Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Data File : VX002479.D
Acq On : 12 Jun 2018 20:51
Operator : JC/MD
Sample : J3406-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 13 01:28:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	197455	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	288349	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	268751	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148210	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	142563	50.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.06%				
35) Dibromofluoromethane	5.51	113	106151	46.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.62%				
50) Toluene-d8	8.72	98	418594	48.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.32%				
62) 4-Bromofluorobenzene	11.14	95	142862	42.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.26%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	516	Below Cal			90
4) Vinyl Chloride	1.40	62	2348	0.91	ug/l	#	78
5) Bromomethane	1.65	94	983	Below Cal		#	66
8) Diethyl Ether	2.17	74	80	Below Cal			88
10) Methyl Iodide	2.51	142	896	0.30	ug/l	#	71
11) Tert butyl alcohol	3.07	59	1267	Below Cal		#	93
13) Acrolein	2.29	56	391	Below Cal			88
15) Acrylonitrile	3.15	53	197	Below Cal		#	49
16) Acetone	2.45	43	14760	Below Cal			98
18) Methyl Acetate	2.78	43	656	Below Cal		#	79
19) Methyl tert-butyl Ether	3.23	73	49	Below Cal		#	70
20) Methylene Chloride	2.86	84	257	Below Cal		#	68
21) trans-1,2-Dichloroethene	3.17	96	3183	1.37	ug/l		98
22) Diisopropyl ether	3.89	45	102	Below Cal		#	44
25) 2-Butanone	4.71	43	2218	1.15	ug/l		96
27) cis-1,2-Dichloroethene	4.60	96	979	0.39	ug/l	#	1
28) Bromochloromethane	5.01	49	67	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	2085	1.67	ug/l	#	87
31) Cyclohexane	5.67	56	4611	1.29	ug/l	#	32
36) 1,1-Dichloropropene	5.67	75	14375	4.74	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	19448	6.13	ug/l	#	14
39) Methylcyclohexane	7.47	83	99	0.29	ug/l	#	89
43) Isopropyl Acetate	6.48	43	1850	0.30	ug/l	#	63
49) 1,4-Dioxane	7.70	88	26	0.45	ug/l	#	1
52) Toluene	8.79	92	2990	0.51	ug/l		93
74) N-amyl acetate	6.48	43	1850	0.33	ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	77573	23.85	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	77573	83.61	ug/l	#	7

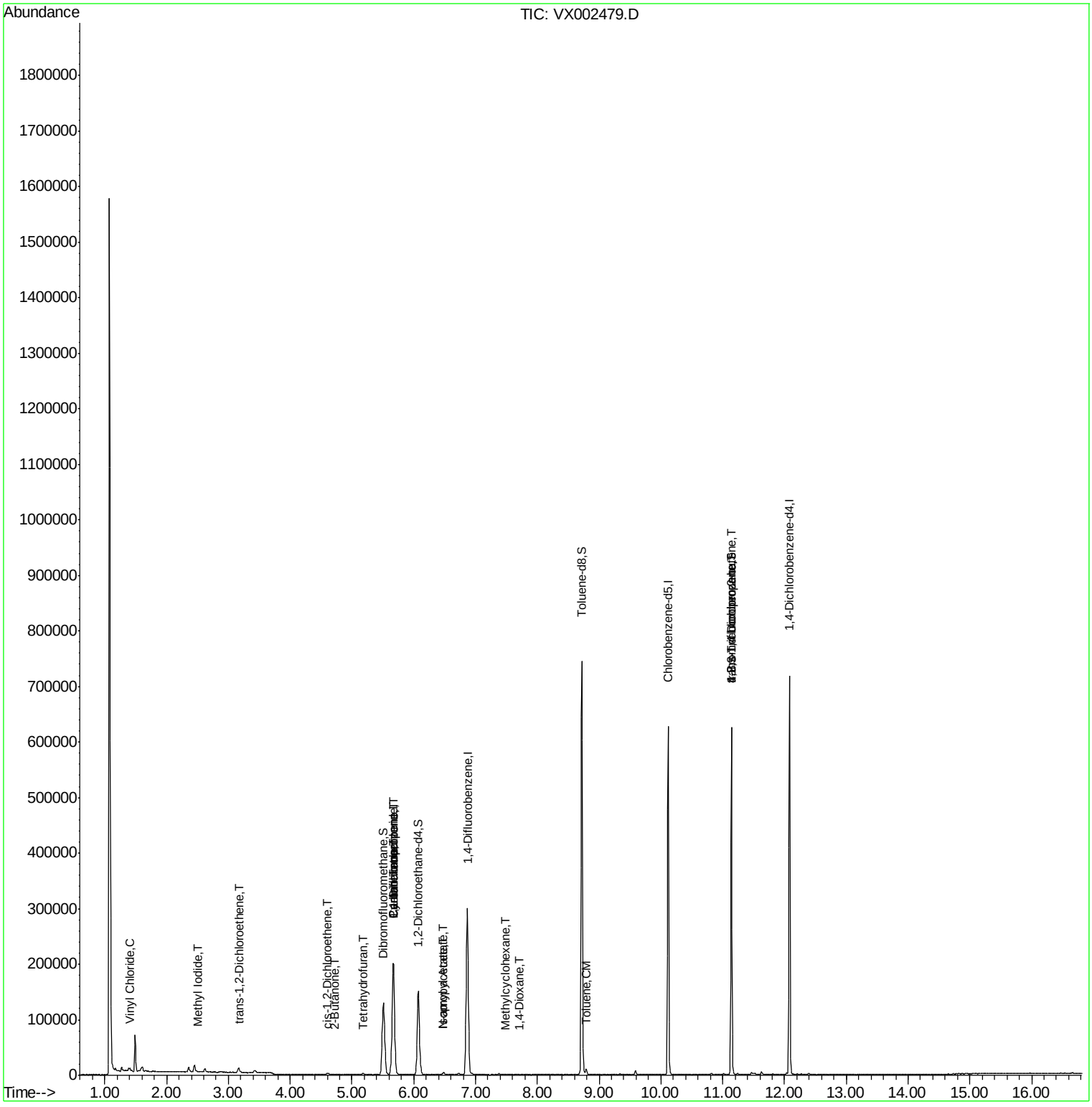
(#) = qualifier out of range (m) = manual integration (+) = signals summed

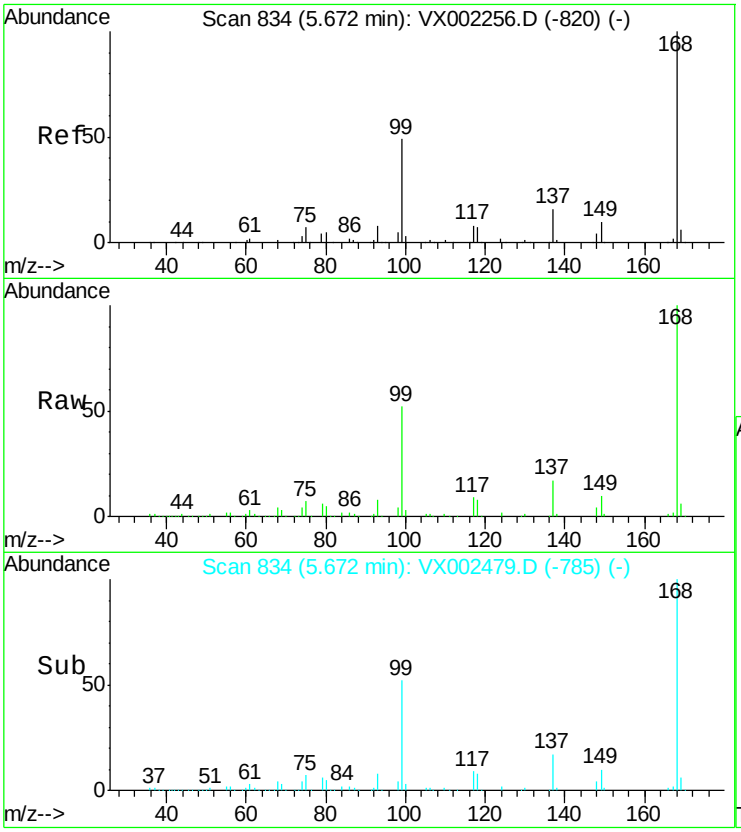
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Data File : VX002479.D
Acq On : 12 Jun 2018 20:51
Operator : JC/MD
Sample : J3406-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 01:28:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



