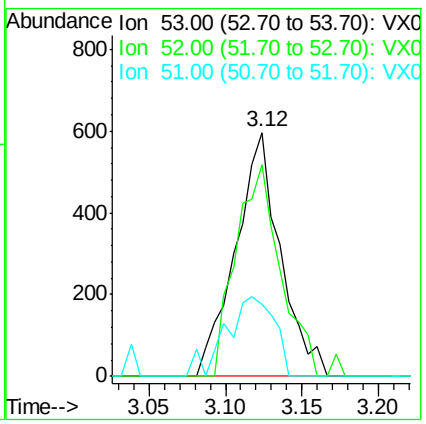


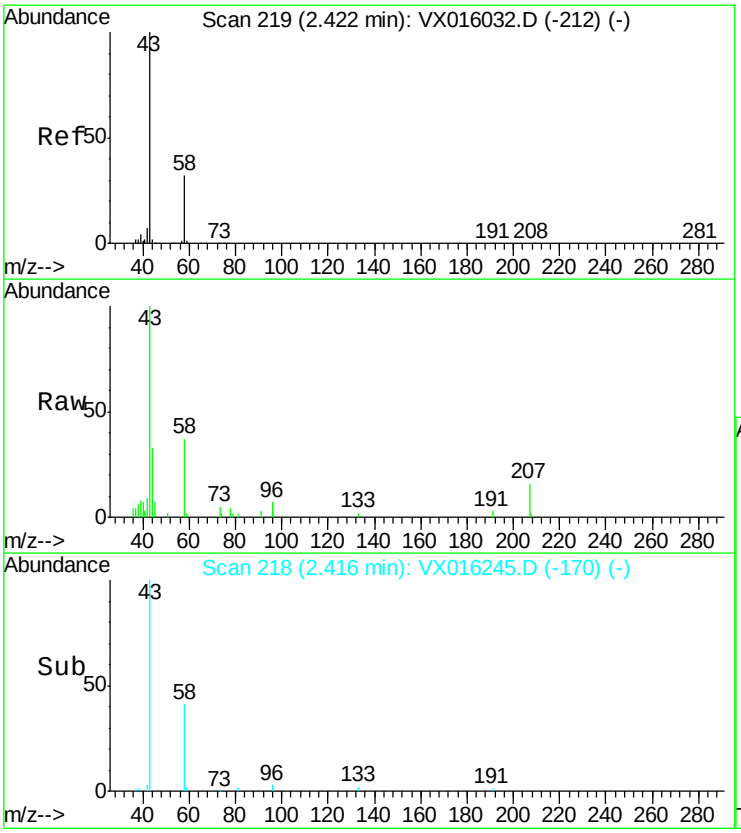
#15
Acrylonitrile
Concen: 0.74 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 53 Resp: 1212

Ion	Ratio	Lower	Upper
53	100		
52	86.3	66.1	99.1
51	35.2	28.8	43.2

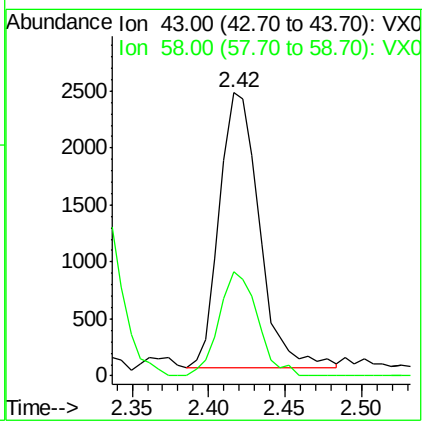


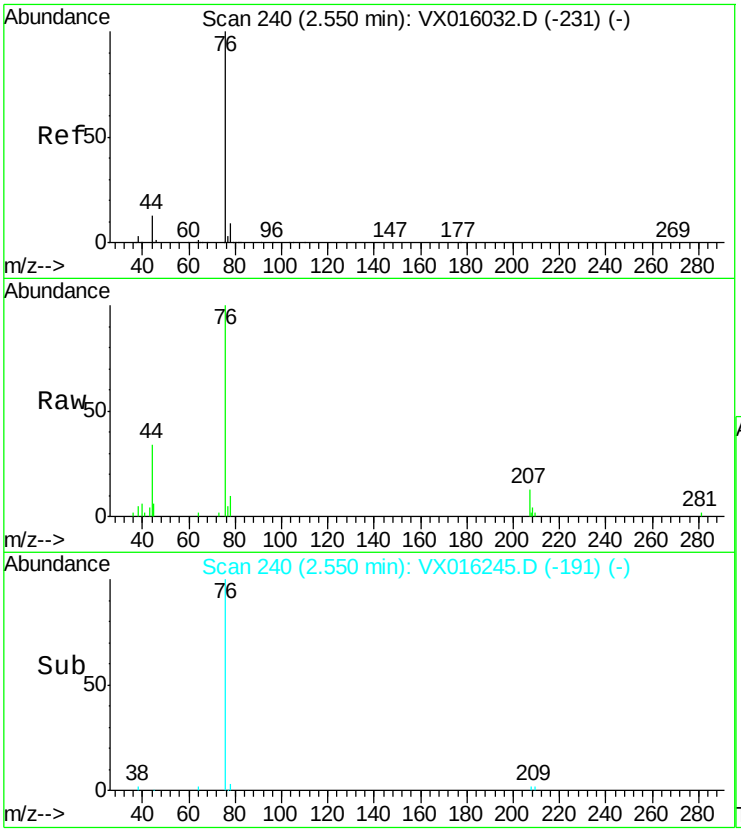


#16
Acetone
Concen: 3.17 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 43 Resp: 4386

Ion	Ratio	Lower	Upper
43	100		
58	38.0	25.4	38.0



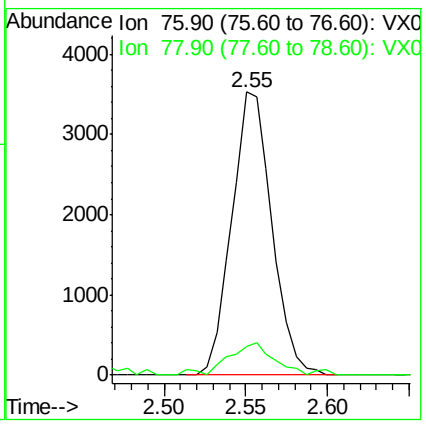


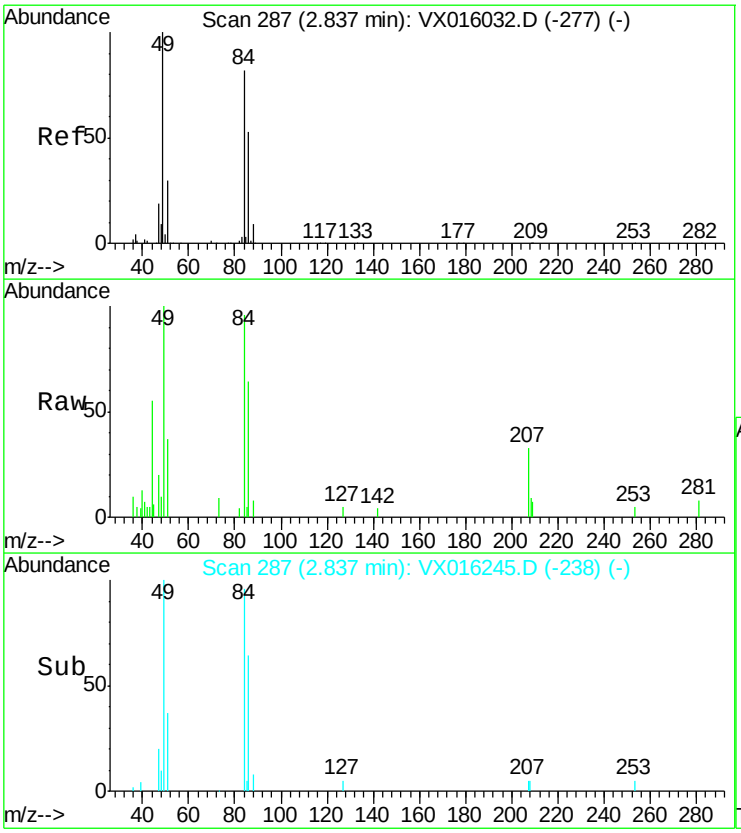
#17
Carbon Disulfide
Concen: 0.62 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 76 Resp: 6036

