Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016882.D
Acq On : 19 Jun 2020 16:15
Operator : JC/SP
Sample : L3024-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RO-6

Quant Time: Jun 22 01:37:50 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	5.63	168	235352	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	378979	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	385419	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202148	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	140291	49.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.12%				
35) Dibromofluoromethane	5.46	113	120286	49.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.24%				
50) Toluene-d8	8.70	98	472795	48.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.48%				
62) 4-Bromofluorobenzene	11.12	95	187193	50.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.74%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	792	0.240	ug/l		99
11) Tert butyl alcohol	3.00	59	605	1.264	ug/l	#	82
13) Acrolein	2.23	56	330	1.137	ug/l	#	69
16) Acetone	2.42	43	24862	24.196	ug/l		100
18) Methyl Acetate	2.75	43	2231	0.854	ug/l		95
20) Methylene Chloride	2.84	84	9513	3.861	ug/l		91
25) 2-Butanone	4.65	43	4649	3.287	ug/l		98
27) cis-1,2-Dichloroethene	4.57	96	671	0.251	ug/l		55
29) Tetrahydrofuran	5.10	42	1747	1.962	ug/l	#	64
36) 1,1-Dichloropropene	5.63	75	15477	4.423	ug/l	#	48
38) Carbon Tetrachloride	5.63	117	21661	5.517	ug/l	#	17
43) Isopropyl Acetate	6.41	43	49726	9.210	ug/l		99
44) Trichloroethene	7.18	130	1060	0.330	ug/l		84
48) Methyl methacrylate	7.65	41	3780	1.487	ug/l	#	12
49) 1,4-Dioxane	7.85	88	173	3.040	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	47589	14.655	ug/l	#	43
54) cis-1,3-Dichloropropene	8.60	75	22791	5.090	ug/l	#	60
56) Ethyl methacrylate	9.29	69	921	0.242	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	3993	0.896	ug/l	#	43
59) 2-Hexanone	9.42	43	42567	18.101	ug/l	#	21
65) Chlorobenzene	10.12	112	2120	0.272	ug/l		95
74) N-amyl acetate	10.80	43	2296	0.505	ug/l	#	46
76) 1,2,3-Trichloropropane	11.12	75	90534	24.522	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.12	75	90534	60.052	ug/l	#	14

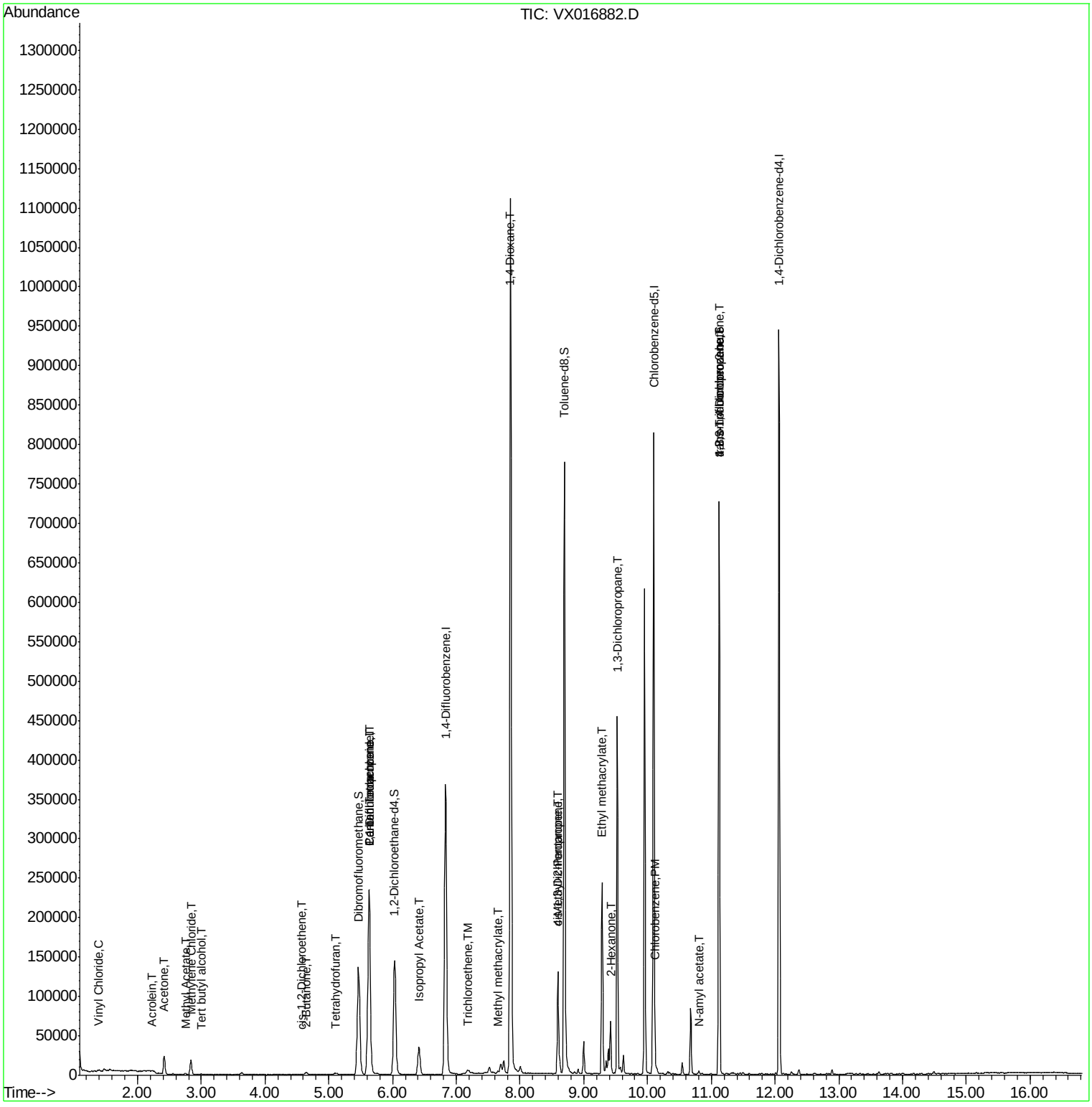
(#) = qualifier out of range (m) = manual integration (+) = signals summed

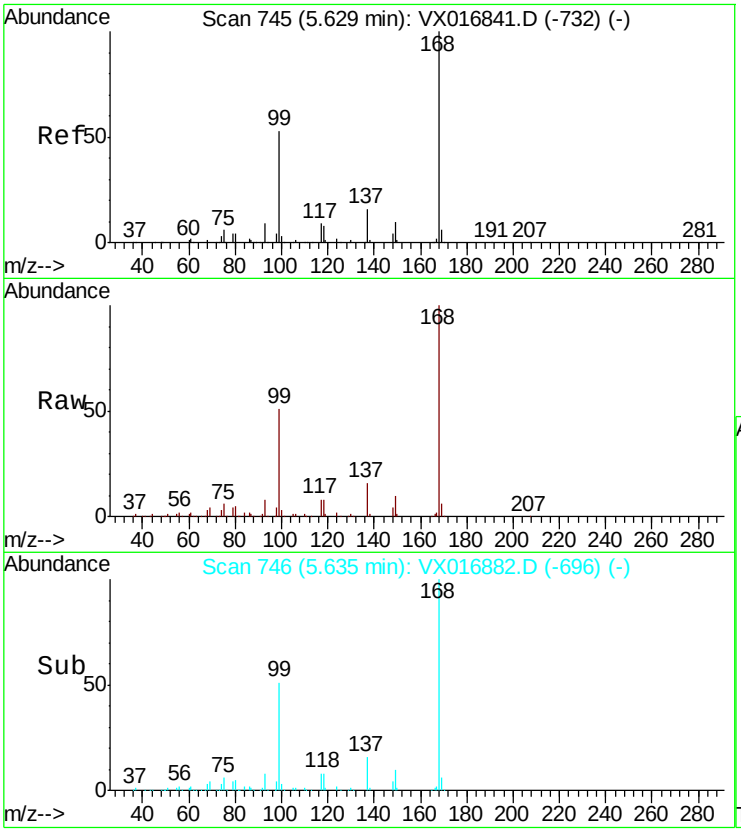
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016882.D
Acq On : 19 Jun 2020 16:15
Operator : JC/SP
Sample : L3024-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Quant Time: Jun 22 01:37:50 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



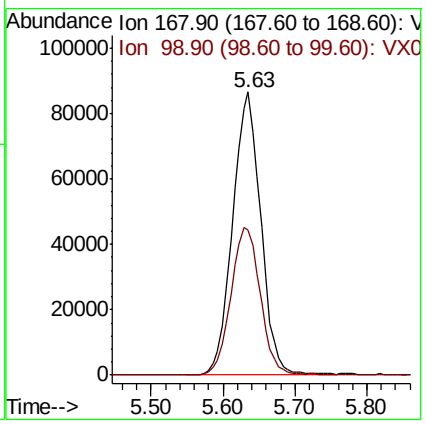


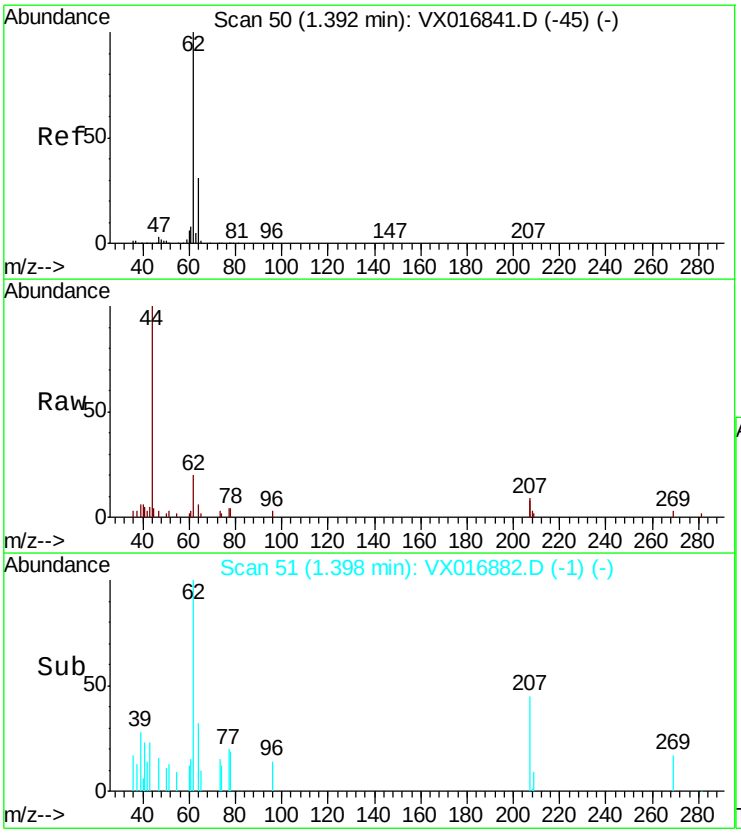
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion:168 Resp: 235352