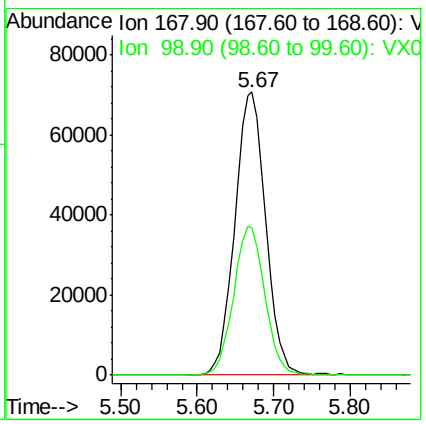


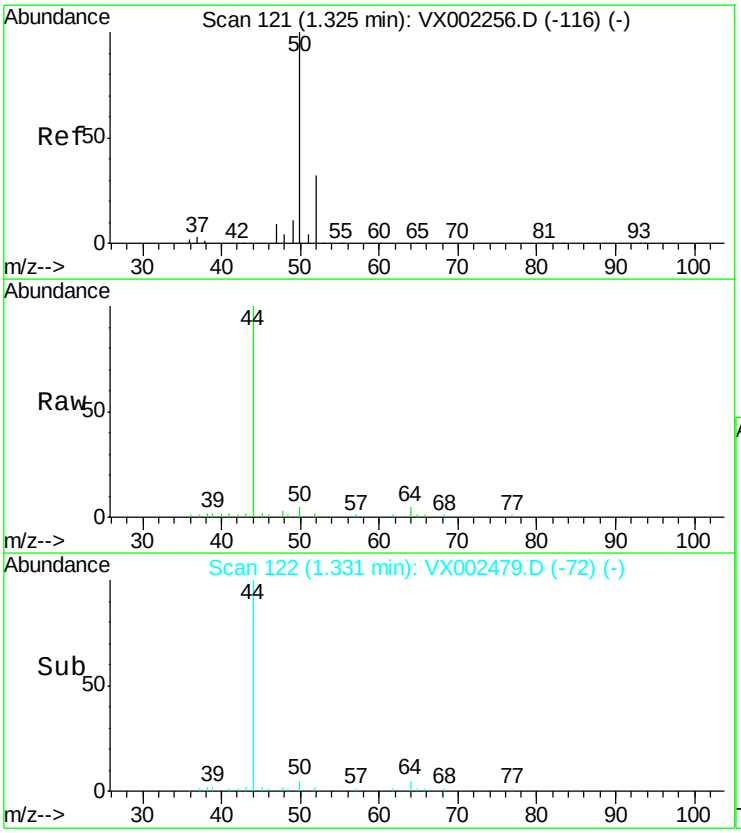
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 197455

Ion	Ratio	Lower	Upper
168	100		
99	52.0	39.3	58.9

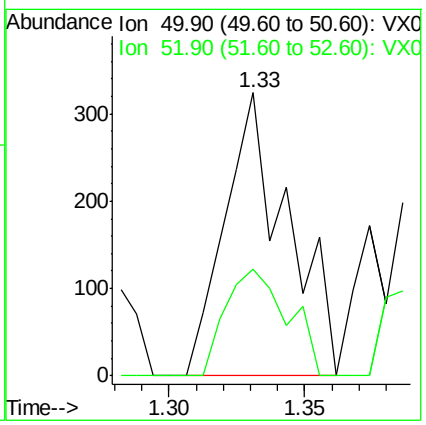


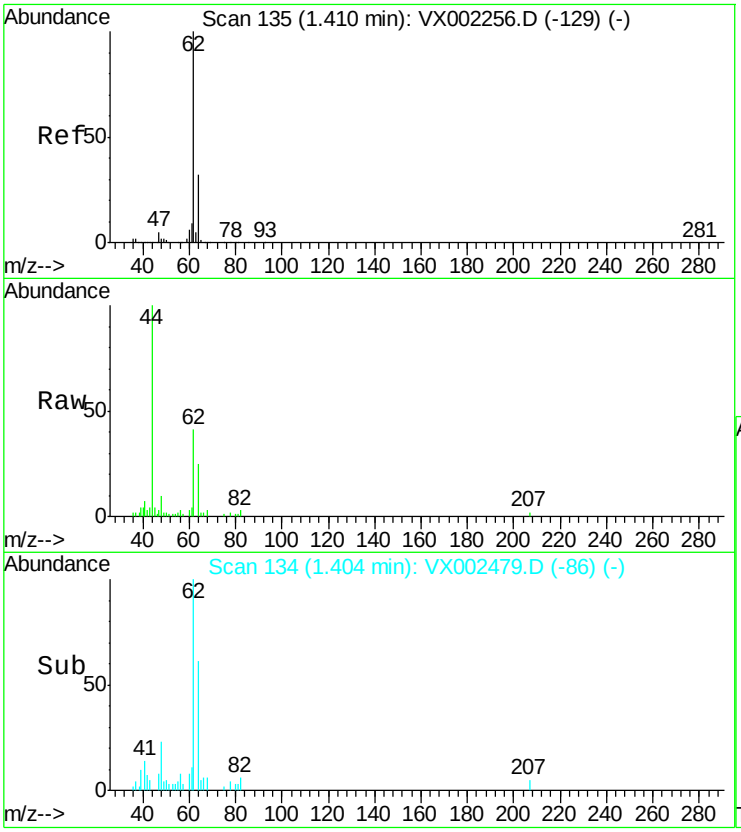


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 50 Resp: 516

Ion	Ratio	Lower	Upper
50	100		
52	37.7	25.7	38.5



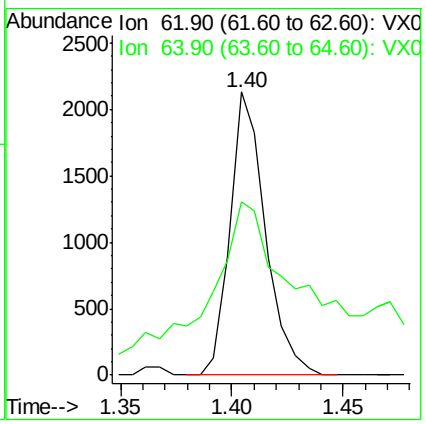


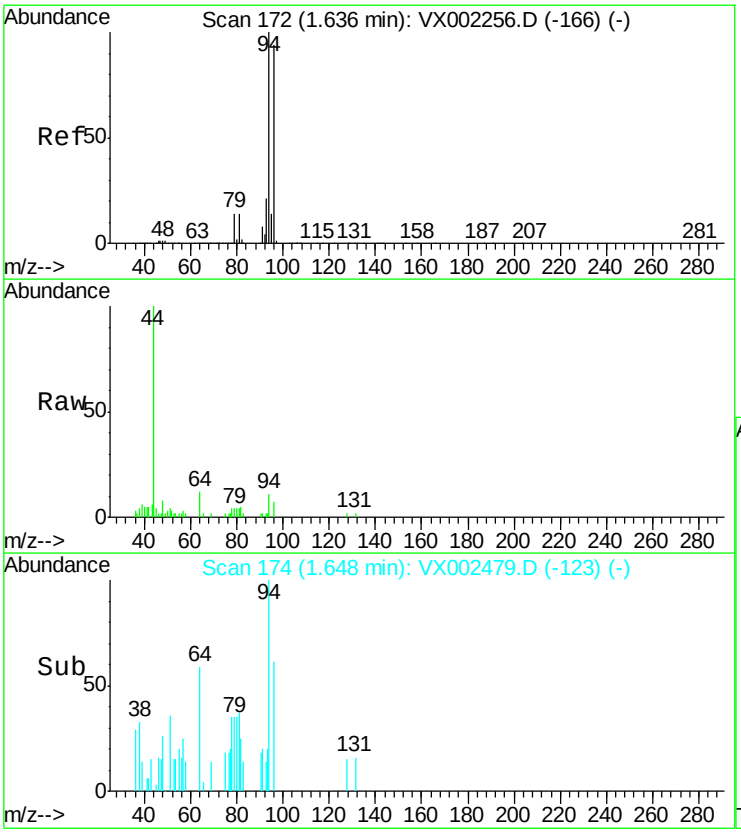
#4
Vinyl Chloride
Concen: 0.91 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 2348