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.5	11.3

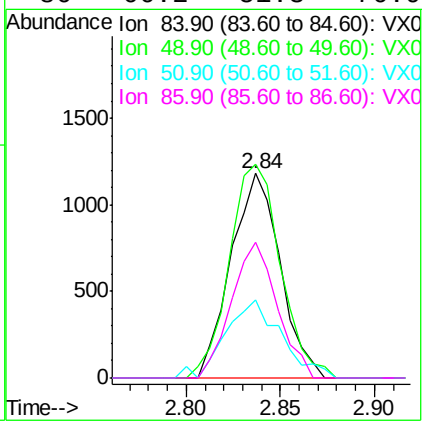


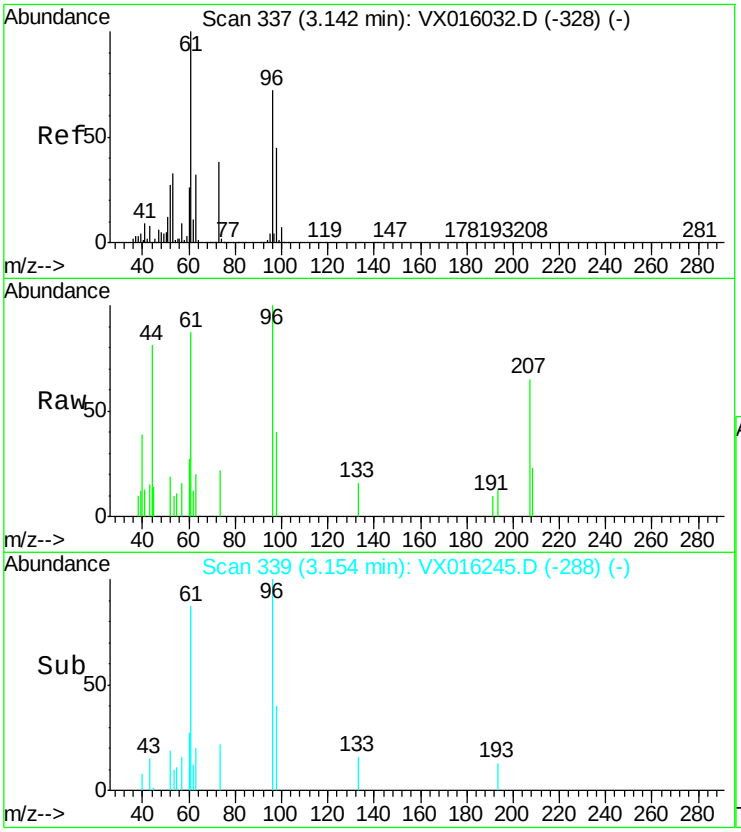


#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 84 Resp: 2136

Ion	Ratio	Lower	Upper
84	100		
49	104.3	97.3	145.9
51	38.3	29.3	43.9
86	66.2	51.3	76.9



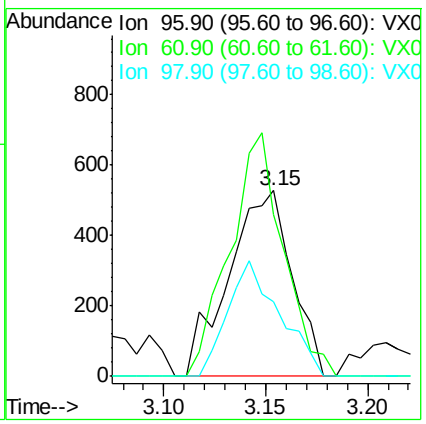


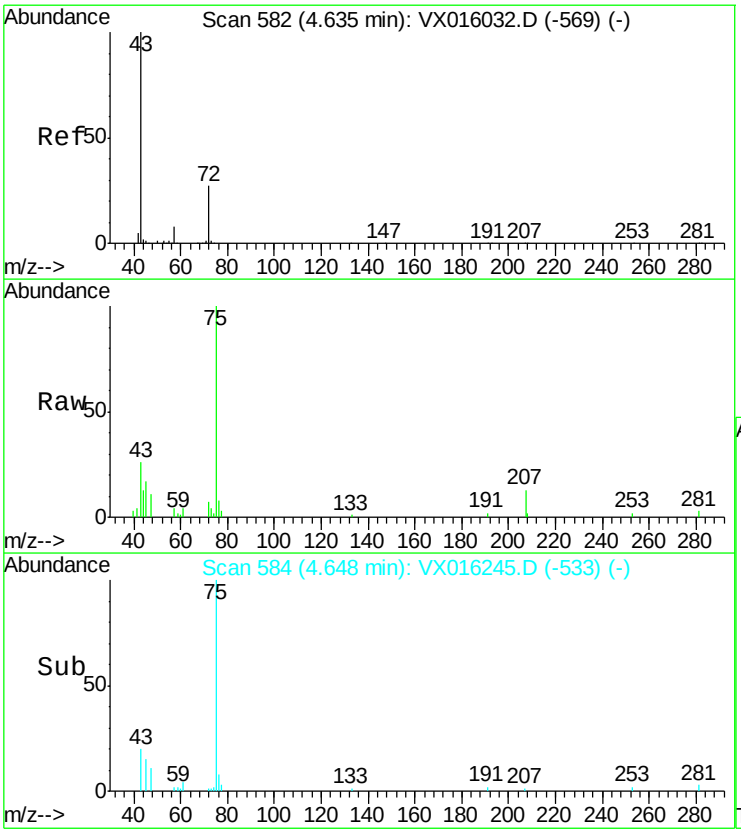
#21
trans-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 3.15 min Scan# 339
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 96 Resp: 1136

Ion	Ratio	Lower	Upper
96	100		
61	87.1	111.2	166.8#
98	40.0	50.2	75.4#

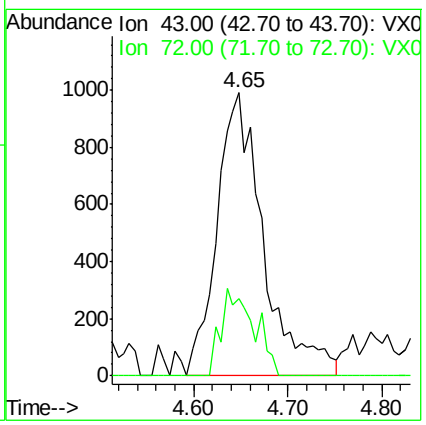


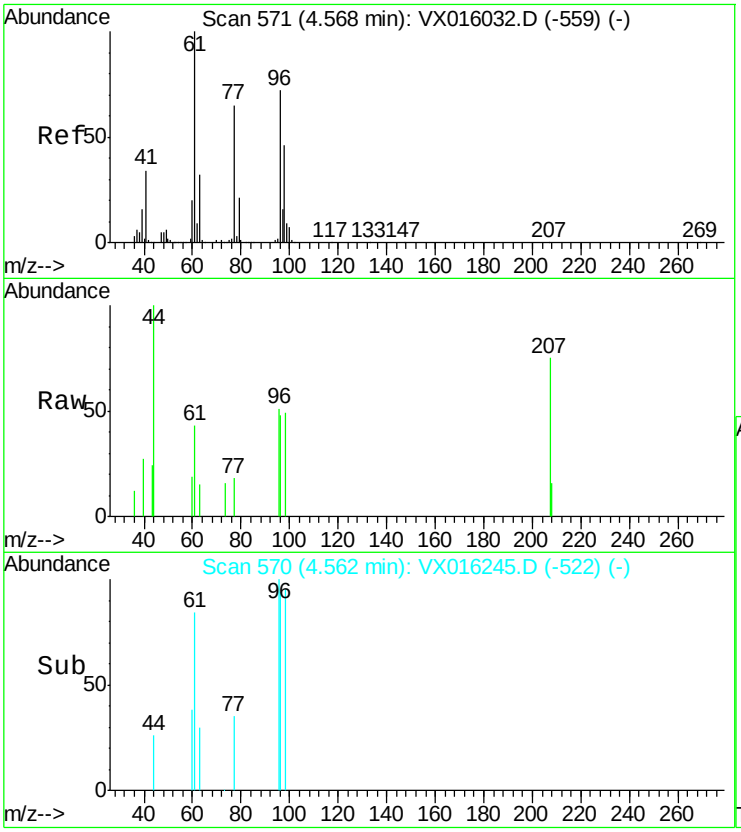


#25
2-Butanone
Concen: 1.53 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 43 Resp: 3410

Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.8	32.8



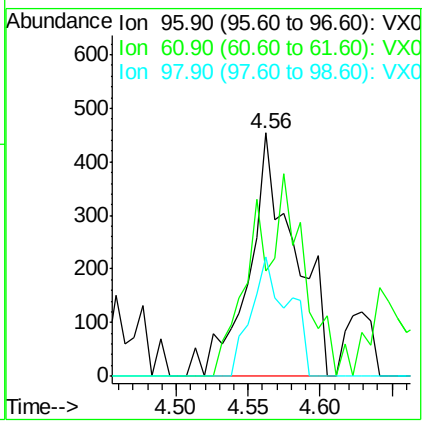


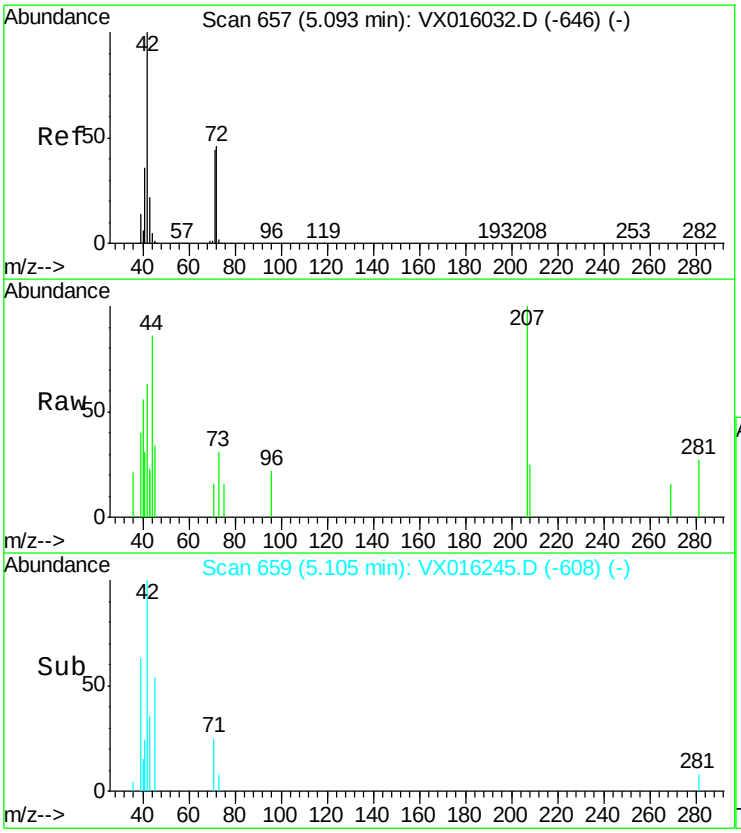
#27
cis-1,2-Dichloroethene
Concen: 0.33 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 96 Resp: 998

Ion	Ratio	Lower	Upper
96	100		
61	37.1	0.0	296.2
98	40.6	0.0	129.4

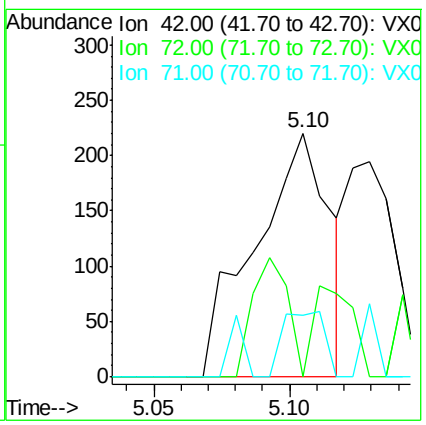


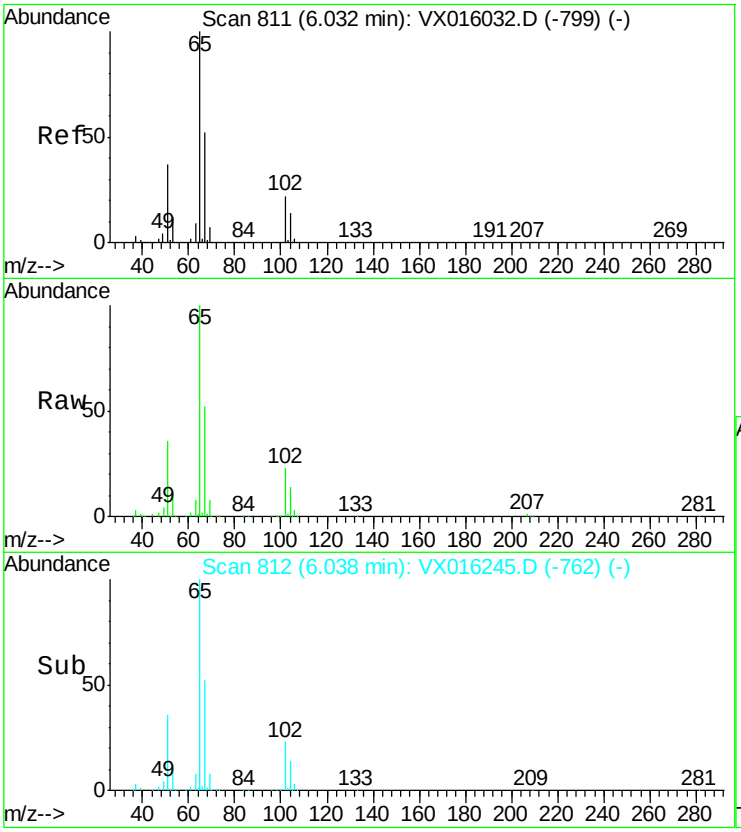


#29
Tetrahydrofuran
Concen: 0.28 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 42 Resp: 417

Ion	Ratio	Lower	Upper
42	100		
72	19.2	37.1	55.7#
71	15.1	34.5	51.7#



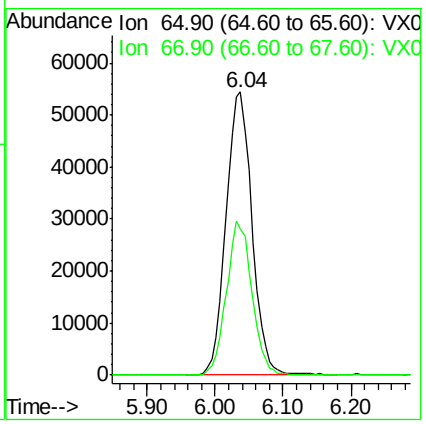


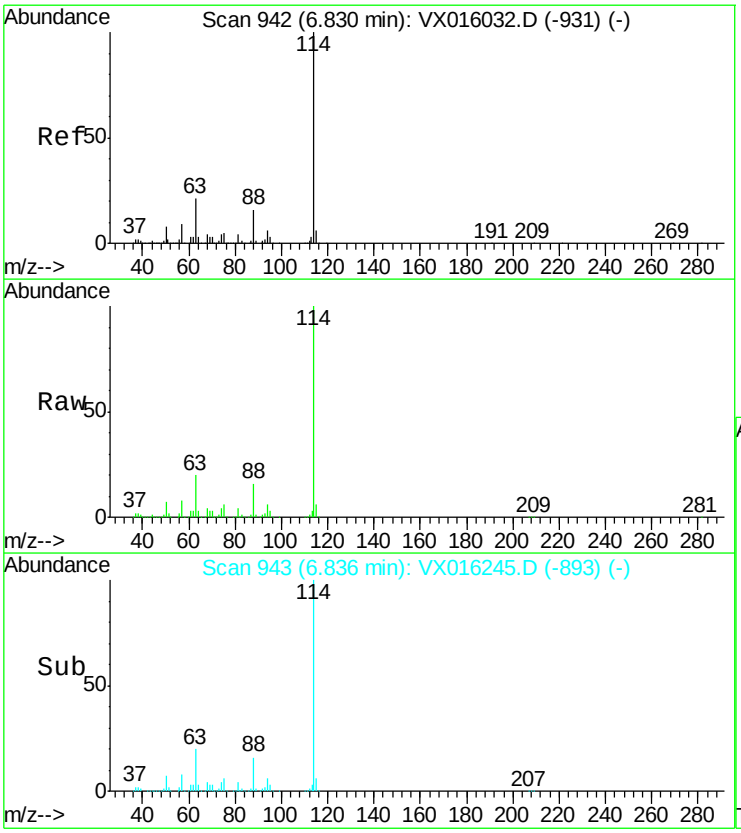
#33
1,2-Dichloroethane-d4
Concen: 46.51 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 65 Resp: 144338