Ion	Ratio	Lower	Upper
168	100		
99	51.5	42.2	63.2

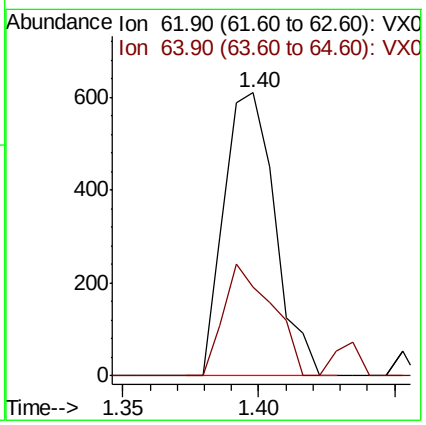


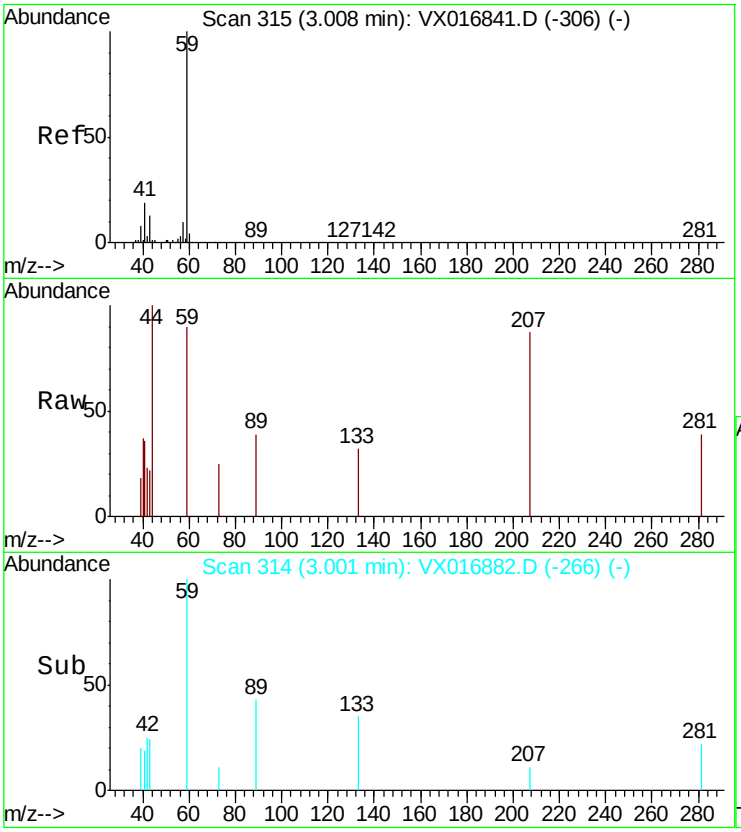


#4
Vinyl Chloride
Concen: 0.240 ug/l
RT: 1.40 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 62 Resp: 792

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.0	37.4



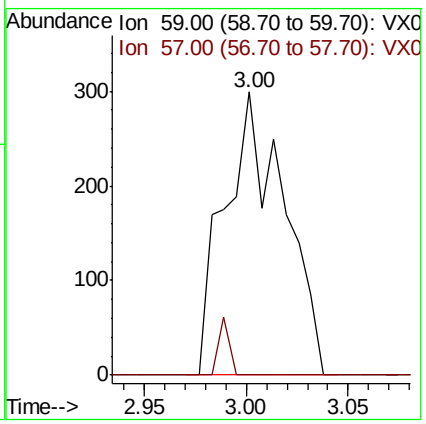


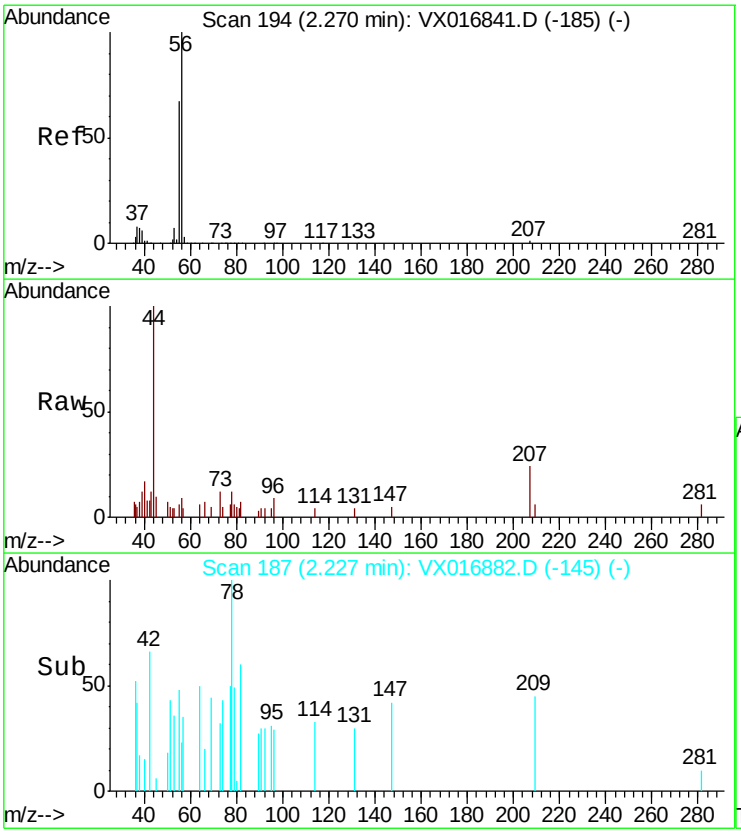
#11
Tert butyl alcohol
Concen: 1.264 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion: 59 Resp: 605

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.4	12.6#

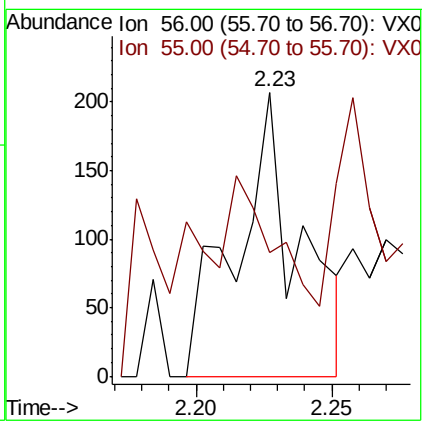


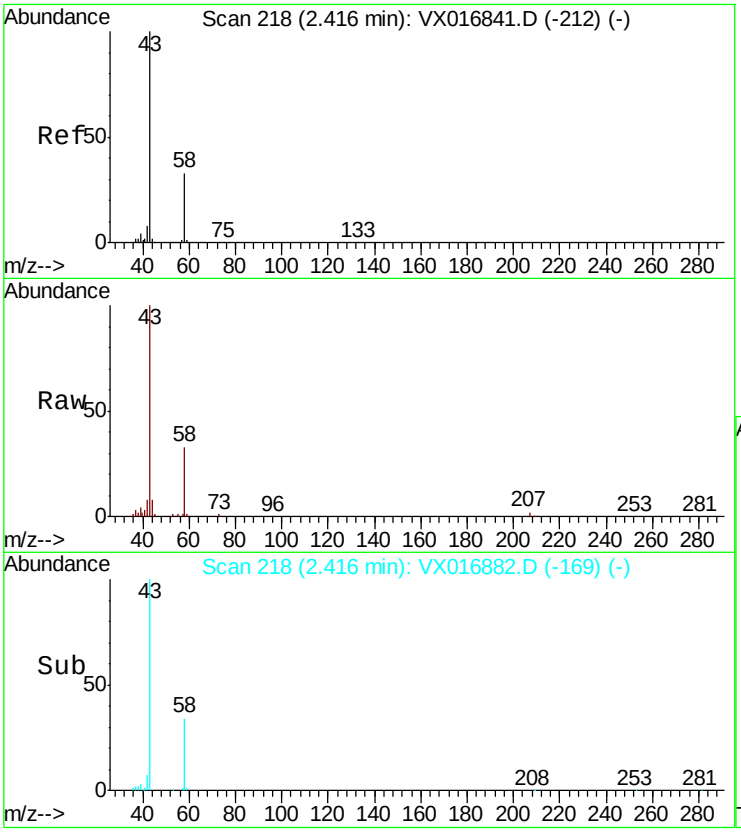


#13
Acrolein
Concen: 1.137 ug/l
RT: 2.23 min Scan# 187
Delta R.T. -0.04 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 56 Resp: 330

Ion	Ratio	Lower	Upper
56	100		
55	44.2	55.7	83.5#



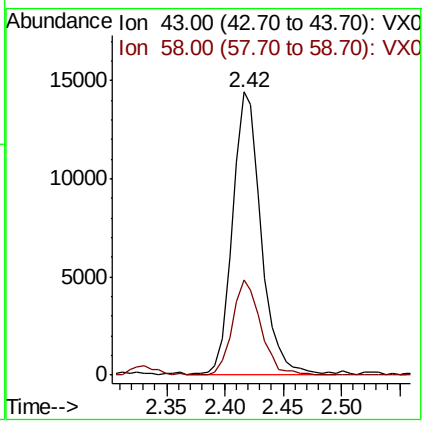


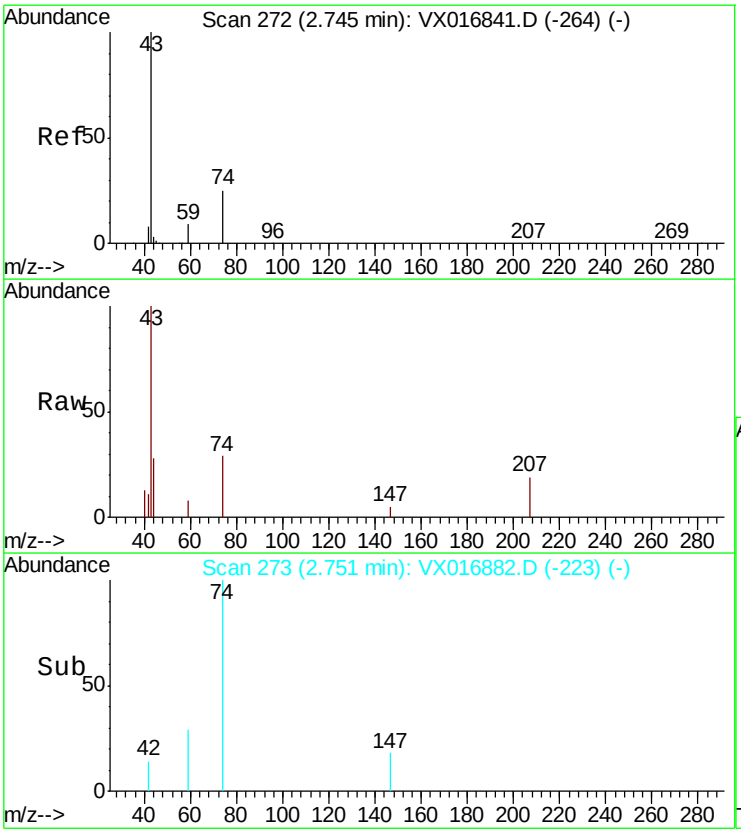
#16
Acetone
Concen: 24.196 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion: 43 Resp: 24862

Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.6	39.8

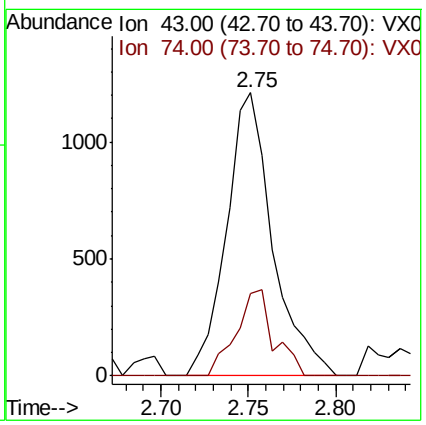


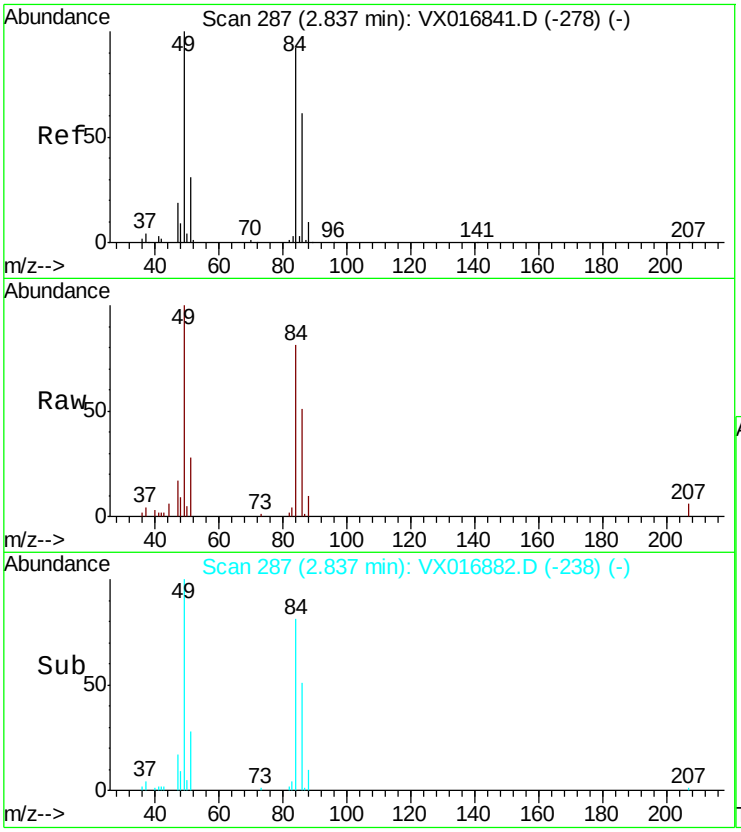


#18
Methyl Acetate
Concen: 0.854 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 43 Resp: 2231