Ion	Ratio	Lower	Upper
62	100		
64	43.8	25.4	38.2#

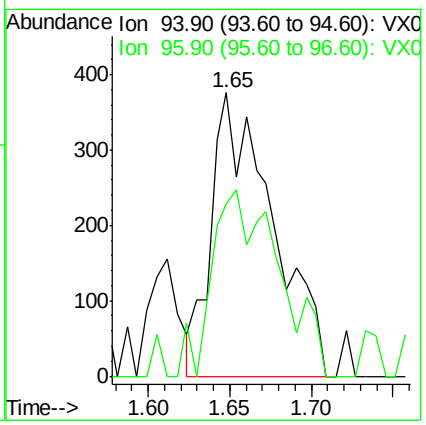


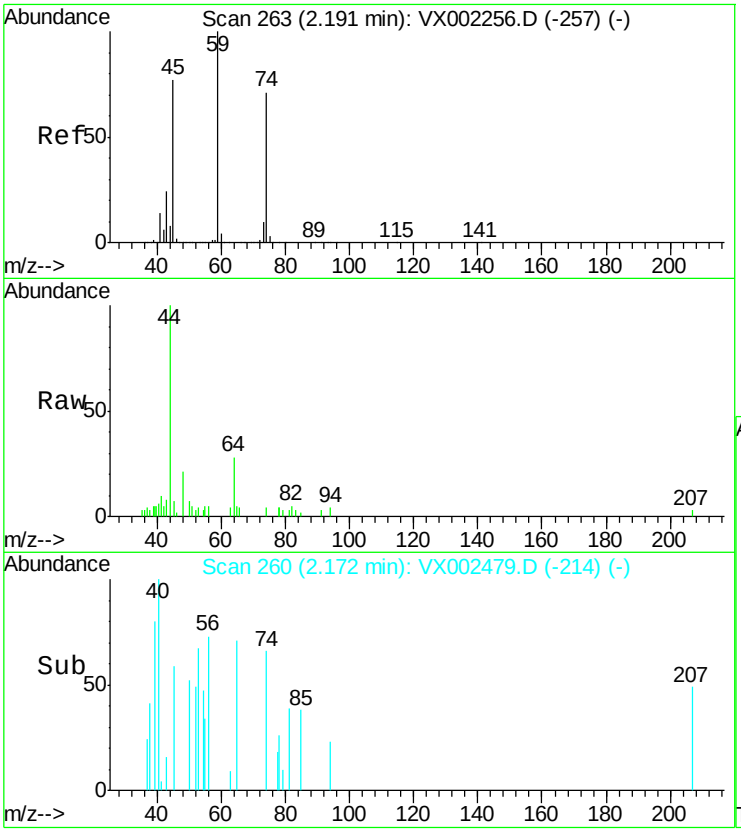


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 94 Resp: 983

Ion	Ratio	Lower	Upper
94	100		
96	60.6	74.9	112.3#



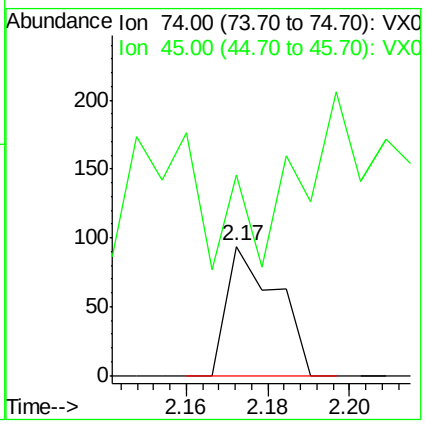


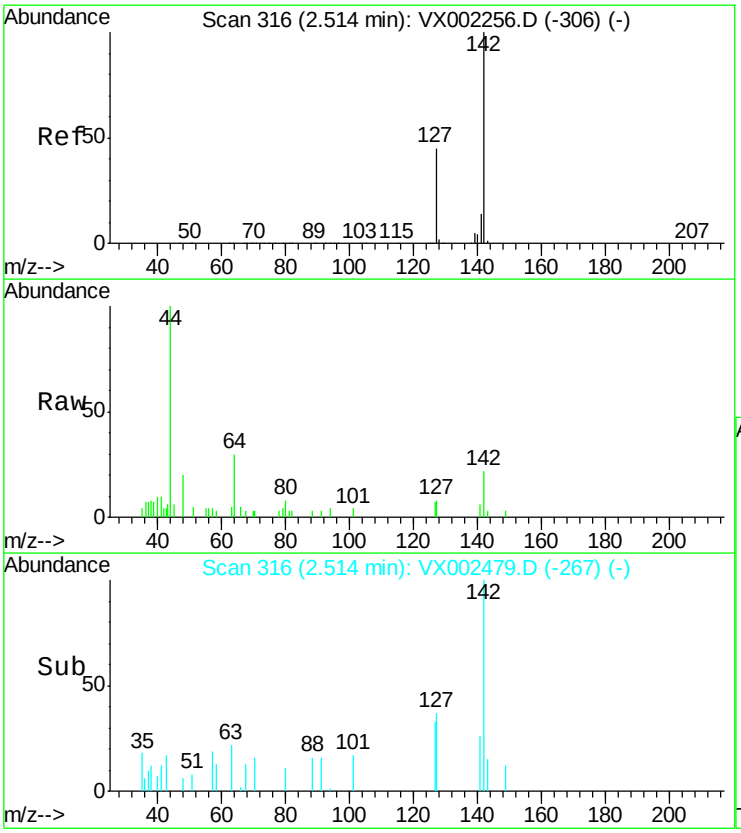
#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 260
Delta R.T. -0.02 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 80