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8

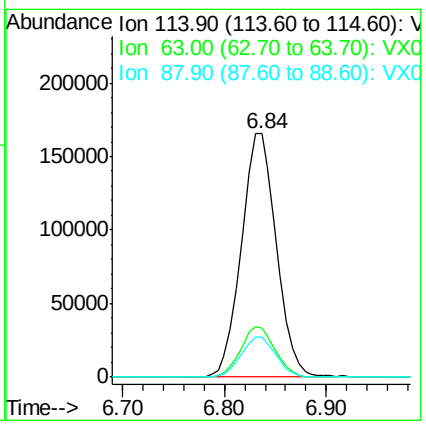


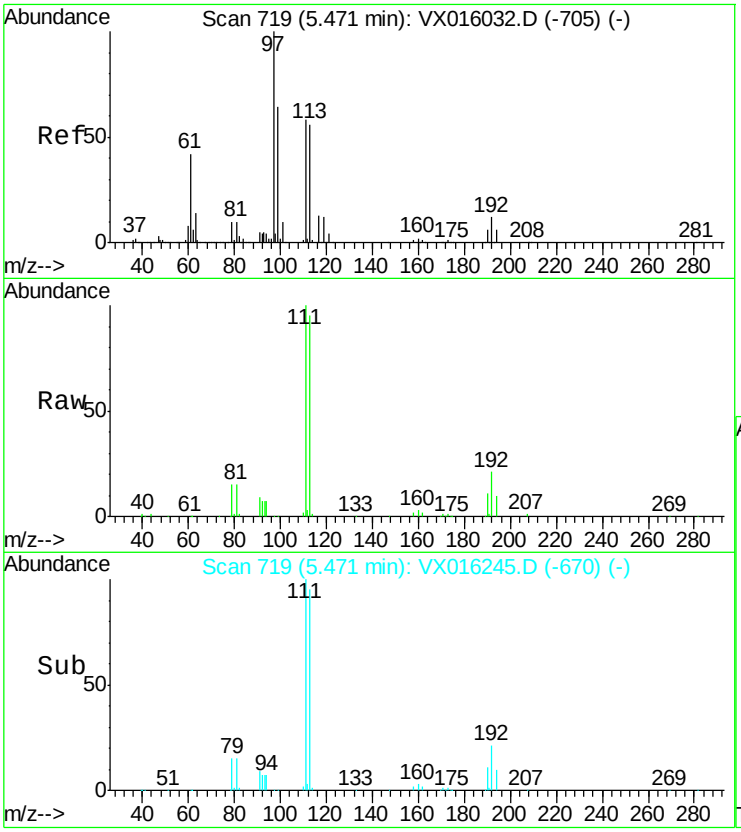


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion:114 Resp: 394676

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.8
88	16.2	0.0	31.4



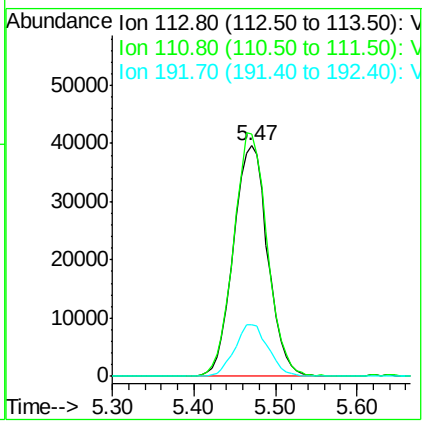


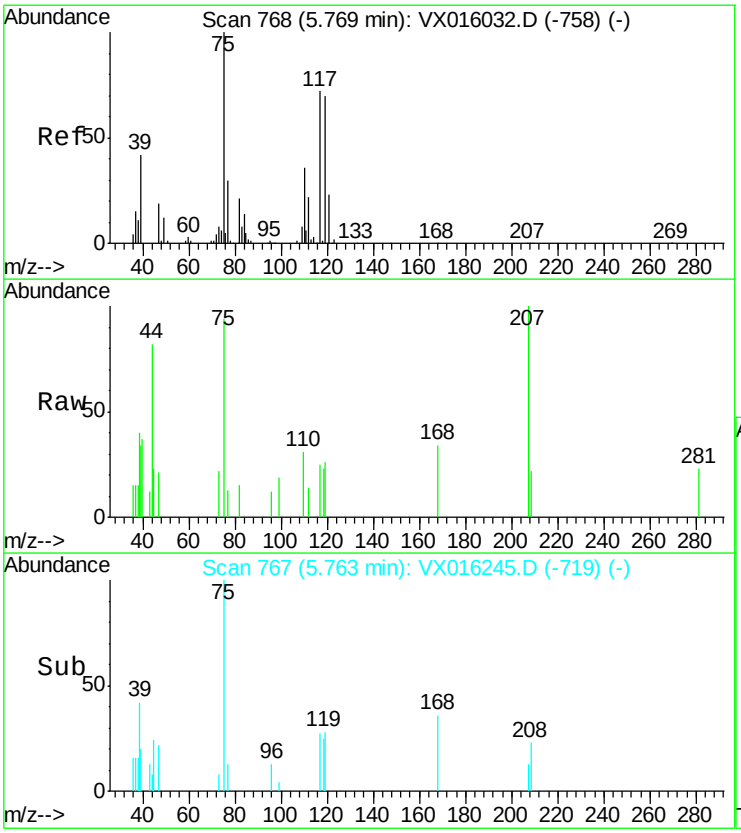
#35
Dibromofluoromethane
Concen: 46.24 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion:113 Resp: 115631

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.6	122.4
192	21.8	17.0	25.4

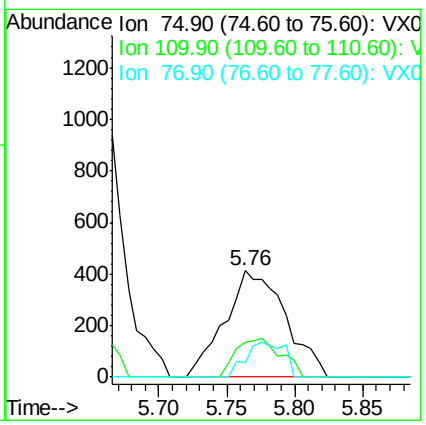


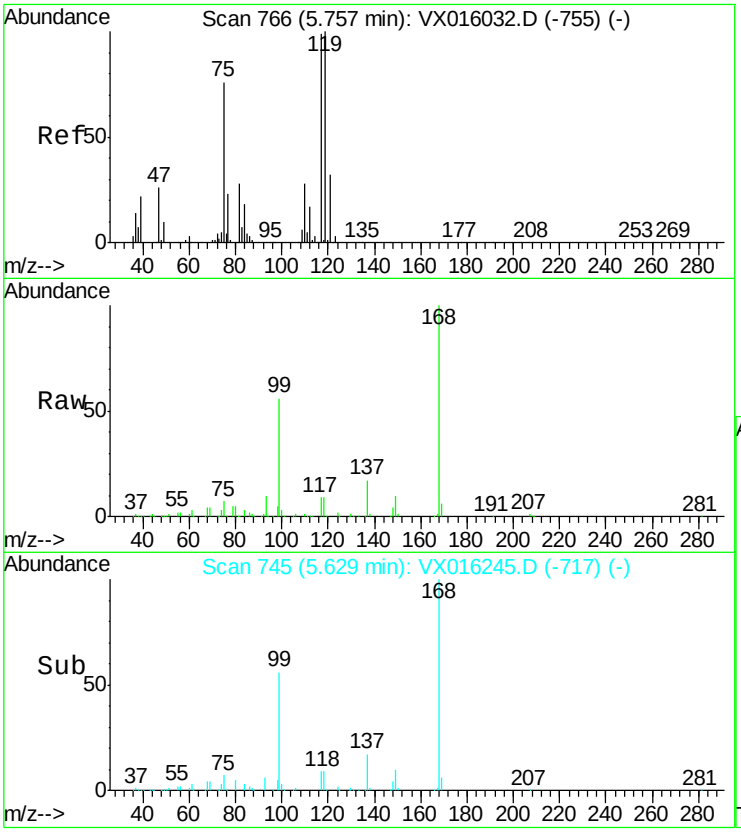


#36
1,1-Dichloropropene
Concen: 0.33 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 75 Resp: 1281

Ion	Ratio	Lower	Upper
75	100		
110	27.1	18.1	54.1
77	20.8	25.0	37.6#



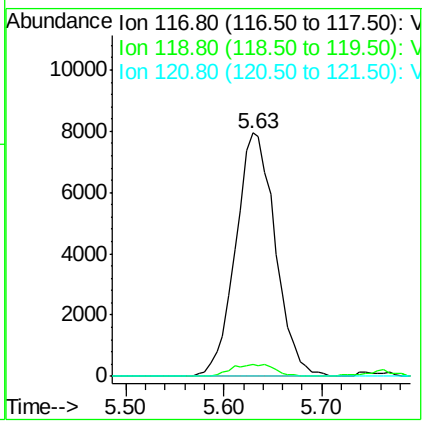


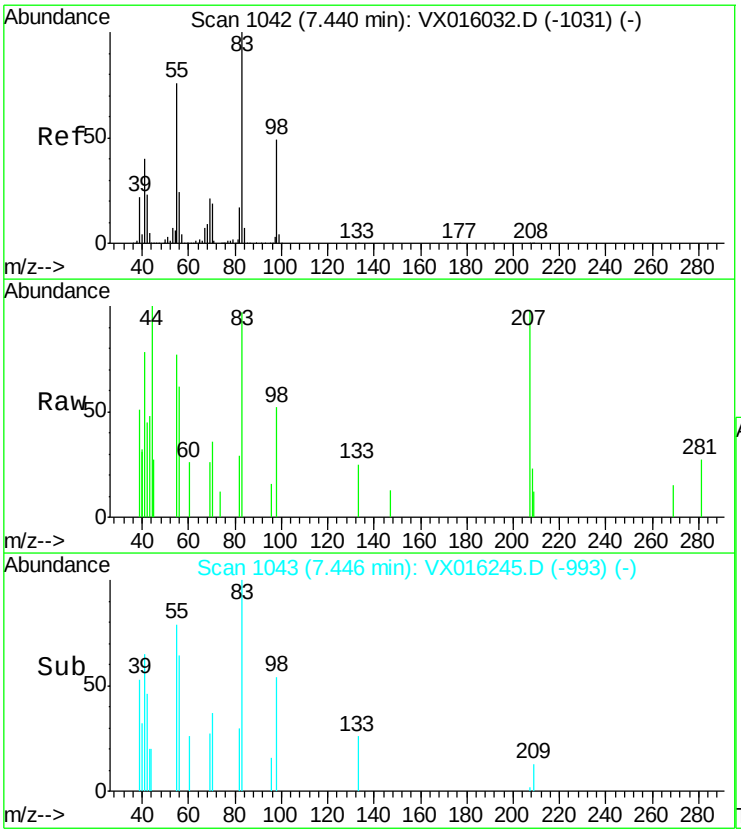
#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion:117 Resp: 22401