Ion	Ratio	Lower	Upper
43	100		
74	24.6	21.8	32.8



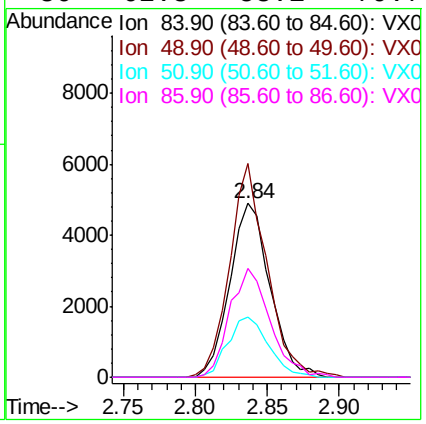


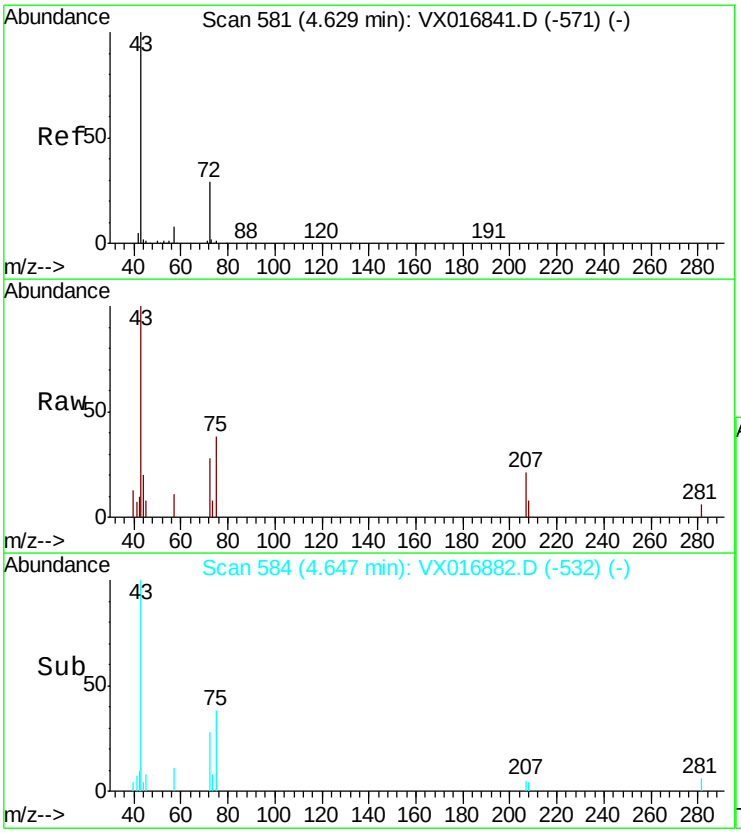
#20
Methylene Chloride
Concen: 3.861 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion: 84 Resp: 9513

Ion	Ratio	Lower	Upper
84	100		
49	122.7	86.6	129.8
51	34.5	27.1	40.7
86	62.3	53.1	79.7

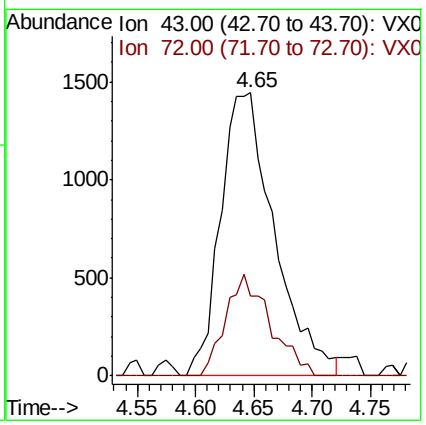


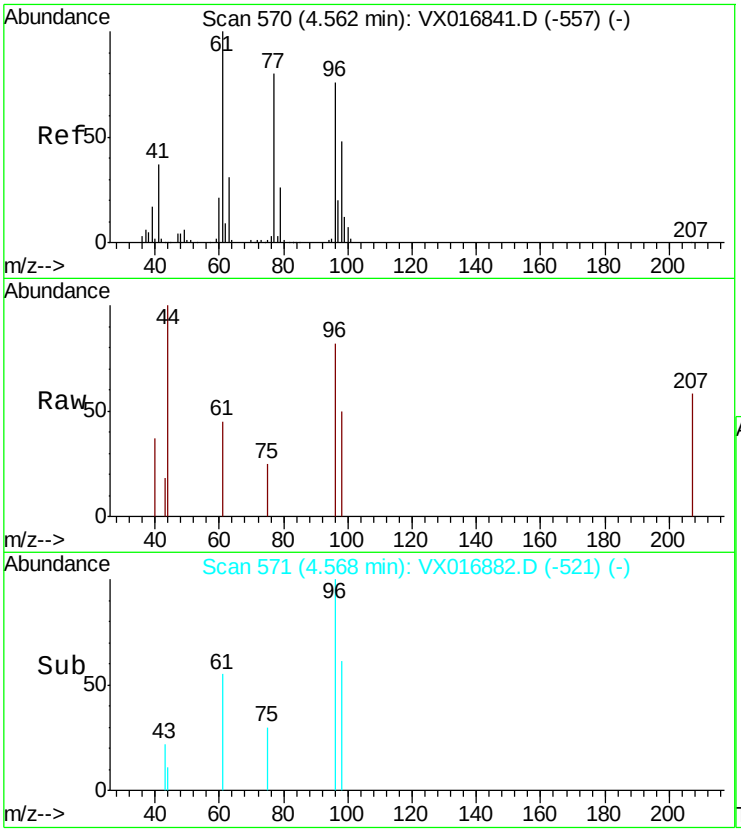


#25
2-Butanone
Concen: 3.287 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 43 Resp: 4649

Ion	Ratio	Lower	Upper
43	100		
72	28.1	23.5	35.3



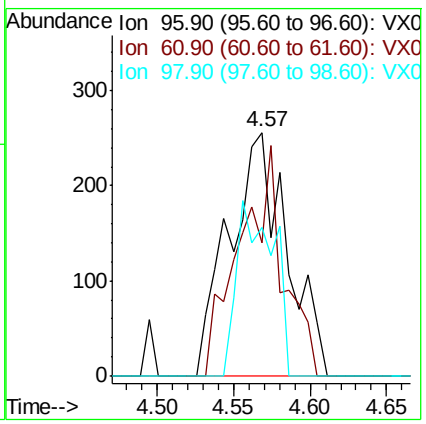


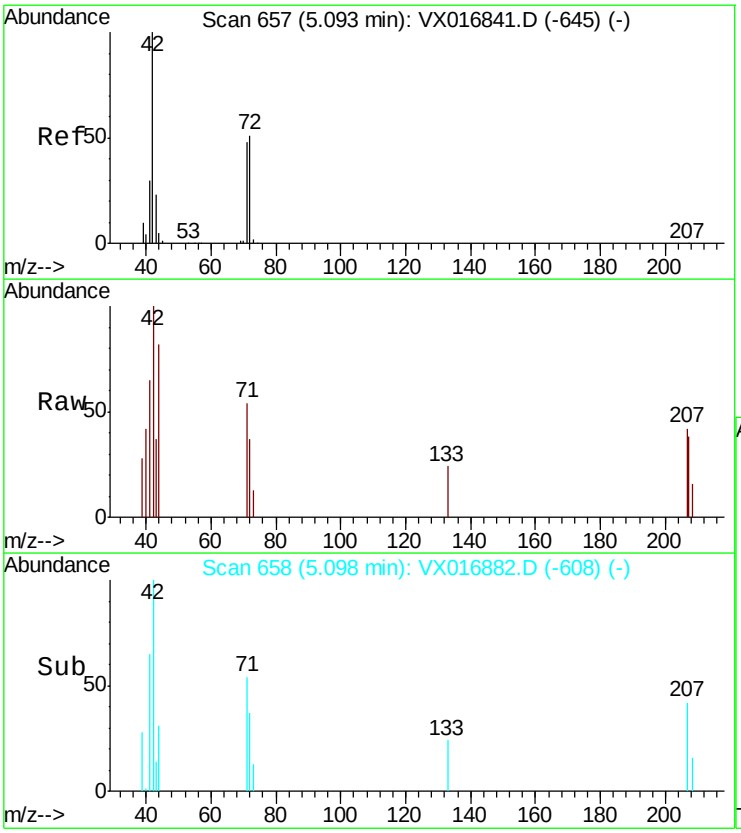
#27
cis-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion: 96 Resp: 671

Ion	Ratio	Lower	Upper
96	100		
61	71.2	0.0	273.8
98	46.1	0.0	129.0

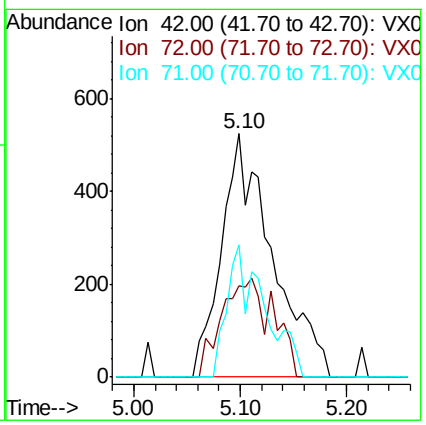


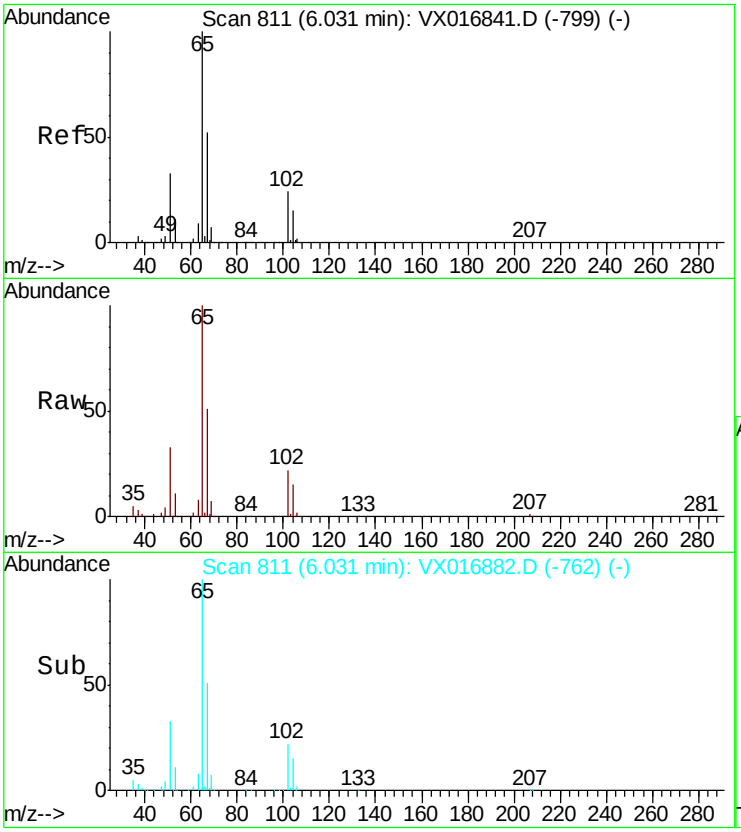


#29
Tetrahydrofuran
Concen: 1.962 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 42 Resp: 1747