Ion	Ratio	Lower	Upper
74	100		
45	118.8	53.1	159.4

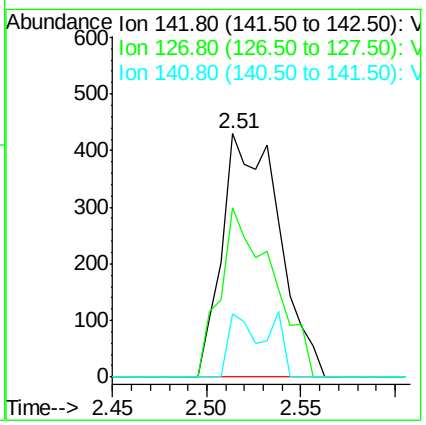


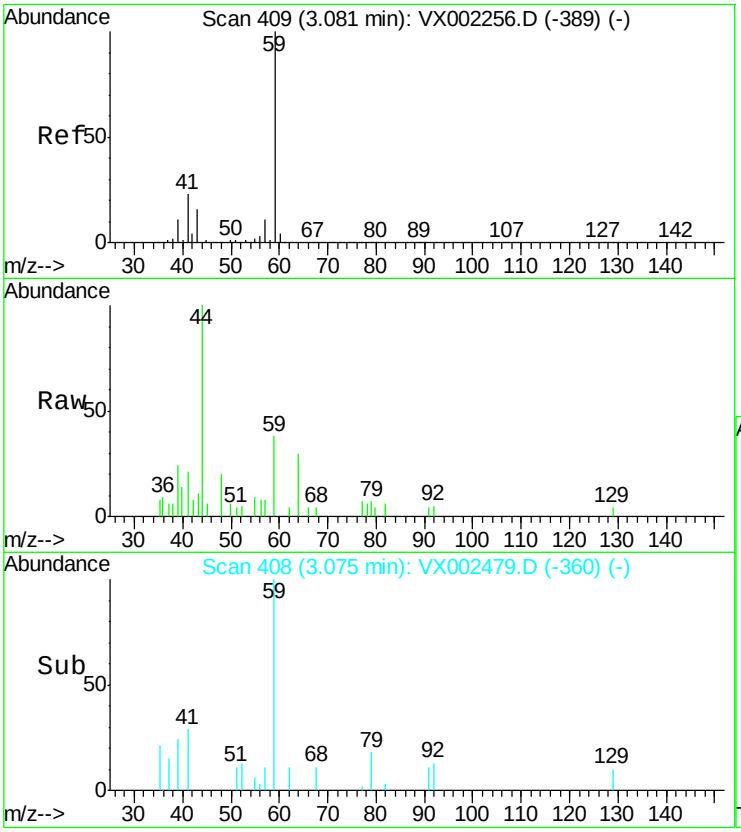


#10
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion:142 Resp: 896

Ion	Ratio	Lower	Upper
142	100		
127	64.2	36.6	55.0#
141	0.0	11.3	16.9#



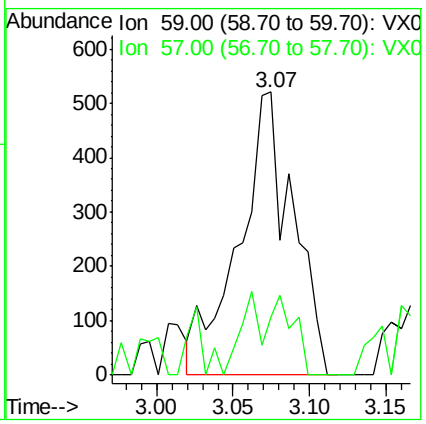


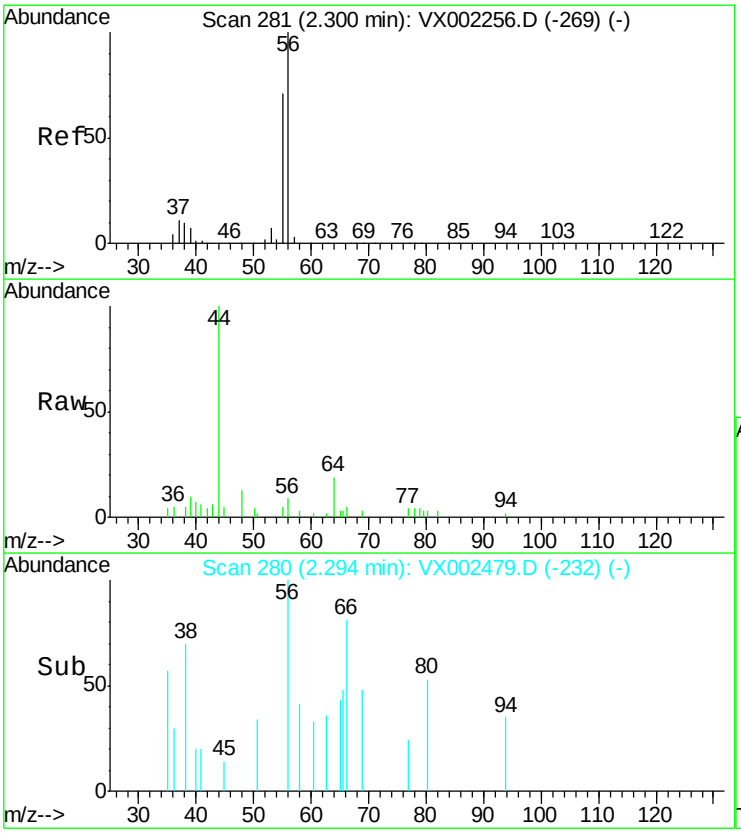
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1267