Ion	Ratio	Lower	Upper
117	100		
119	5.0	80.3	120.5#
121	0.0	25.7	38.5#

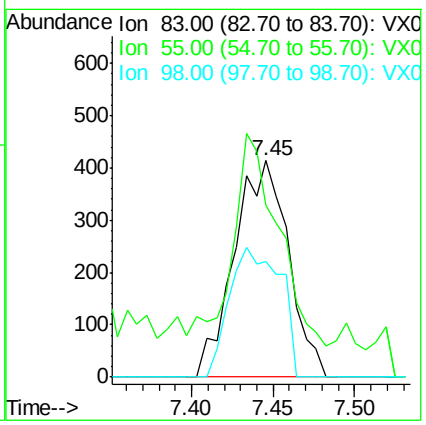


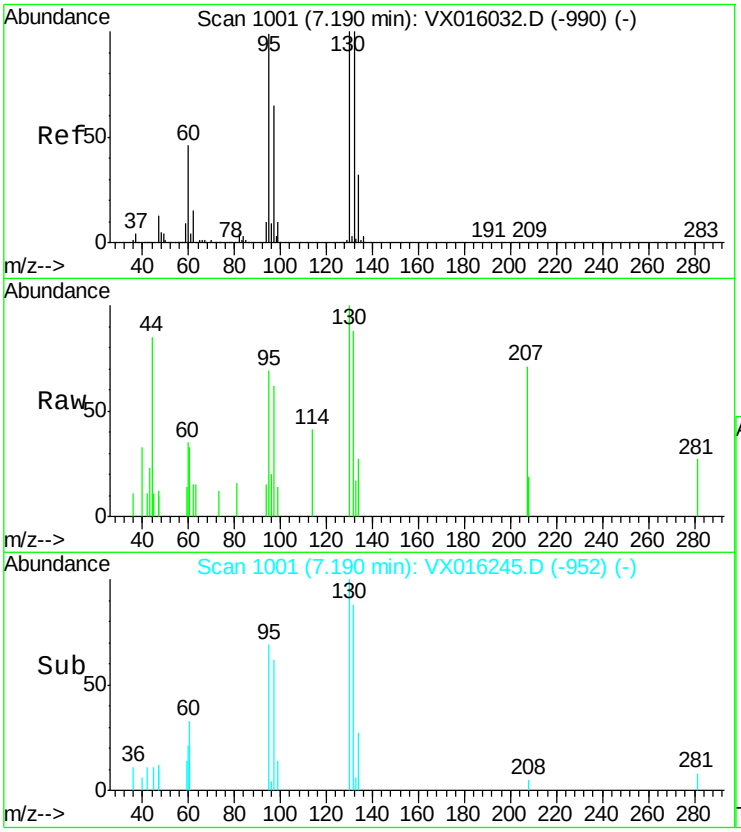


#39
Methylcyclohexane
Concen: 0.20 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 83 Resp: 952

Ion	Ratio	Lower	Upper
83	100		
55	62.3	61.1	91.7
98	53.6	39.0	58.4



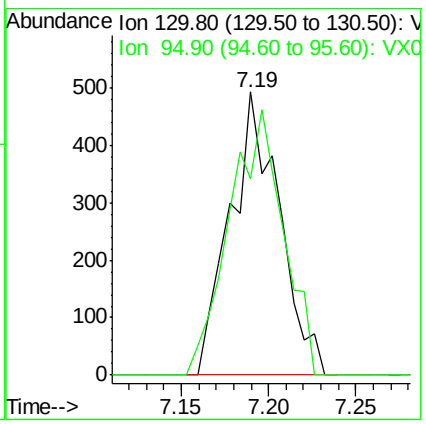


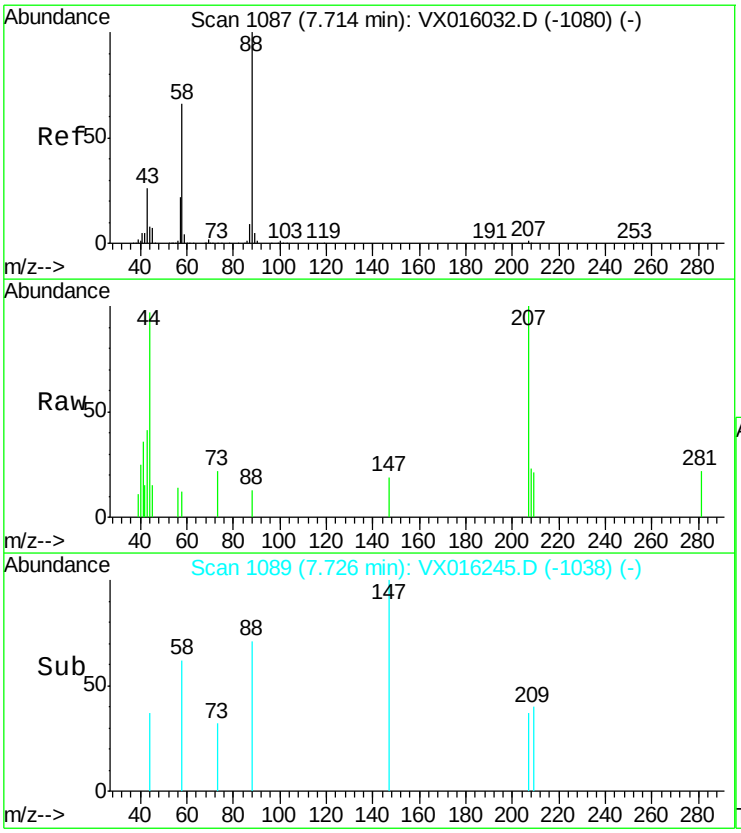
#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion:130 Resp: 963

Ion	Ratio	Lower	Upper
130	100		
95	69.4	0.0	197.4

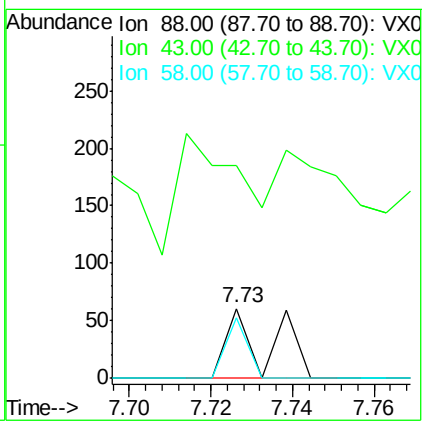


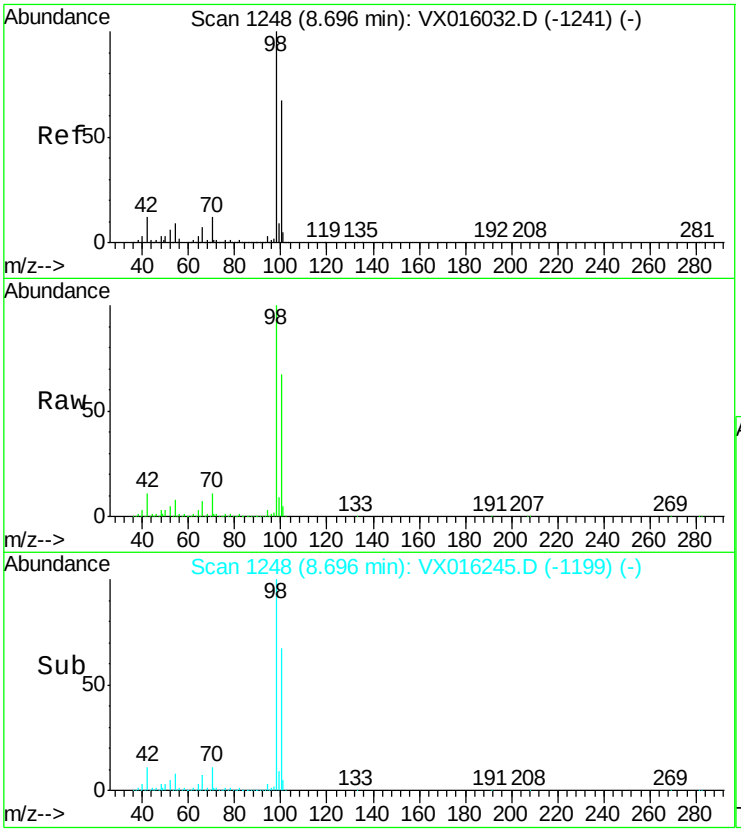


#49
1,4-Dioxane
Concen: 0.54 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	270.5	25.3	37.9#
58	43.2	55.9	83.9#