Ion	Ratio	Lower	Upper
42	100		
72	30.8	41.1	61.7#
71	18.7	38.4	57.6#



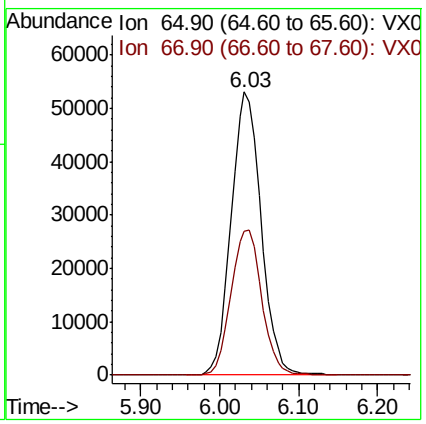


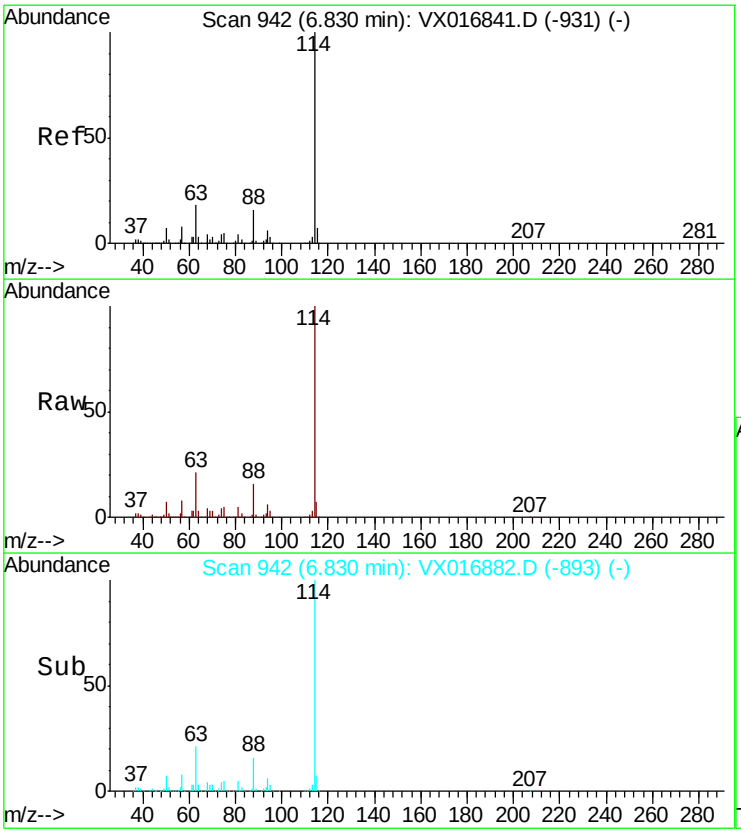
#33
1,2-Dichloroethane-d4
Concen: 49.564 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion: 65 Resp: 140291

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	102.6

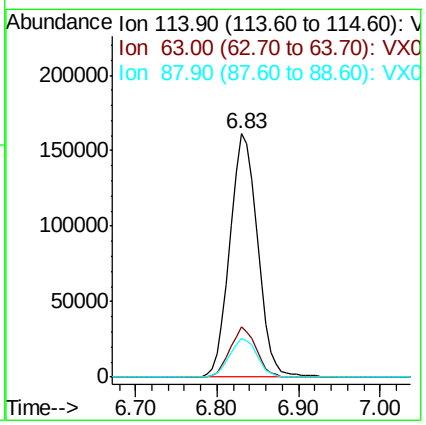


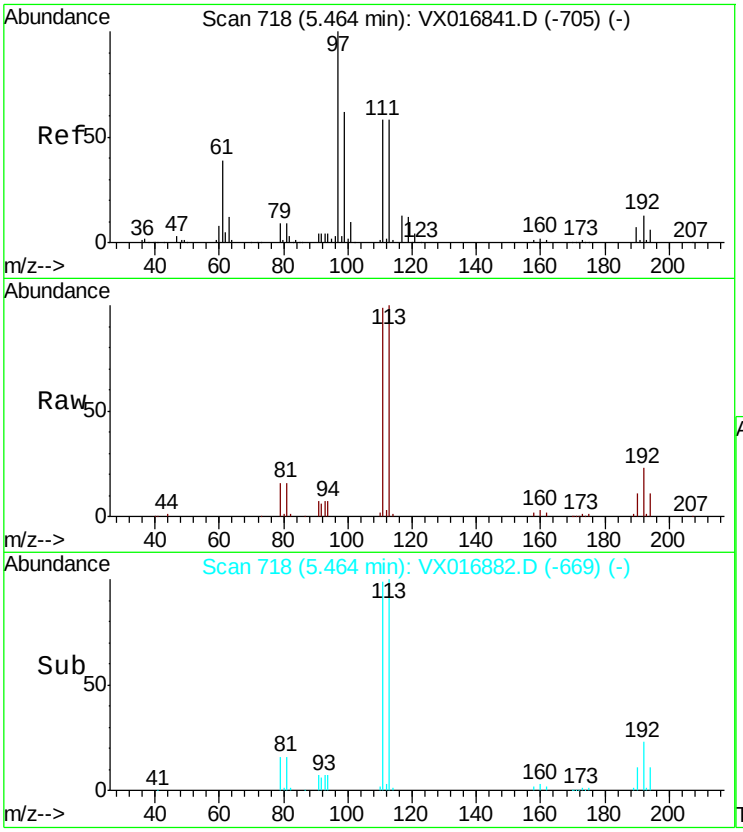


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion:114 Resp: 378979

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.0
88	16.0	0.0	32.0



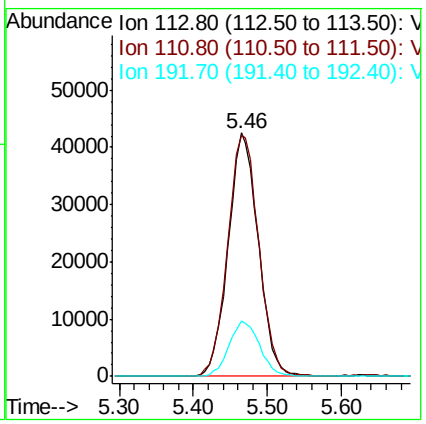


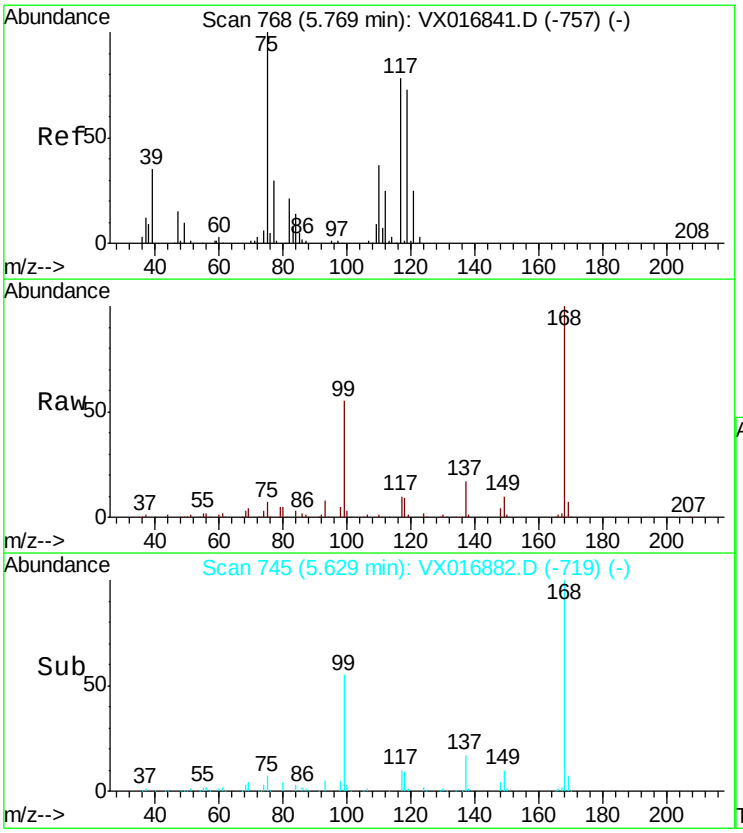
#35
Dibromofluoromethane
Concen: 49.616 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion:113 Resp: 120286