Ion	Ratio	Lower	Upper
59	100		
57	12.8	8.2	12.2#

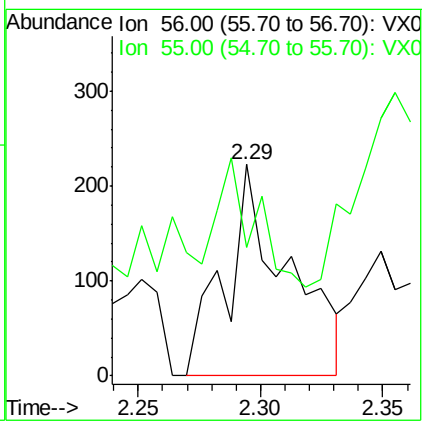


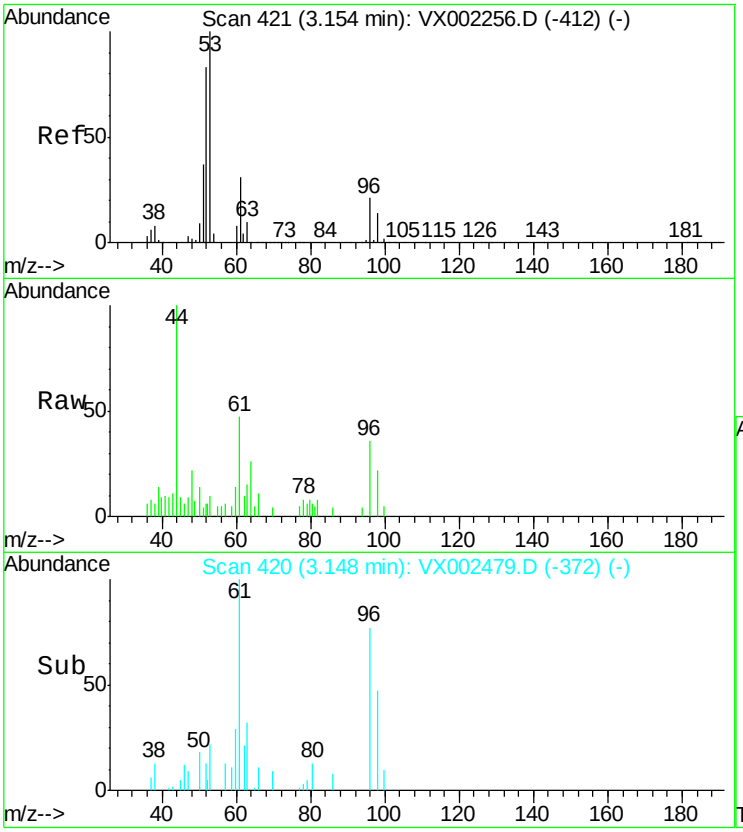


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 56 Resp: 391

Ion	Ratio	Lower	Upper
56	100		
55	61.6	57.0	85.4



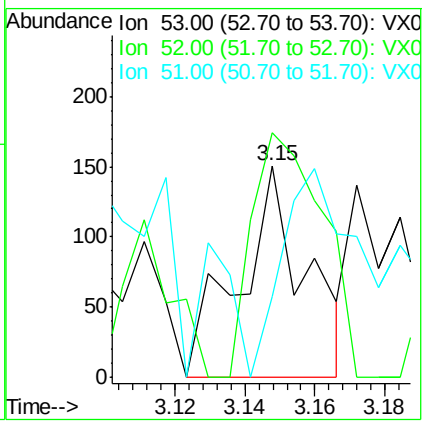


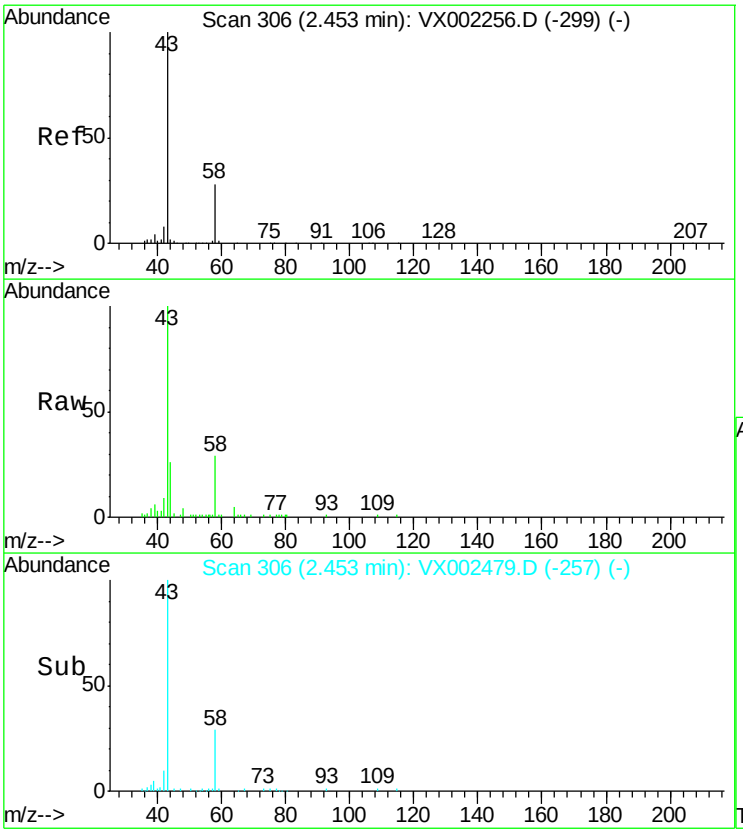
#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 197

Ion	Ratio	Lower	Upper
53	100		
52	124.9	66.7	100.1#
51	0.0	29.9	44.9#

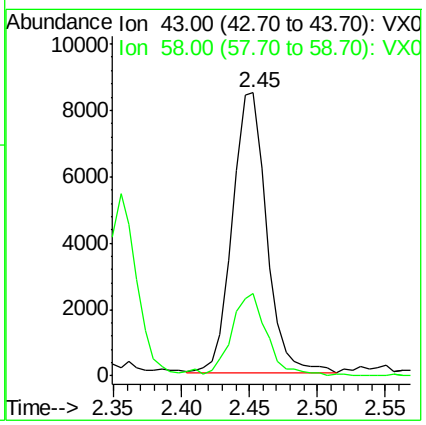


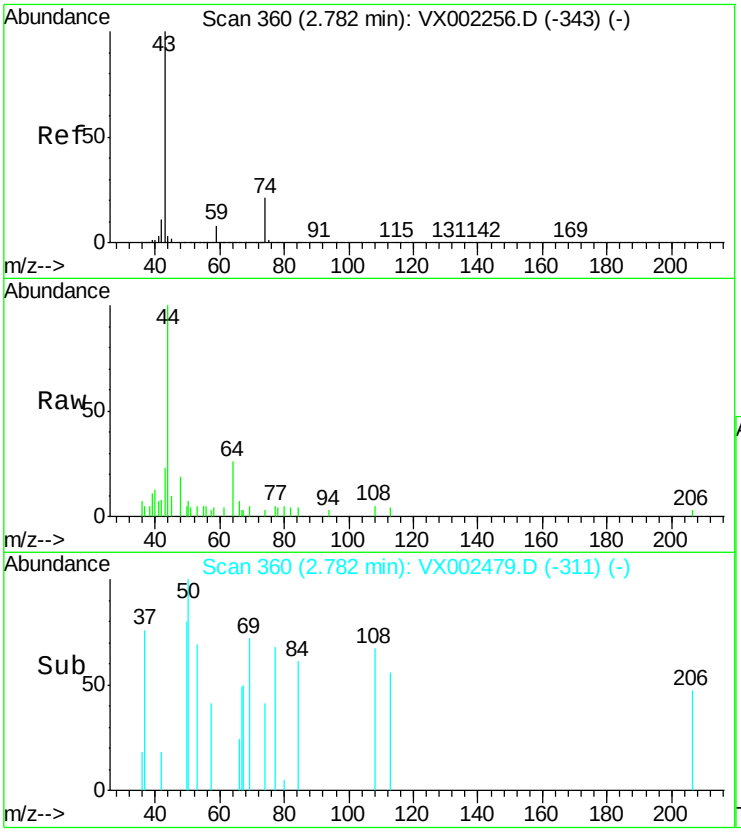


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 43 Resp: 14760

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.1	33.1



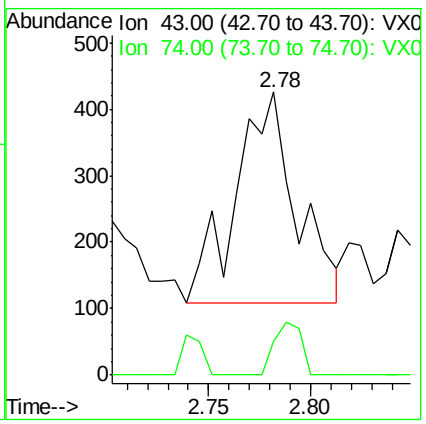


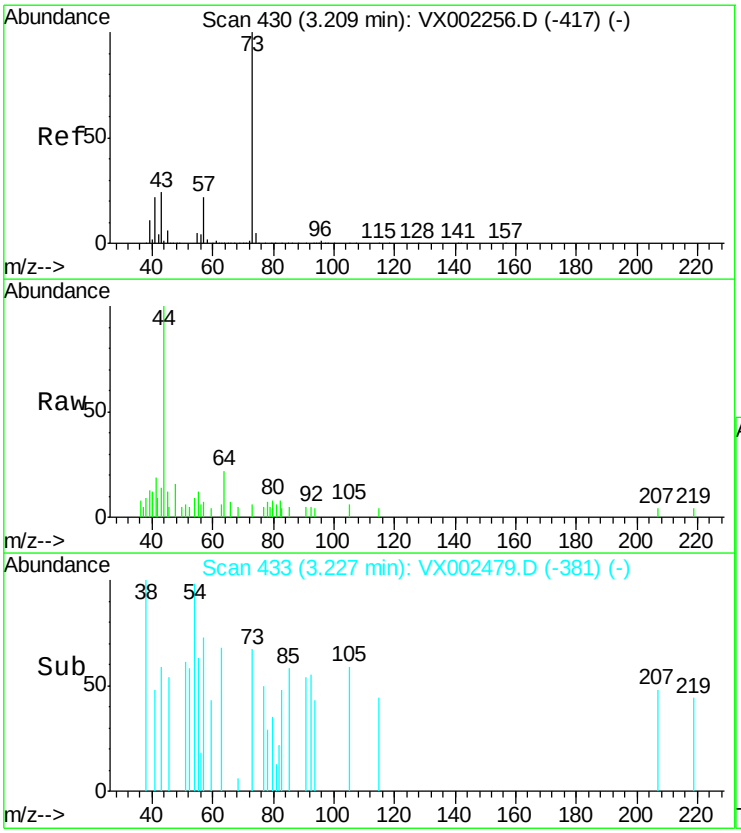
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 656