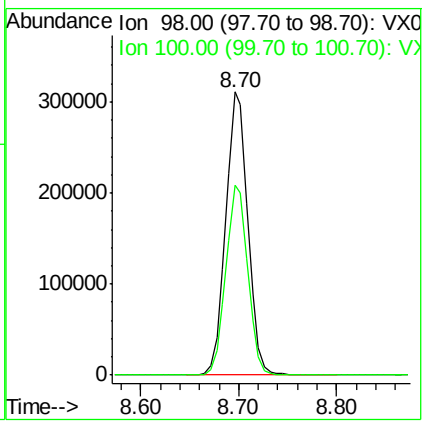


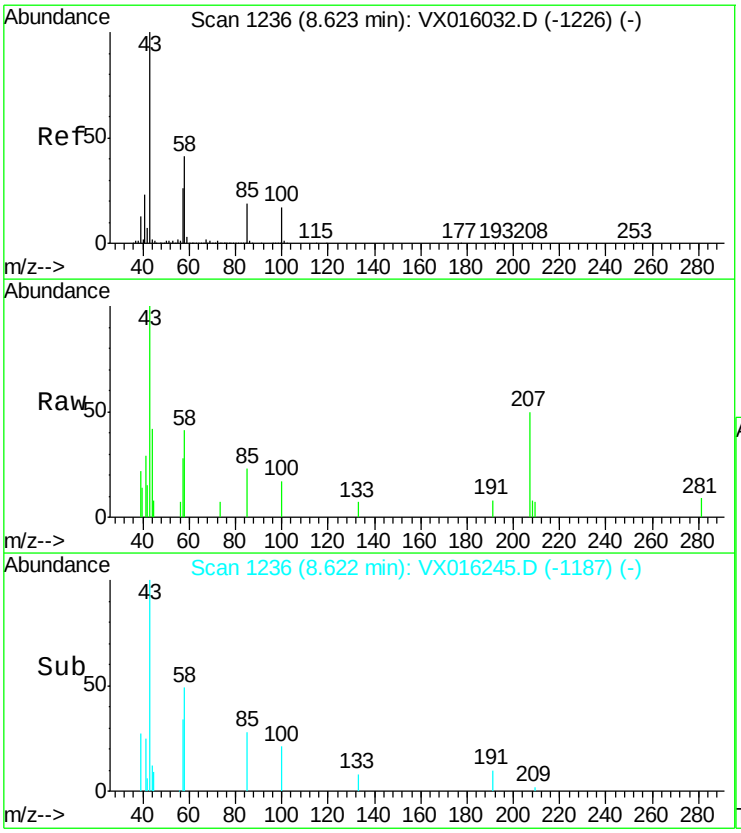
#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion: 98 Resp: 486083

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5

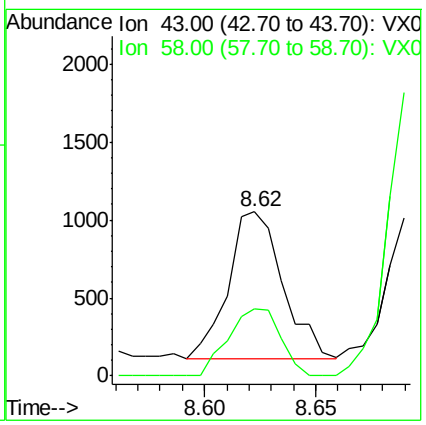


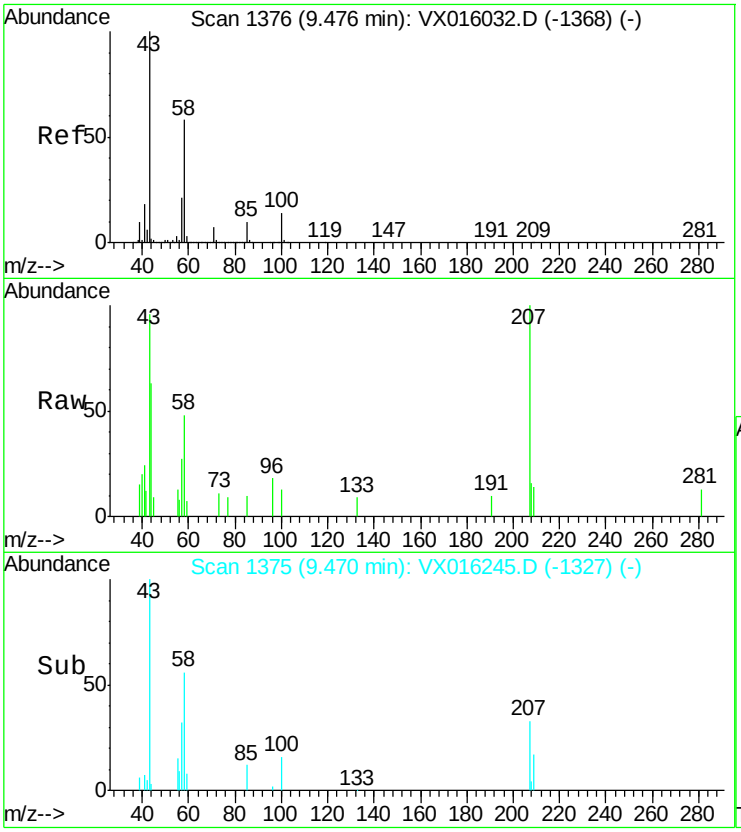


#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 43 Resp: 1600

Ion	Ratio	Lower	Upper
43	100		
58	44.0	33.0	49.4



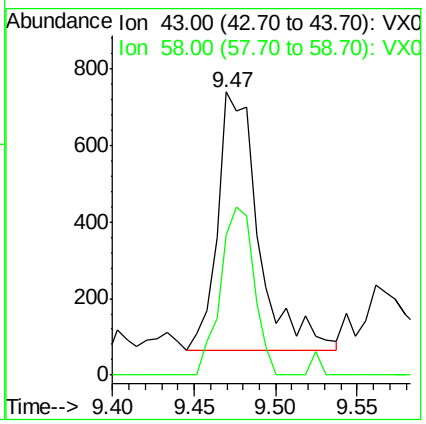


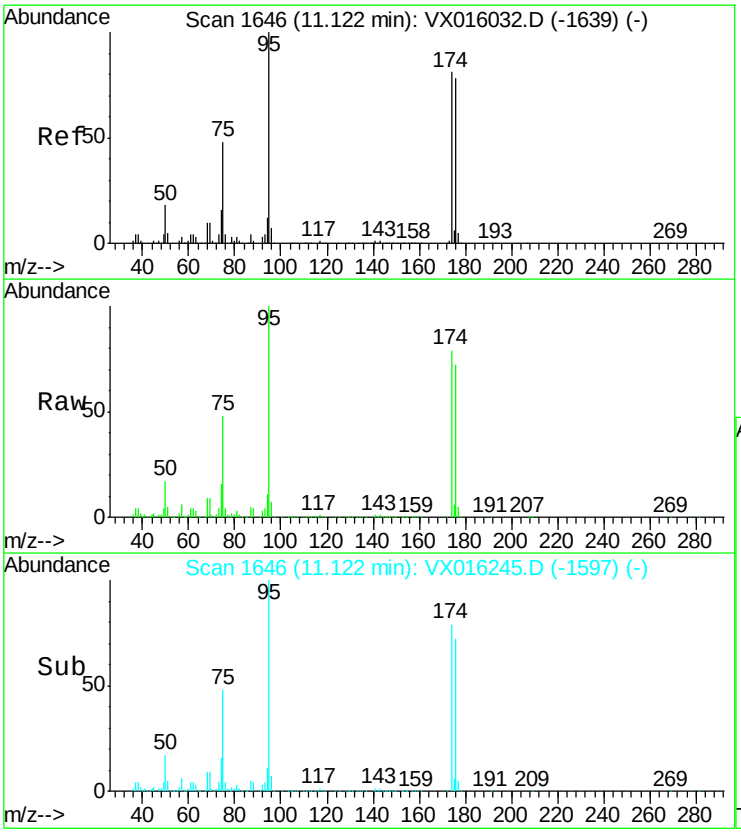
#59
2-Hexanone
Concen: 0.34 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
58	53.2	28.6	85.9