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	23.1	18.5	27.7

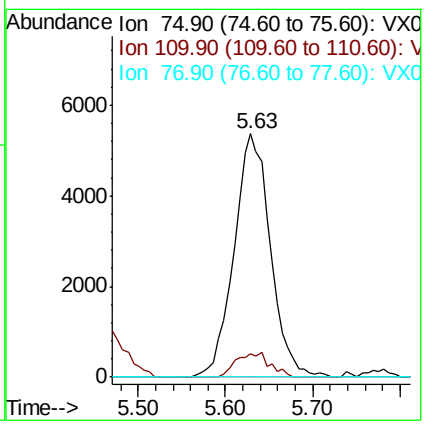


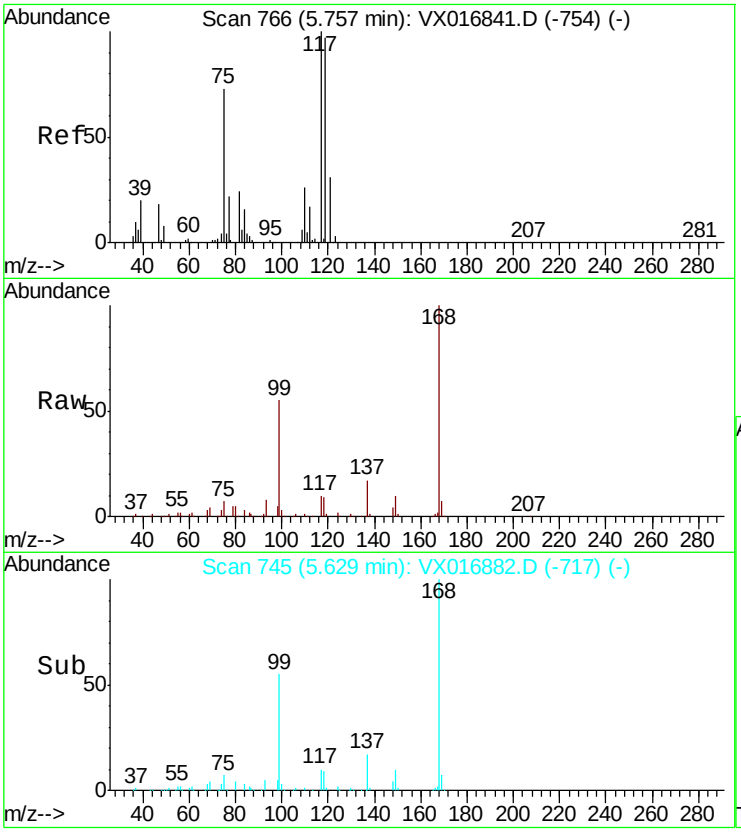


#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 75 Resp: 15477

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.9	56.9#
77	0.0	25.6	38.4#



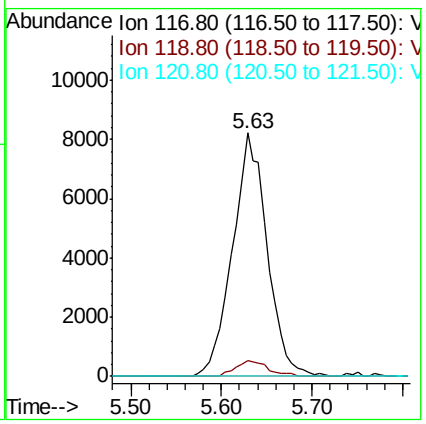


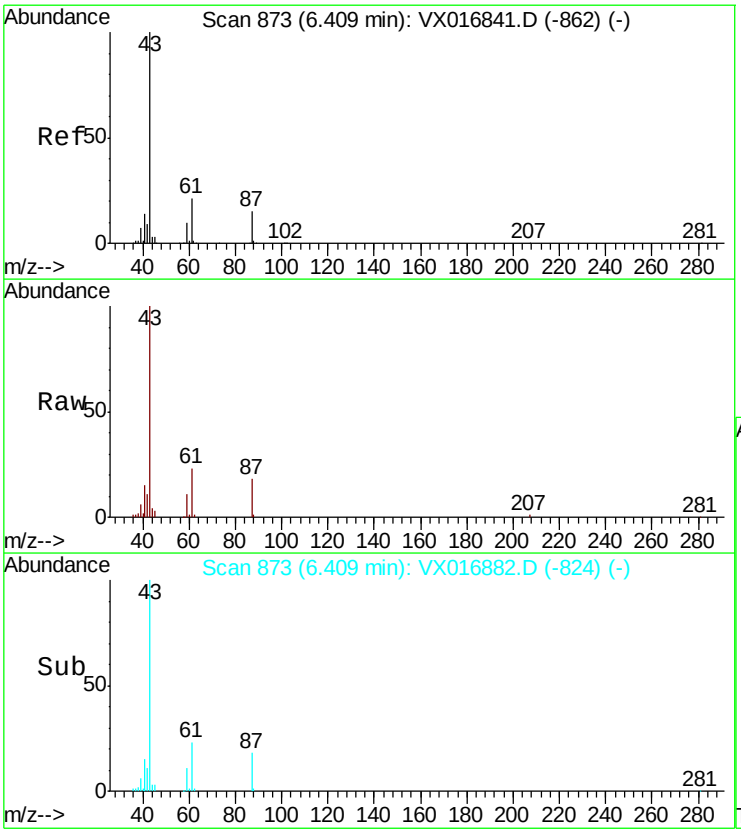
#38
Carbon Tetrachloride
Concen: 5.517 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion:117 Resp: 21661

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.4	116.2#
121	0.0	24.7	37.1#

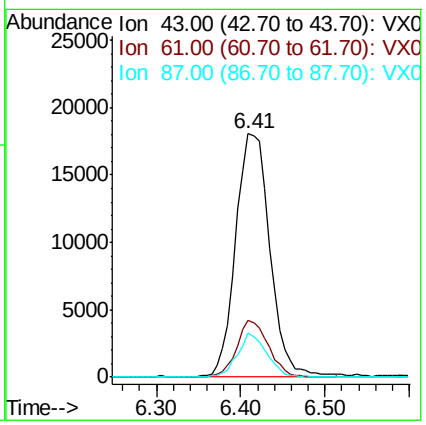


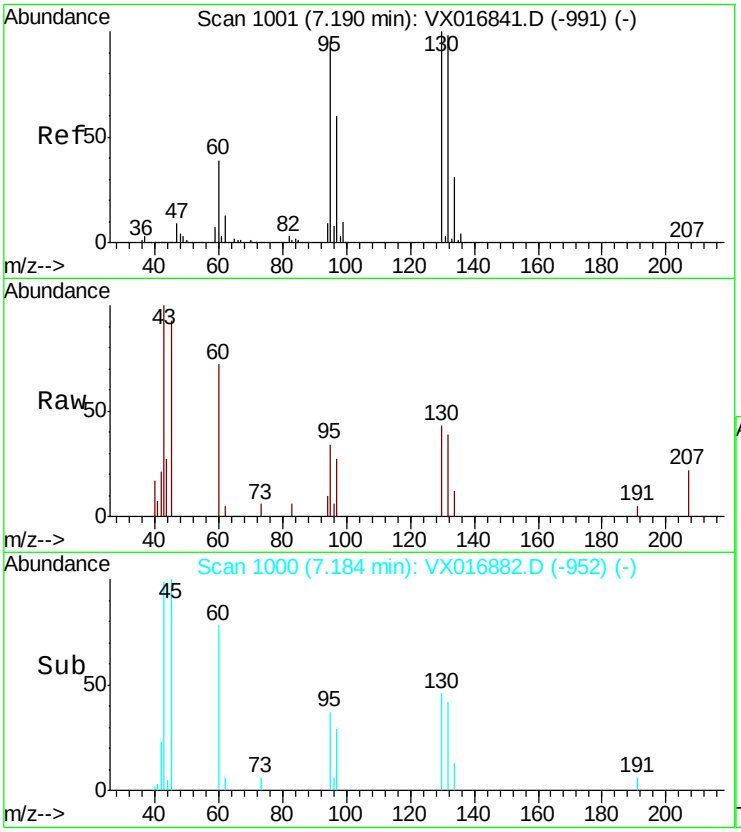


#43
Isopropyl Acetate
Concen: 9.210 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 43 Resp: 49726

Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.9	26.9
87	15.5	12.4	18.6



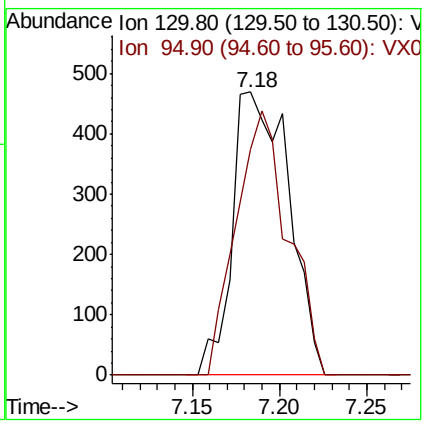


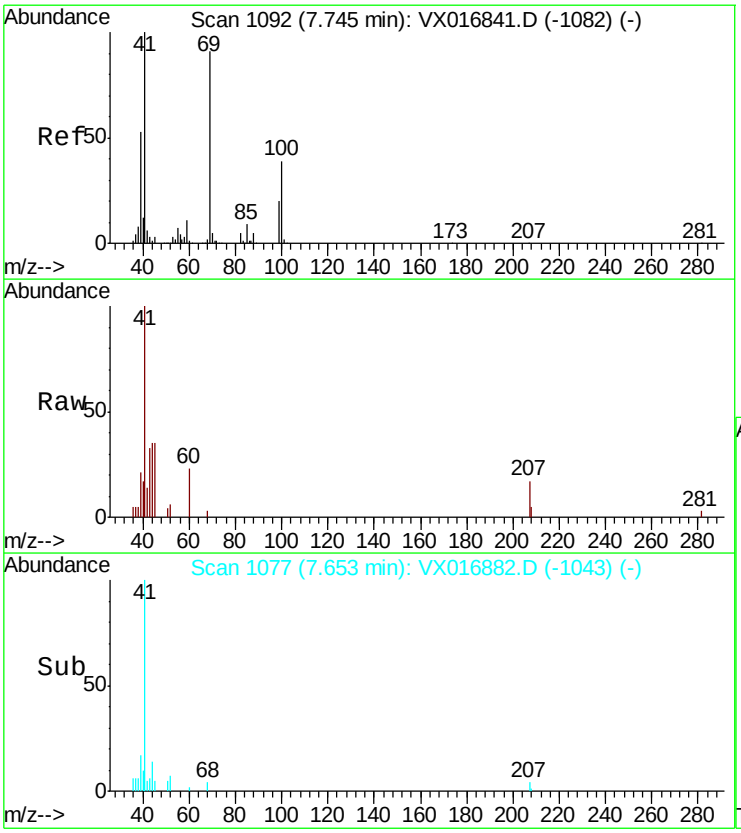
#44
Trichloroethene
Concen: 0.330 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion:130 Resp: 1060

Ion	Ratio	Lower	Upper
130	100		
95	80.0	0.0	190.8

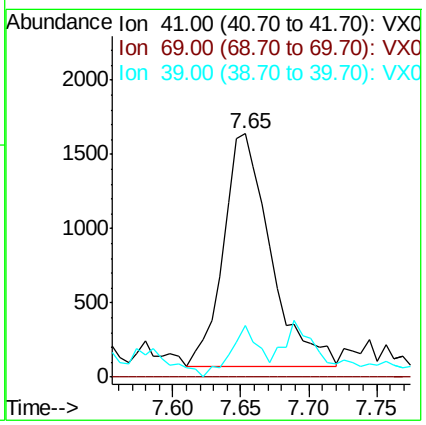


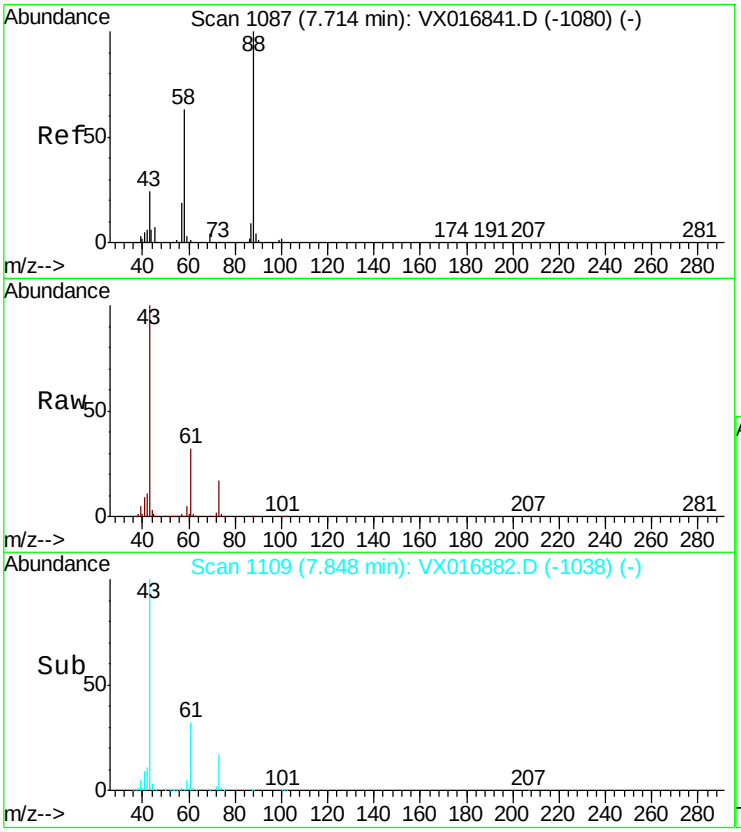


#48
Methyl methacrylate
Concen: 1.487 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 41 Resp: 3780