Ion	Ratio	Lower	Upper
43	100		
74	11.1	16.7	25.1#

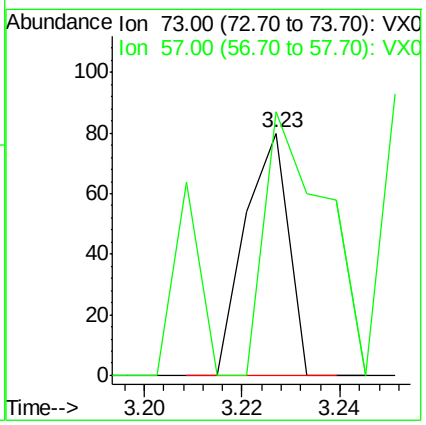


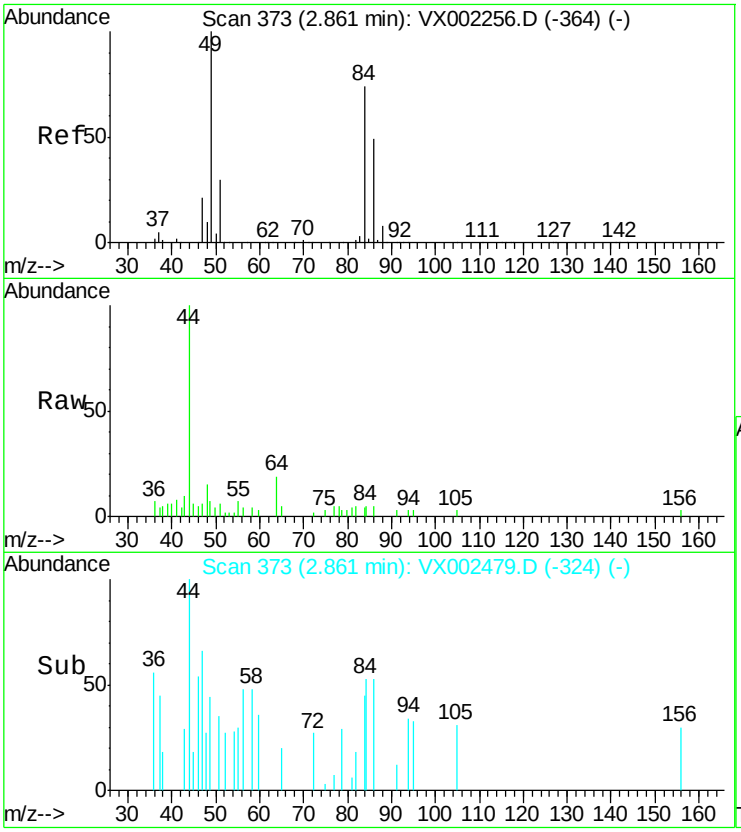


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 433
Delta R.T. 0.02 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 73 Resp: 49

Ion	Ratio	Lower	Upper
73	100		
57	36.3	17.7	26.5#



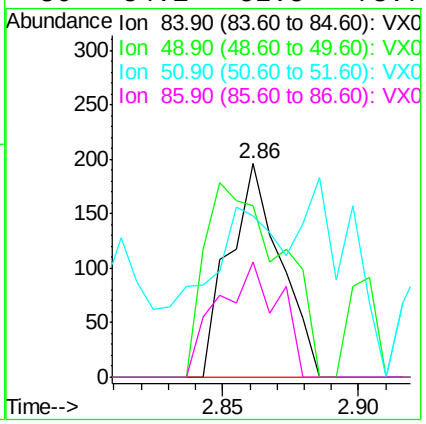


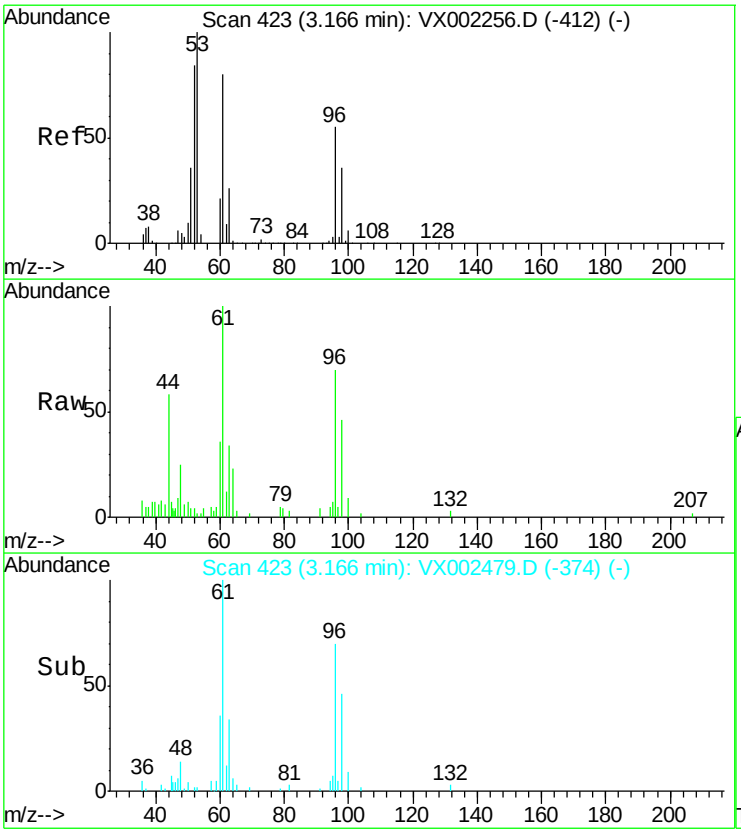
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 257

Ion	Ratio	Lower	Upper
84	100		
49	80.6	107.8	161.6#
51	32.7	32.8	49.2#
86	54.1	52.5	78.7

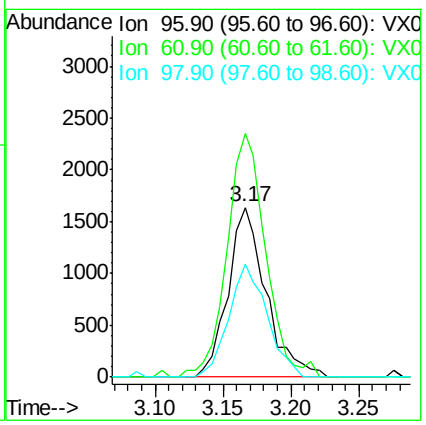


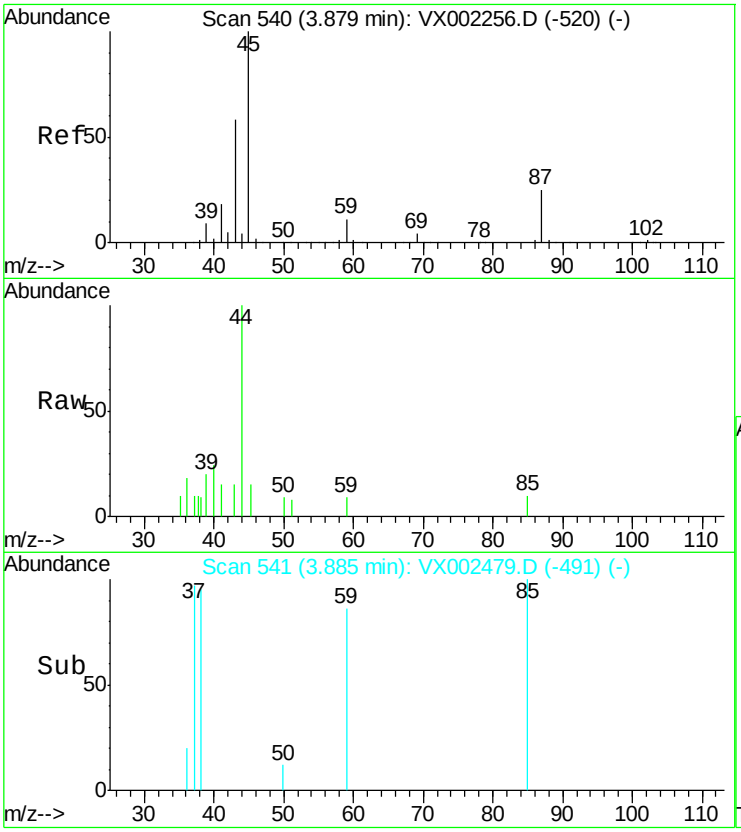


#21
trans-1,2-Dichloroethene
Concen: 1.37 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 96 Resp: 3183