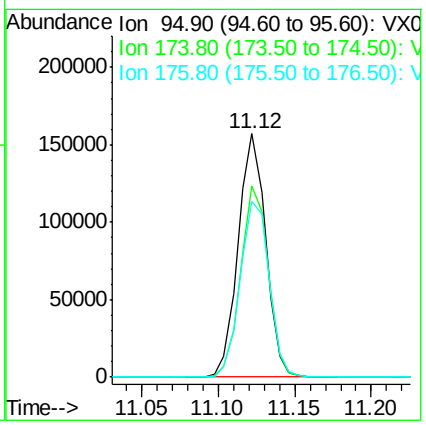


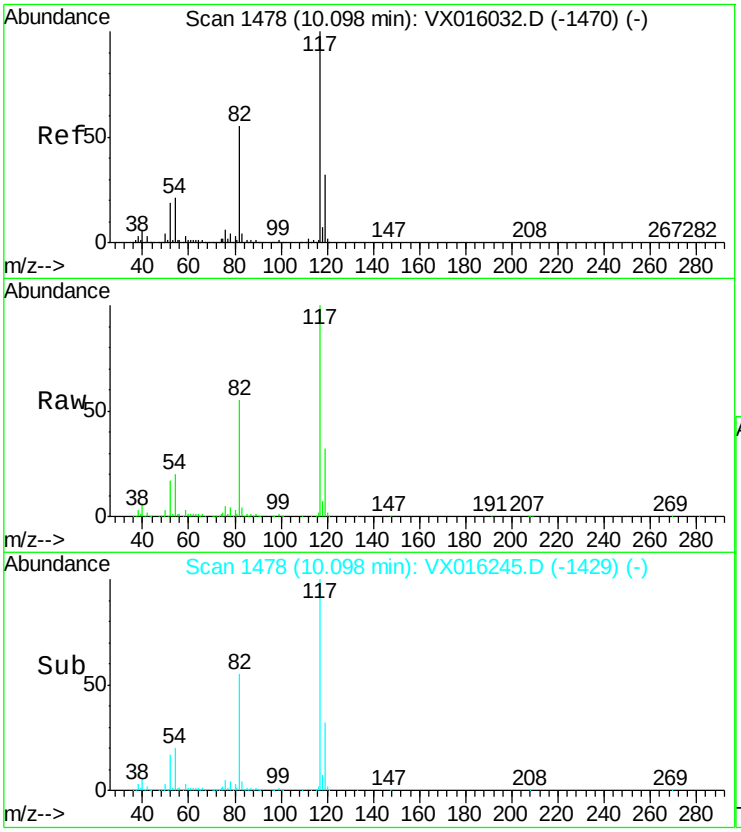


#62
4-Bromofluorobenzene
Concen: 53.58 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 95 Resp: 196340

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	159.4
176	76.1	0.0	157.6



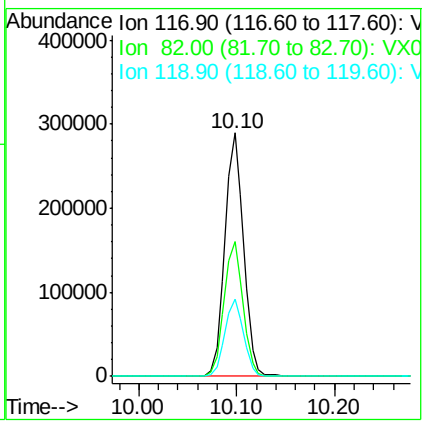


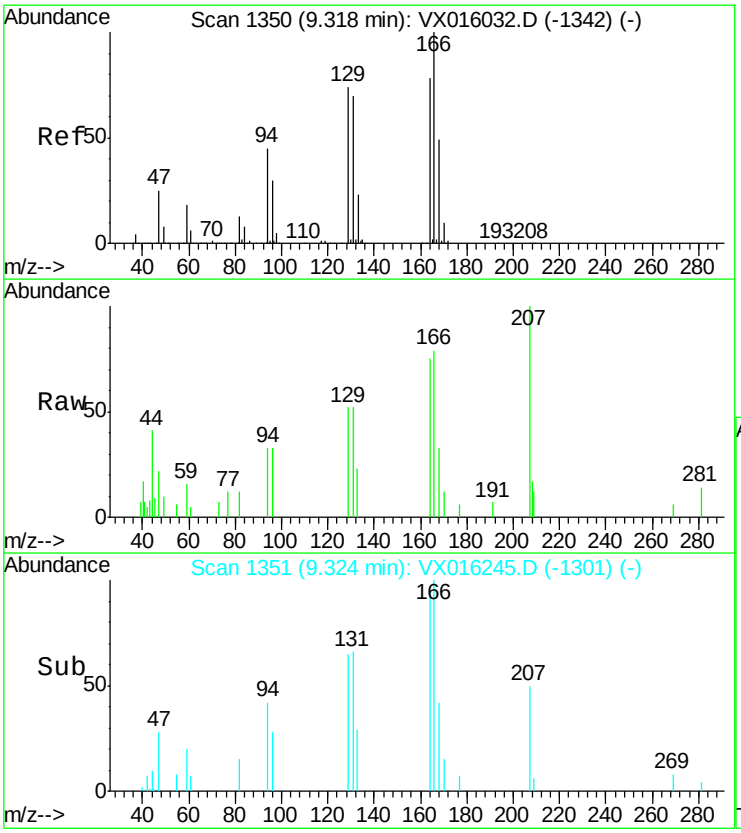
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion:117 Resp: 384295

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.4	66.6
119	31.9	25.5	38.3

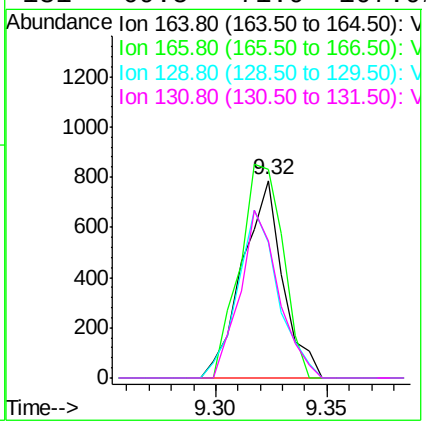


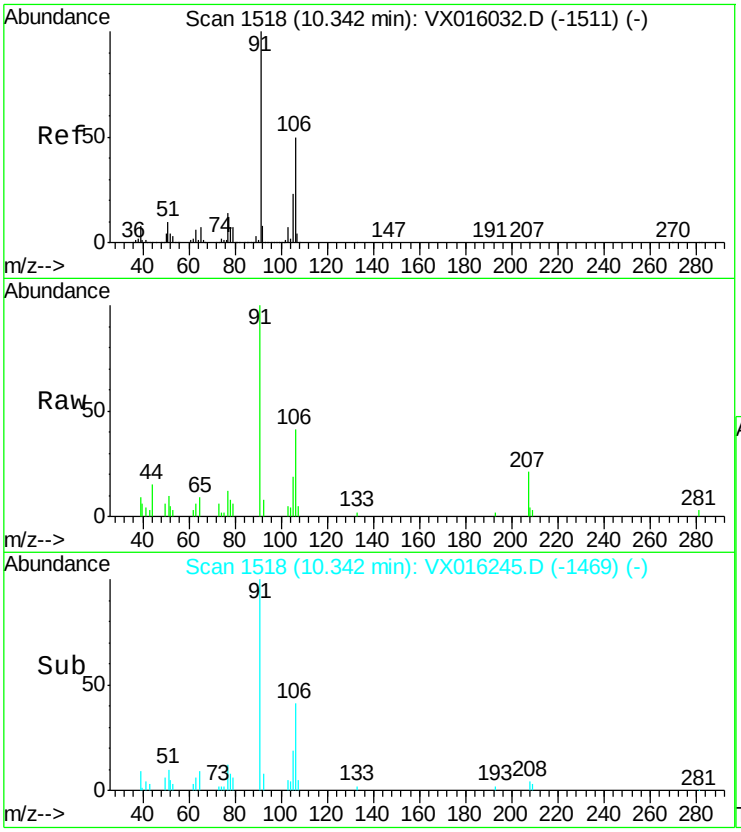


#64
Tetrachloroethene
Concen: 0.21 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion:164 Resp: 1005

Ion	Ratio	Lower	Upper
164	100		
166	105.5	102.9	154.3
129	69.0	76.1	114.1#
131	69.5	71.9	107.9#