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.3	109.9#
39	0.0	42.4	63.6#



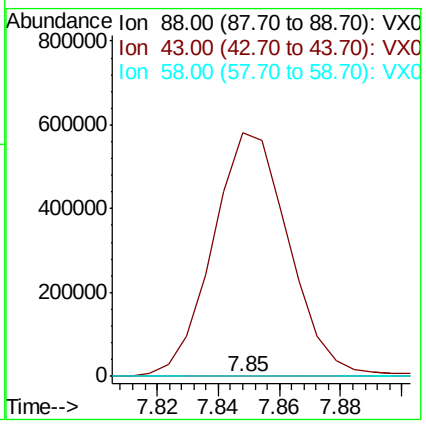


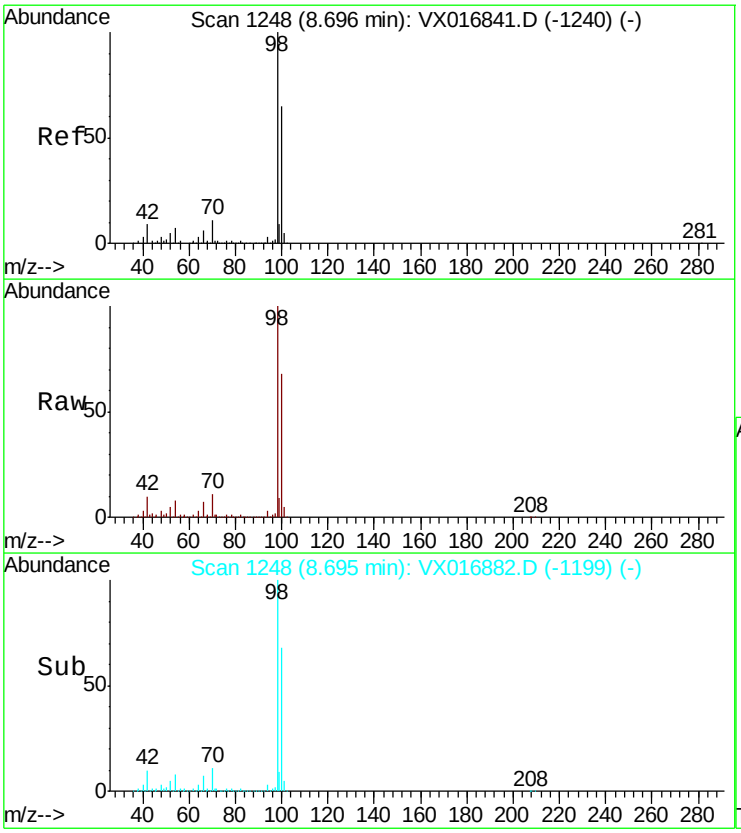
#49
1,4-Dioxane
Concen: 3.040 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion: 88 Resp: 173

Ion	Ratio	Lower	Upper
88	100		
43	587066.5	22.7	34.1#
58	2738.2	53.1	79.7#

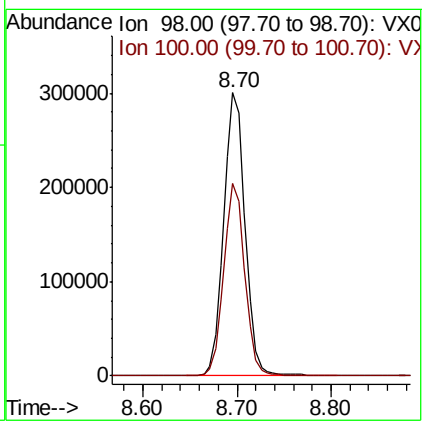


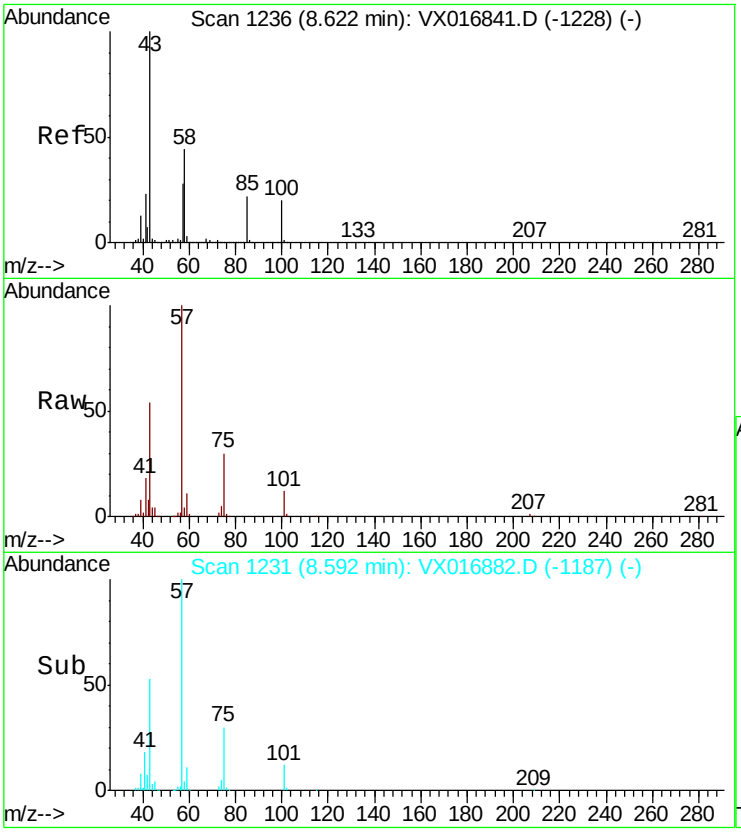


#50
Toluene-d8
Concen: 48.745 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 98 Resp: 472795

Ion	Ratio	Lower	Upper
98	100		
100	67.1	54.0	81.0



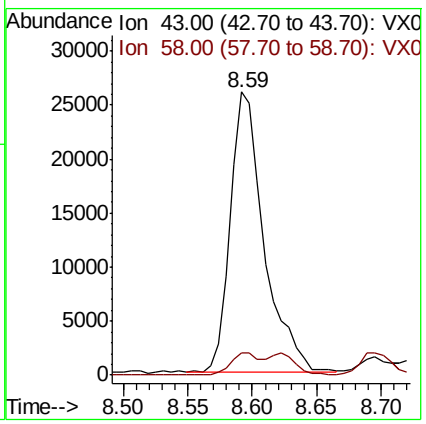


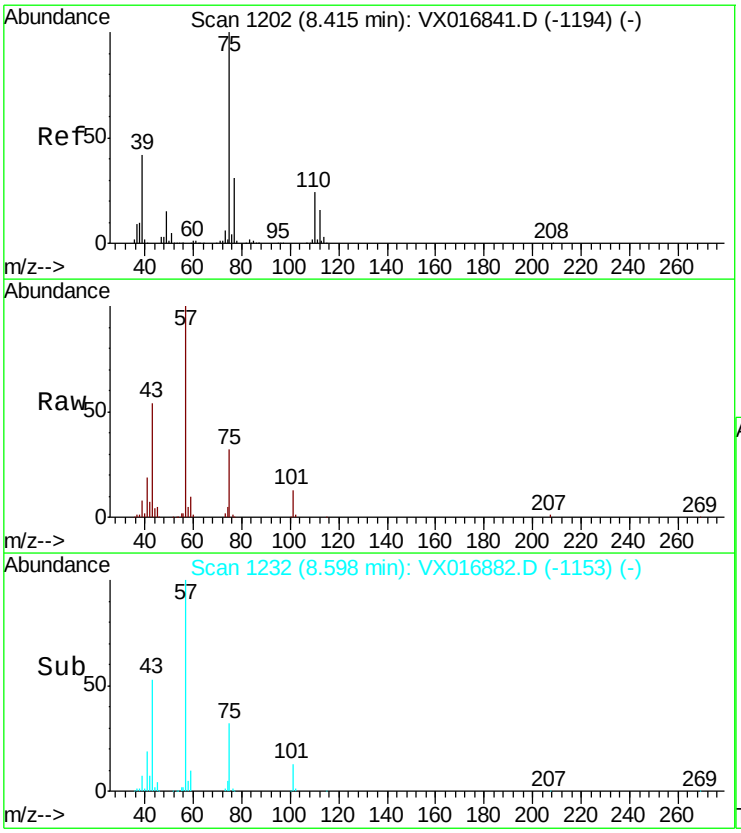
#51
4-Methyl-2-Pentanone
Concen: 14.655 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion: 43 Resp: 47589

Ion	Ratio	Lower	Upper
43	100		
58	6.2	34.3	51.5#

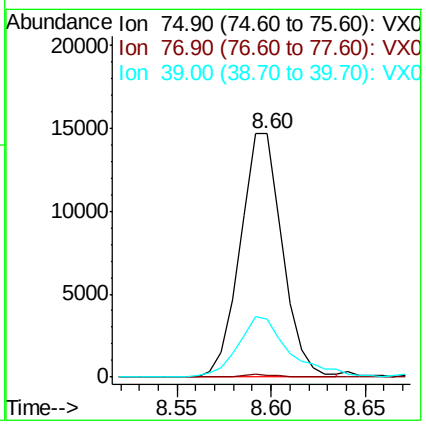


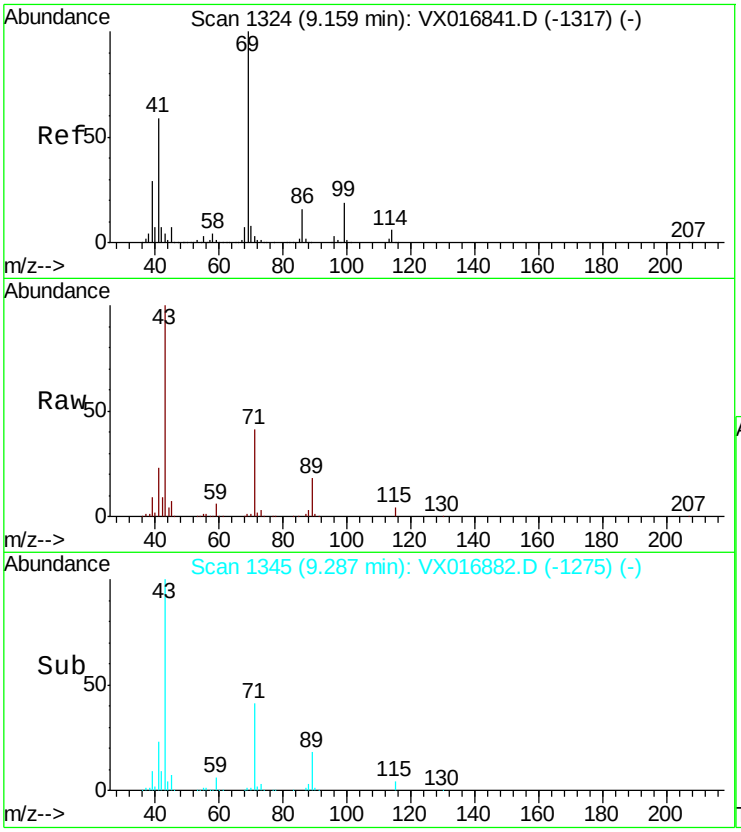


#54
cis-1,3-Dichloropropene
Concen: 5.090 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. 0.18 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 75 Resp: 22791

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.9	37.3#
39	23.6	33.4	50.0#



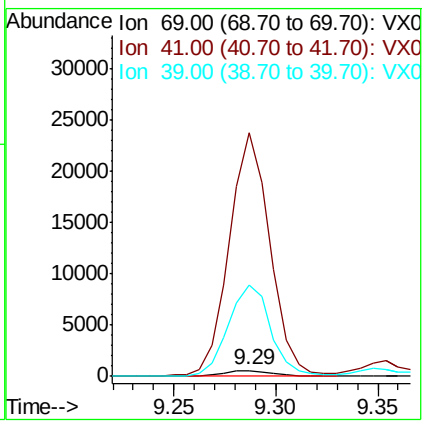


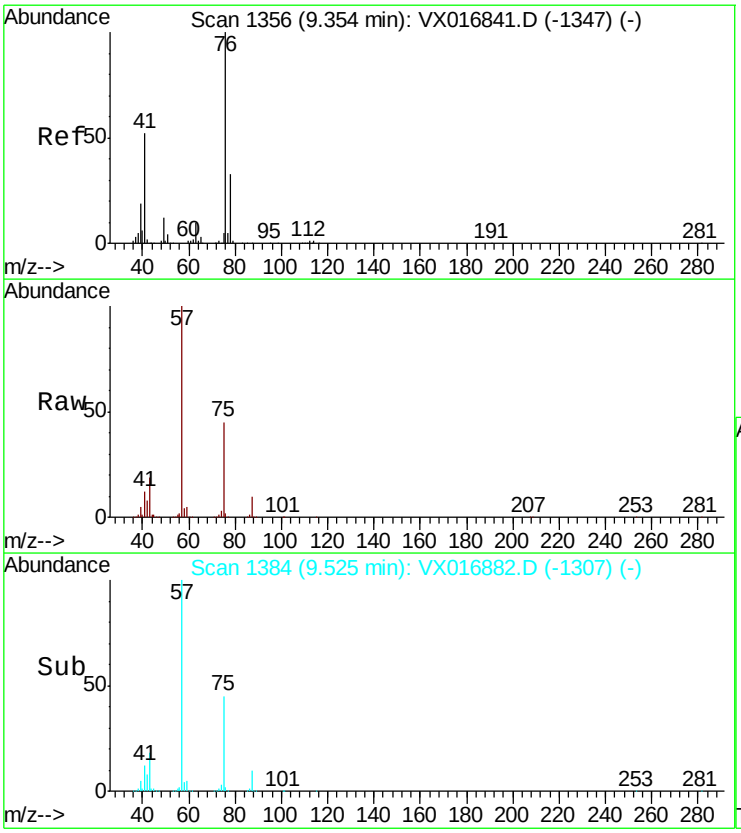
#56
Ethyl methacrylate
Concen: 0.242 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion: 69 Resp: 921