Ion	Ratio	Lower	Upper
96	100		
61	143.3	117.0	175.4
98	66.4	52.4	78.6



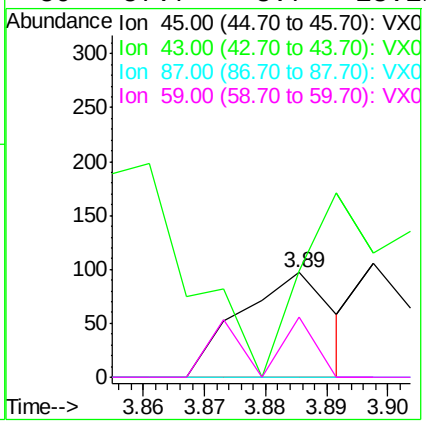


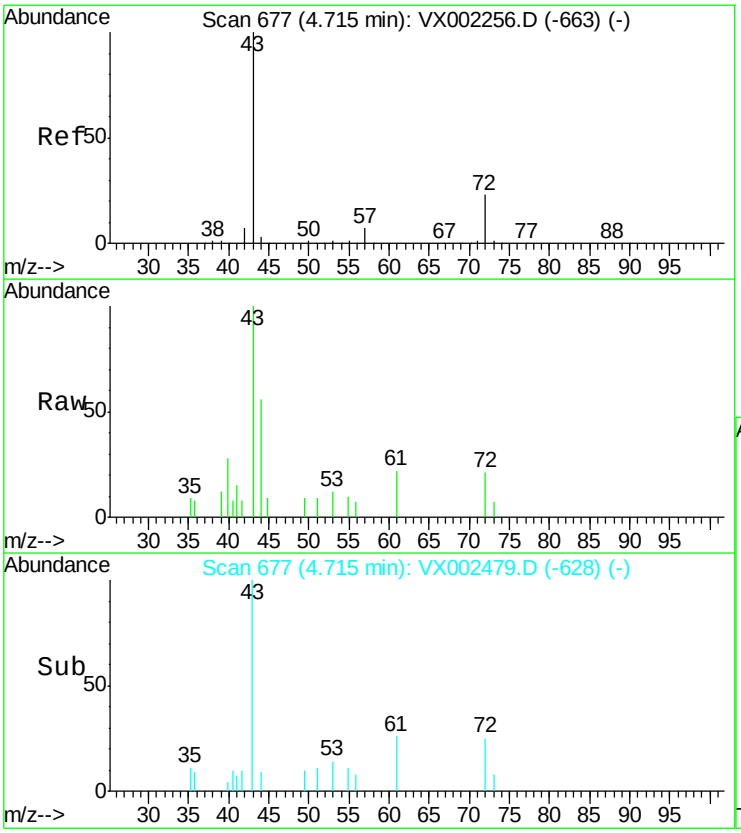
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 102

Ion	Ratio	Lower	Upper
45	100		
43	24.7	46.8	70.2#
87	0.0	20.2	30.4#
59	57.7	8.7	13.1#

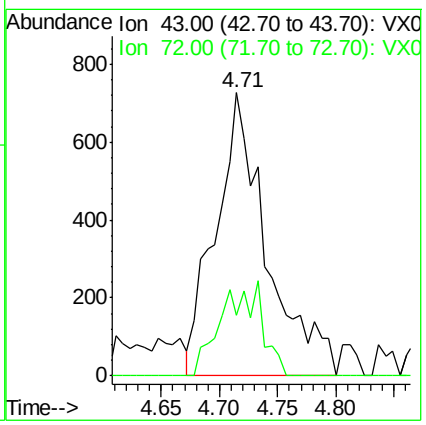


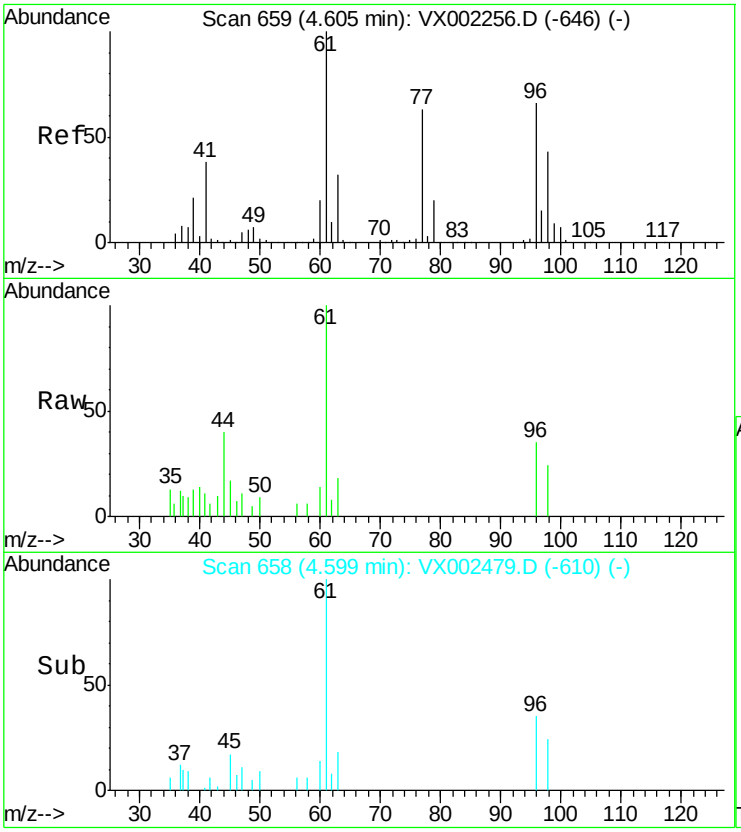


#25
2-Butanone
Concen: 1.15 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 43 Resp: 2218