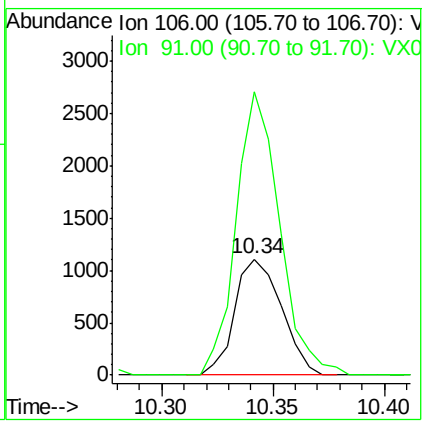


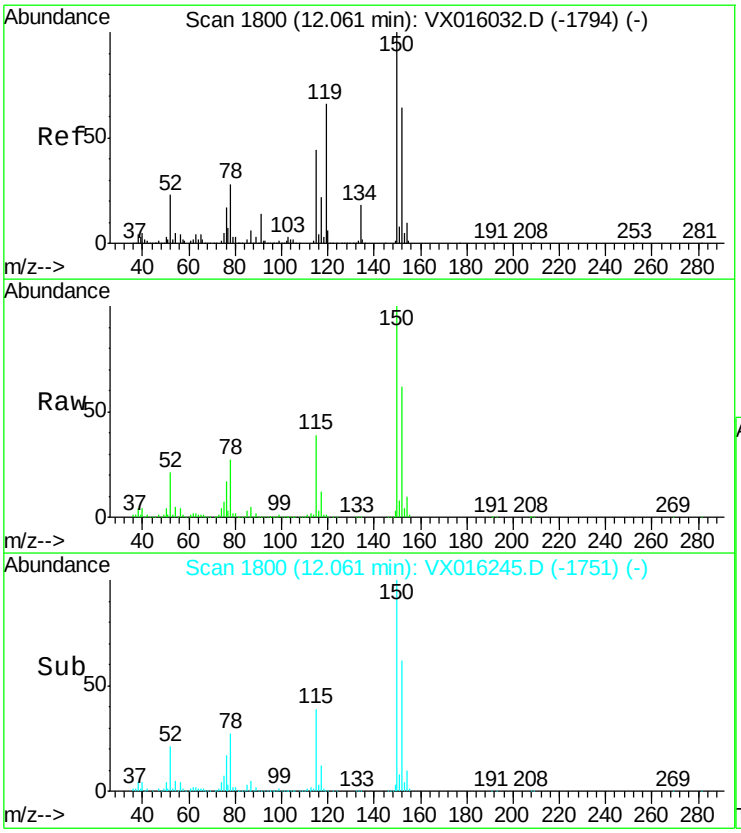
#68
m/p-Xylenes
Concen: 0.30 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
DRUM-COMP

Tgt Ion:106 Resp: 1622

Ion	Ratio	Lower	Upper
106	100		
91	227.5	161.7	242.5

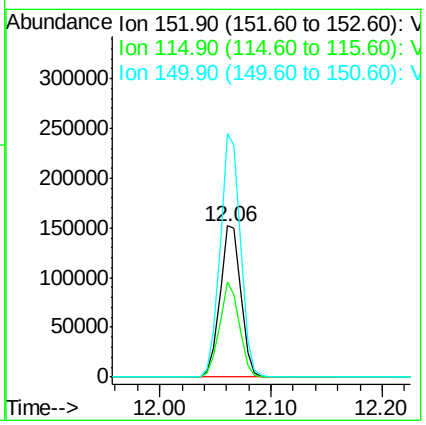


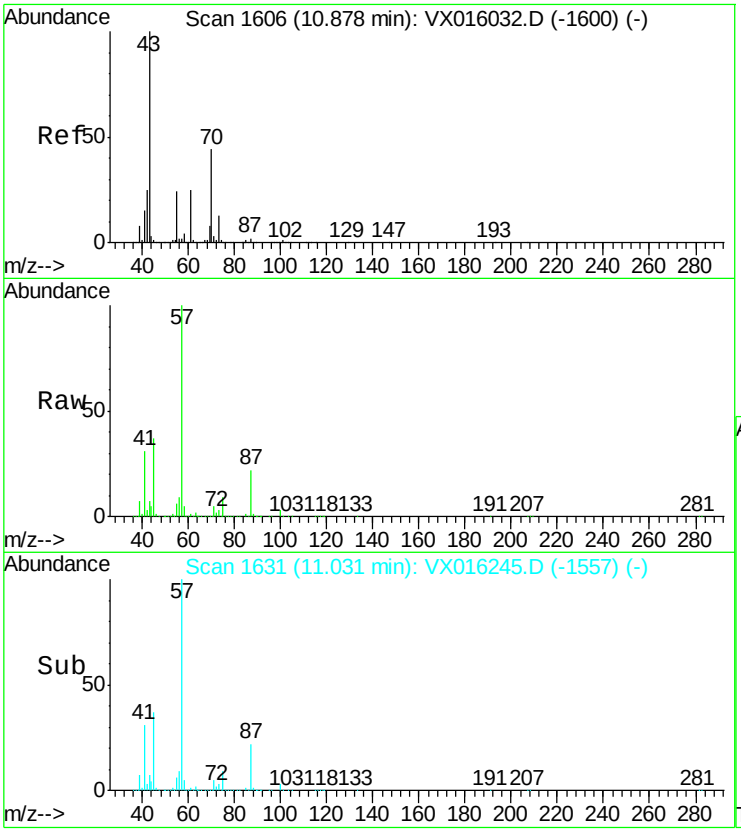


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion:152 Resp: 195485

Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.3	124.1
150	157.5	0.0	352.2



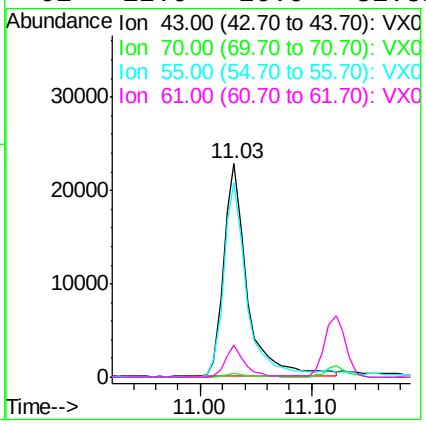


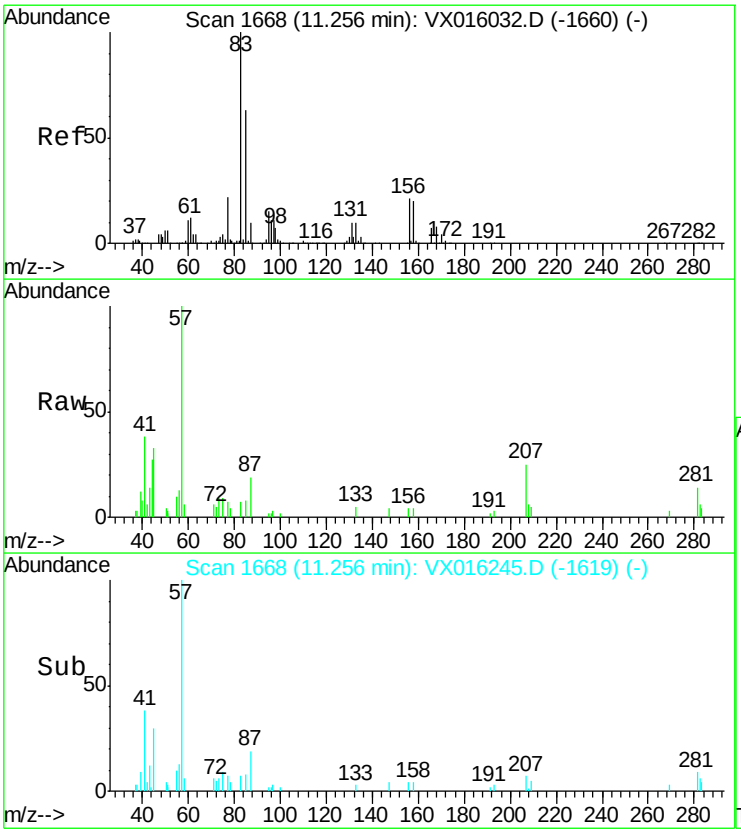
#74
N-amyl acetate
Concen: 5.01 ug/l
RT: 11.03 min Scan# 1631
Delta R.T. 0.15 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Instrument : MSVOA_X
ClientSampleId : DRUM-COMP

Tgt Ion: 43 Resp: 33214

Ion	Ratio	Lower	Upper
43	100		
70	2.3	36.5	54.7#
55	91.1	19.7	29.5#
61	12.9	20.9	31.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 2.14 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VX016245.D
Acq: 14 May 2020 20:33

Tgt Ion: 83 Resp: 229

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.4#
85	121.8	32.0	96.0#