Ion	Ratio	Lower	Upper
69	100		
41	3576.8	47.9	71.9#
39	1401.5	24.2	36.4#

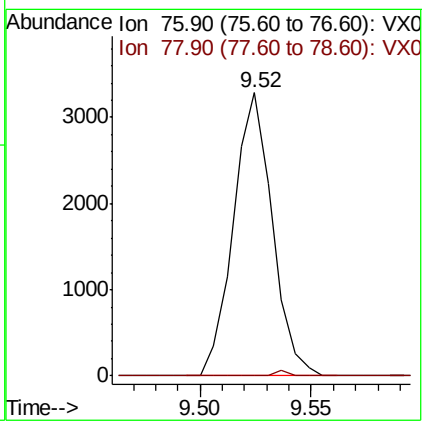


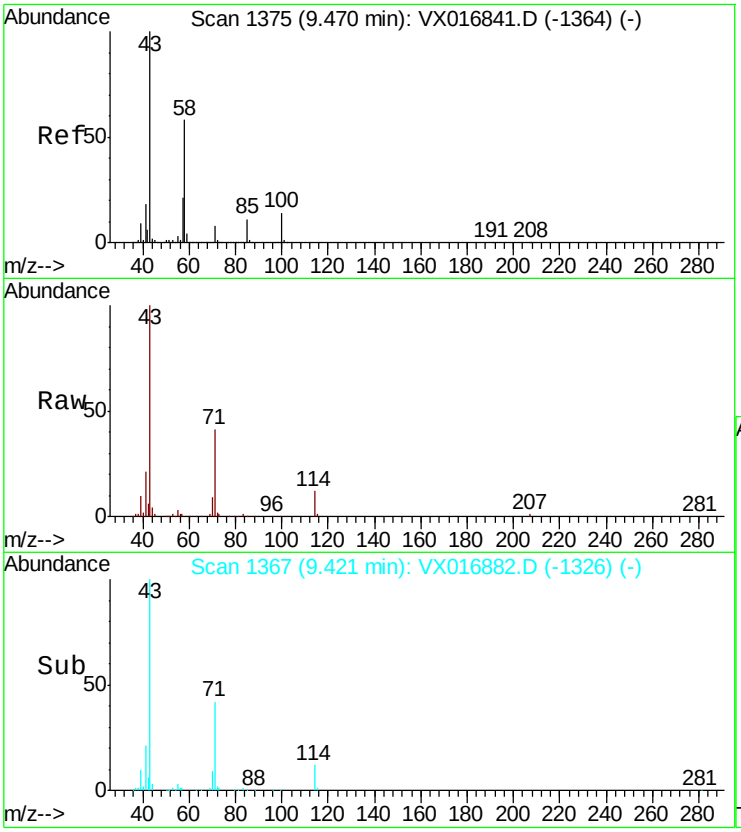


#57
1,3-Dichloropropane
Concen: 0.896 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 76 Resp: 3993

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.8	38.6#



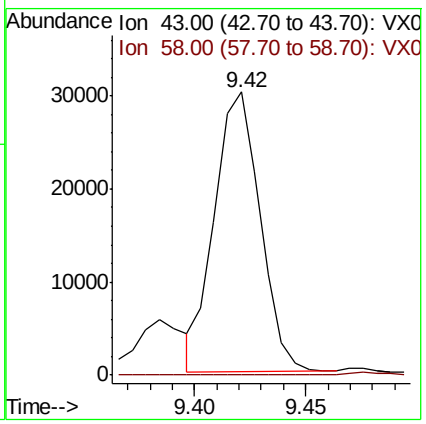


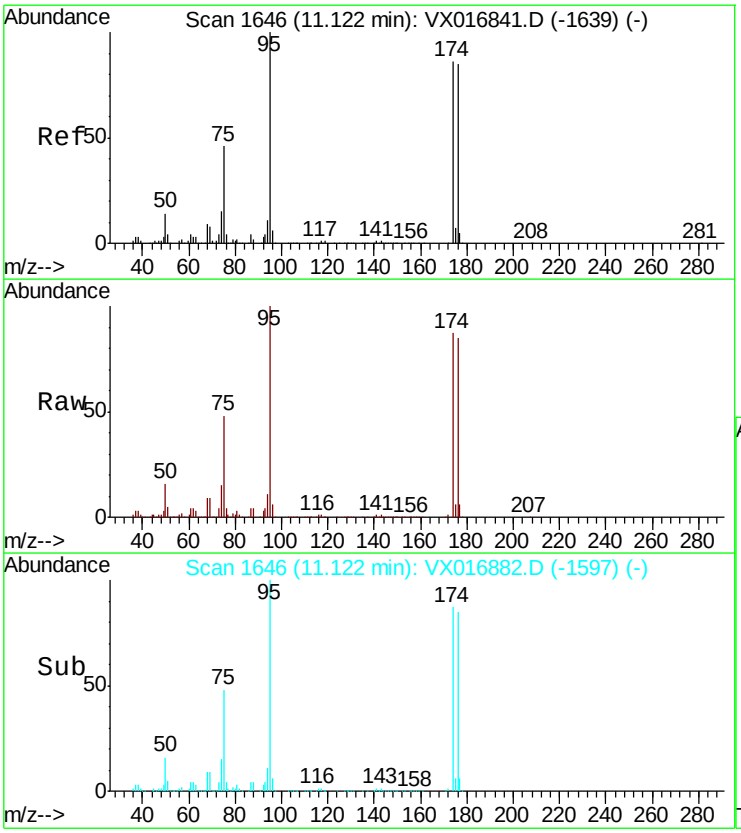
#59
2-Hexanone
Concen: 18.101 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion: 43 Resp: 42567

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.8	89.4#

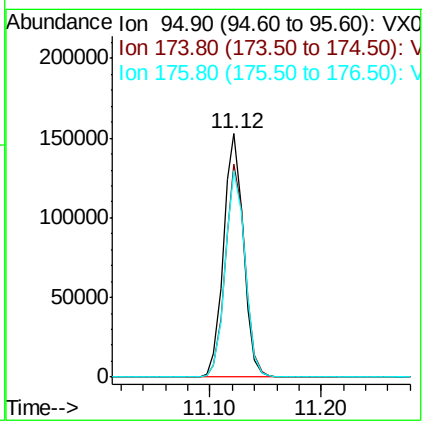


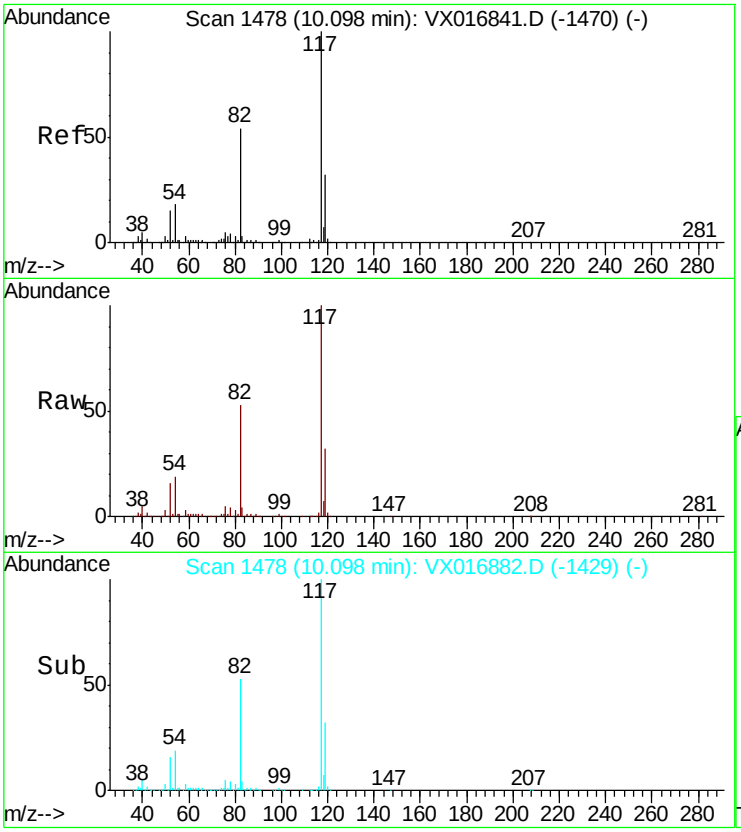


#62
4-Bromofluorobenzene
Concen: 50.371 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 95 Resp: 187193

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	174.2
176	85.1	0.0	170.0



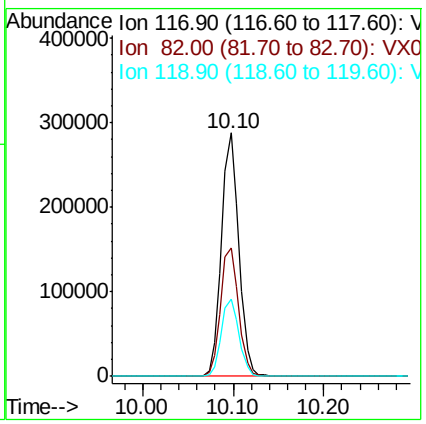


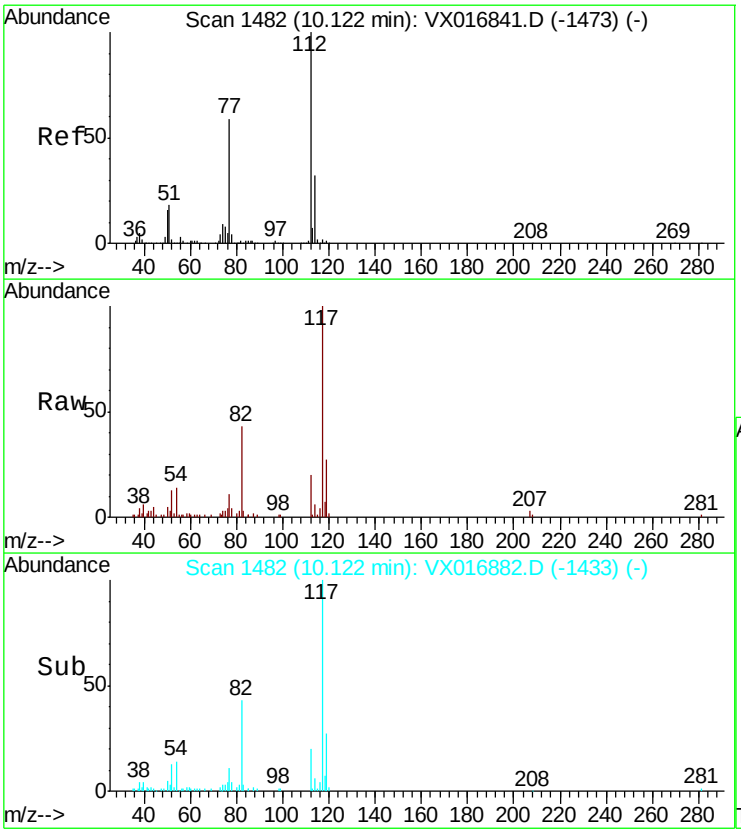
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument : MSVOA_X
ClientSampleId : RO-6

Tgt Ion:117 Resp: 385419

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.4	65.0
119	31.8	25.7	38.5

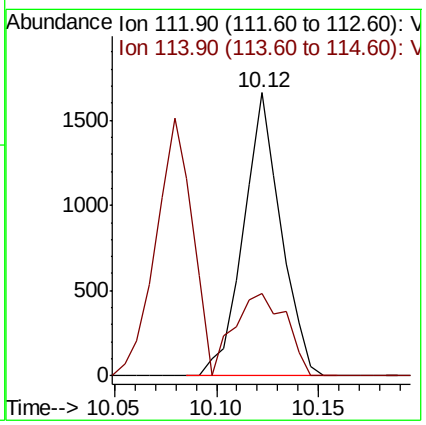


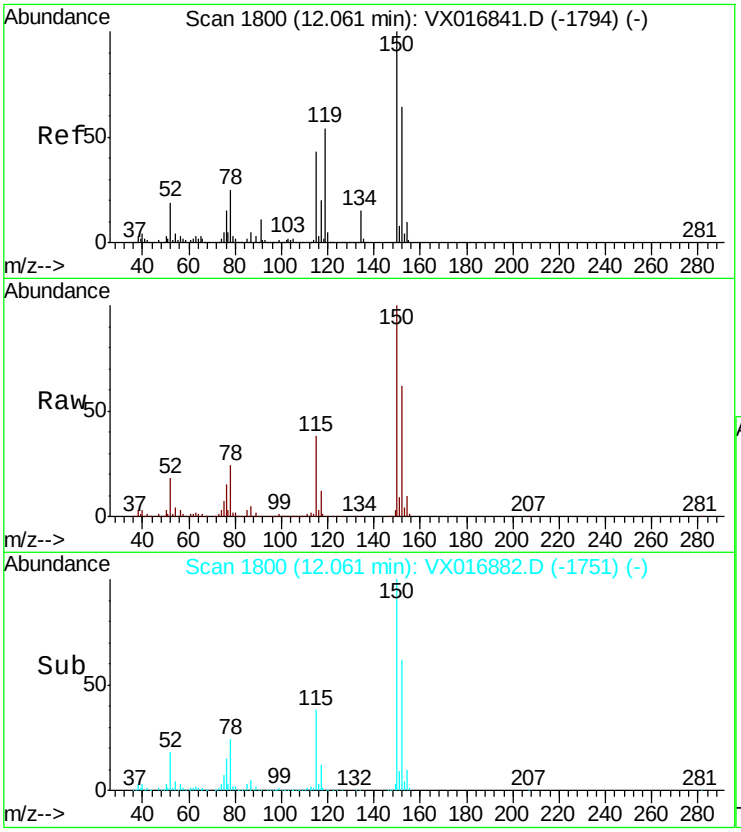


#65
Chlorobenzene
Concen: 0.272 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion:112 Resp: 2120

Ion	Ratio	Lower	Upper
112	100		
114	29.1	25.5	38.3



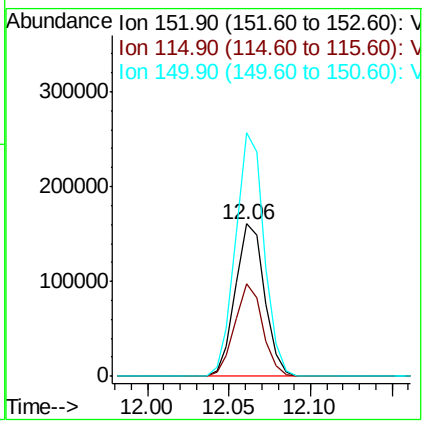


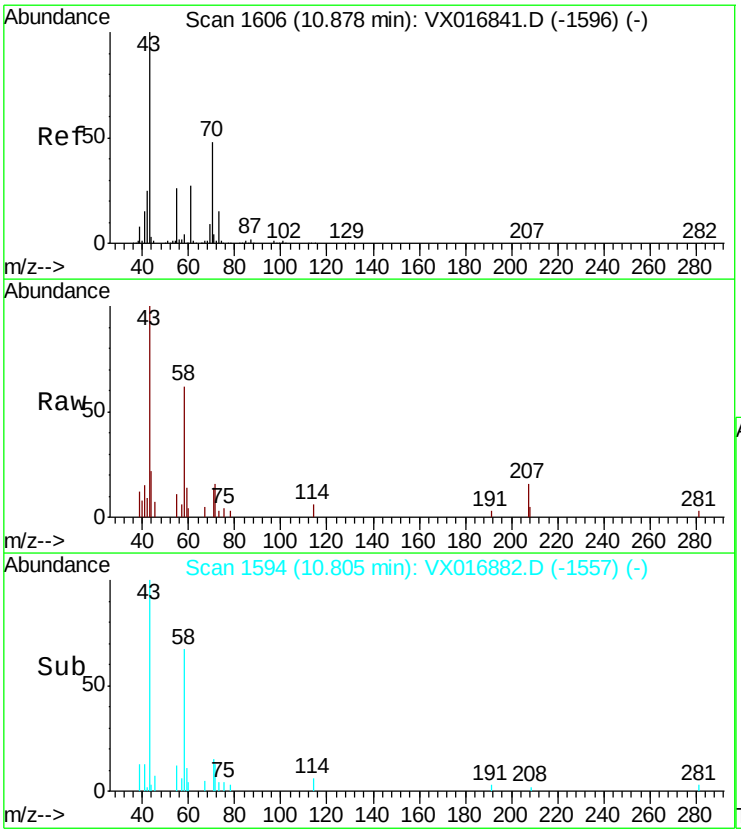
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion:152 Resp: 202148

Ion	Ratio	Lower	Upper
152	100		
115	57.8	40.9	122.8
150	155.9	0.0	344.2

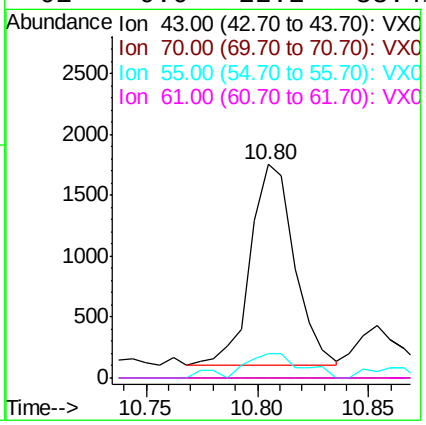


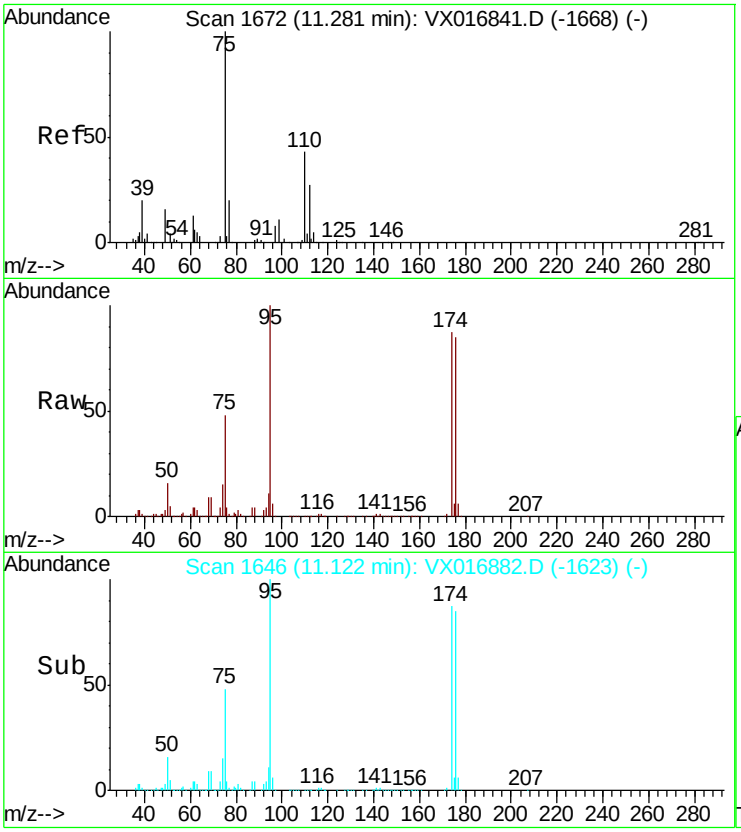


#74
N-amyl acetate
Concen: 0.505 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 43 Resp: 2296

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.9	59.9#
55	16.7	21.8	32.6#
61	0.0	22.2	33.4#



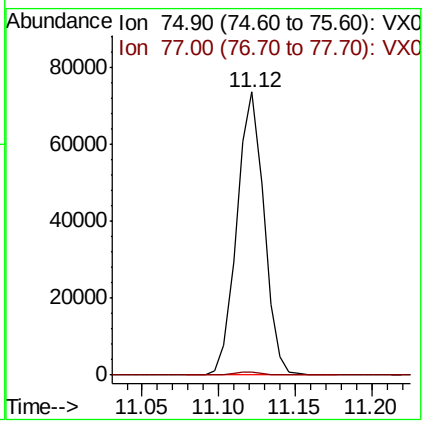


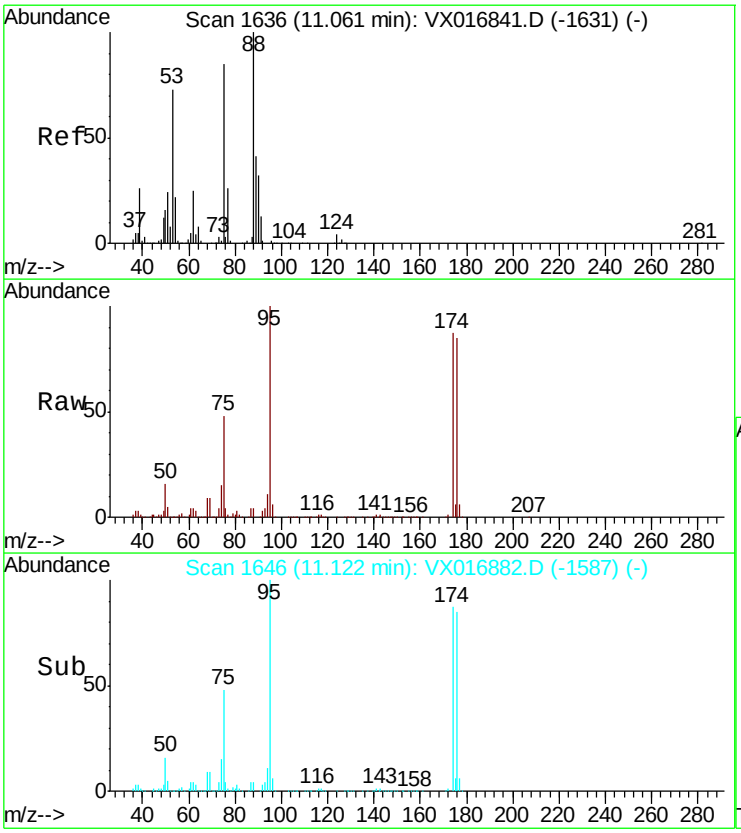
#76
1,2,3-Trichloropropane
Concen: 24.522 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Instrument :
MSVOA_X
ClientSampleId :
RO-6

Tgt Ion: 75 Resp: 90534

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.052 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016882.D
Acq: 19 Jun 2020 16:15

Tgt Ion: 75 Resp: 90534

Ion	Ratio	Lower	Upper
75	100		
53	0.2	69.8	104.8#
89	0.1	38.3	57.5#