Ion	Ratio	Lower	Upper
43	100		
72	21.3	18.5	27.7



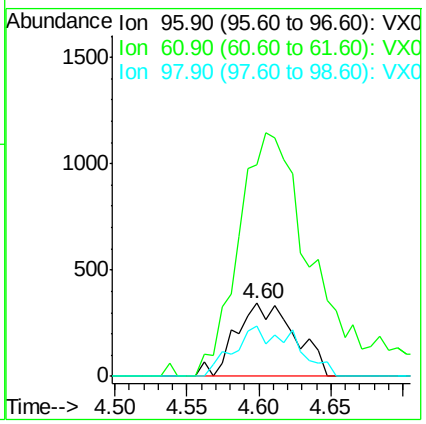


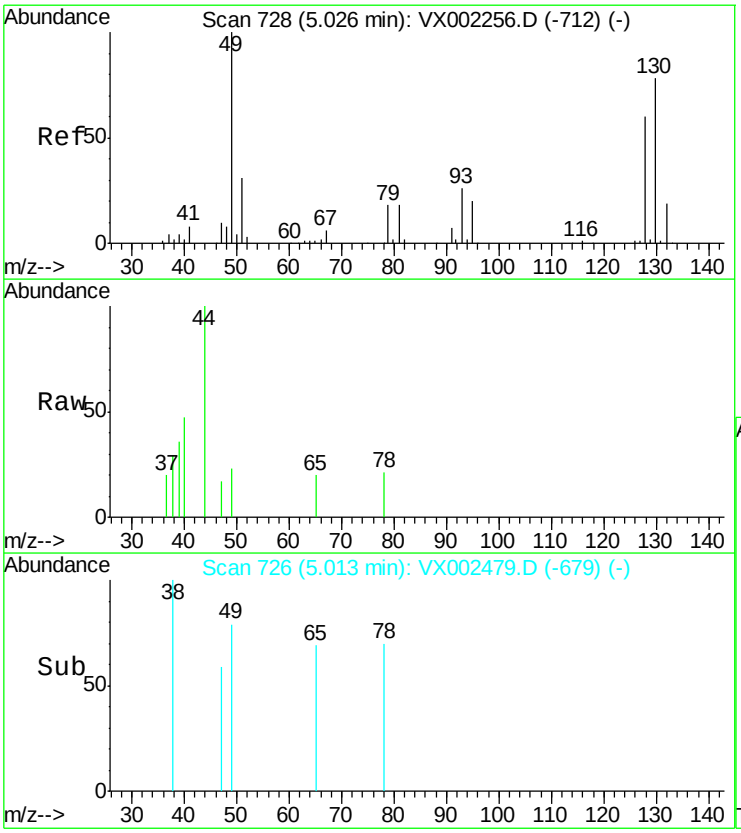
#27
cis-1,2-Dichloroethene
Concen: 0.39 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 979

Ion	Ratio	Lower	Upper
96	100		
61	403.8	0.0	330.2#
98	71.3	0.0	130.2

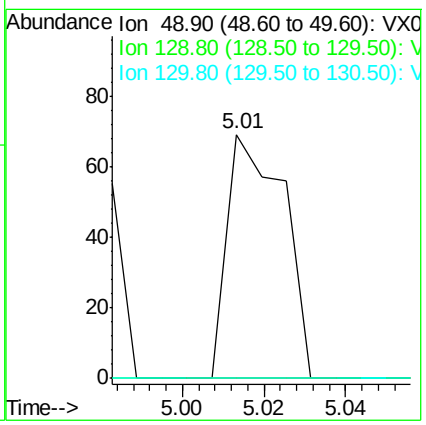


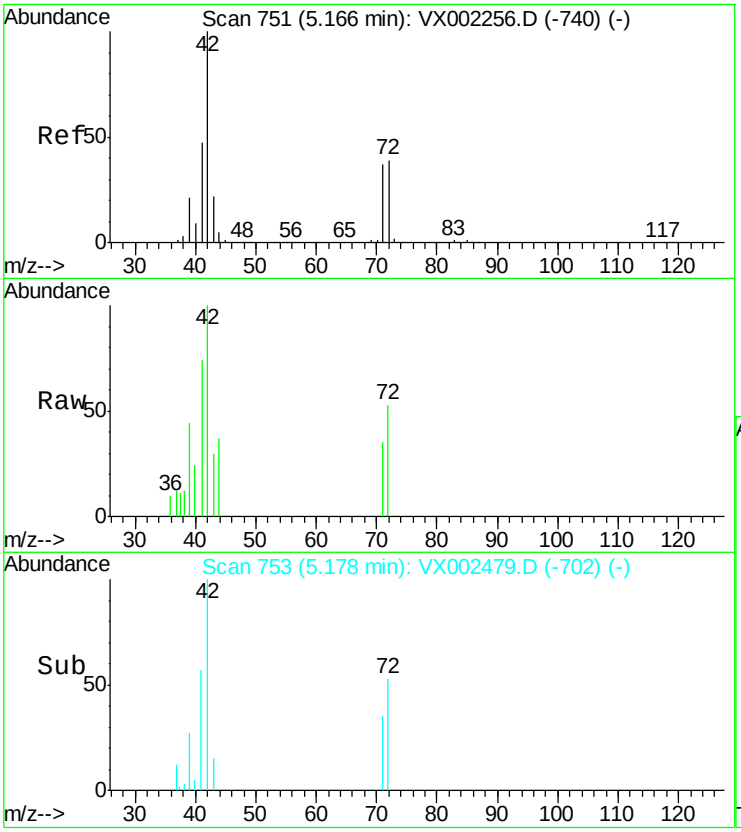


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 49 Resp: 67

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	61.2	91.8#



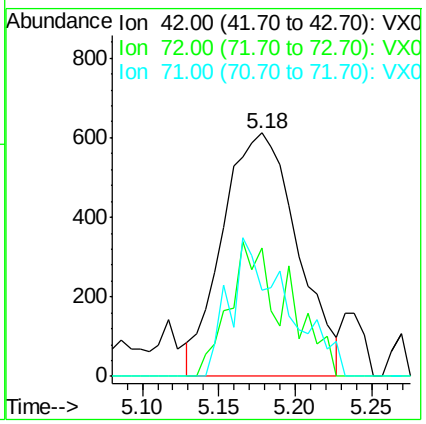


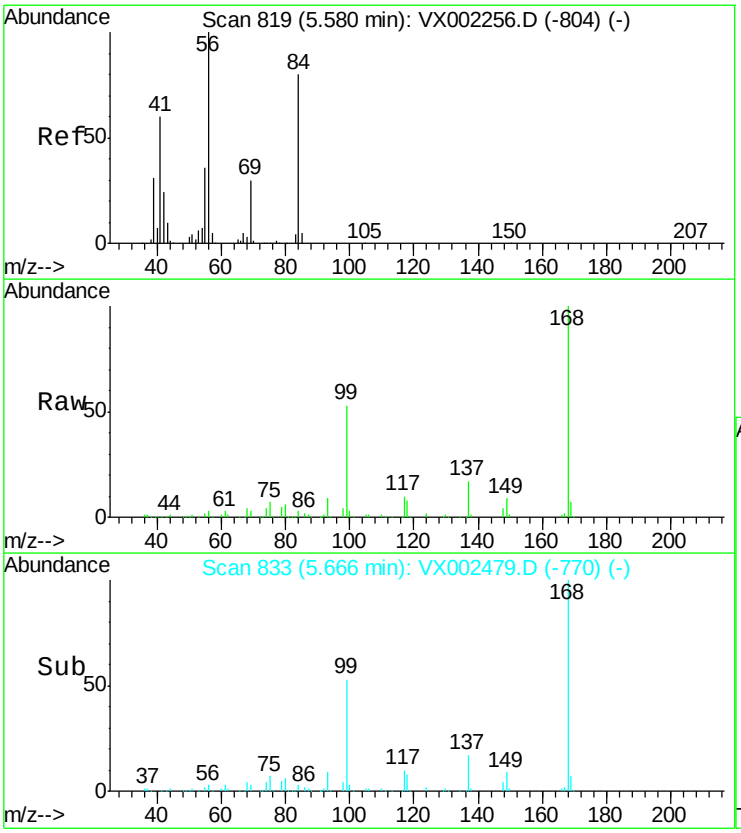
#29
Tetrahydrofuran
Concen: 1.67 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 2085

Ion	Ratio	Lower	Upper
42	100		
72	29.8	32.0	48.0#
71	43.3	30.1	45.1

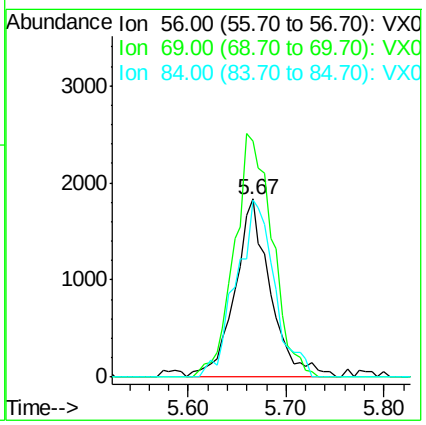


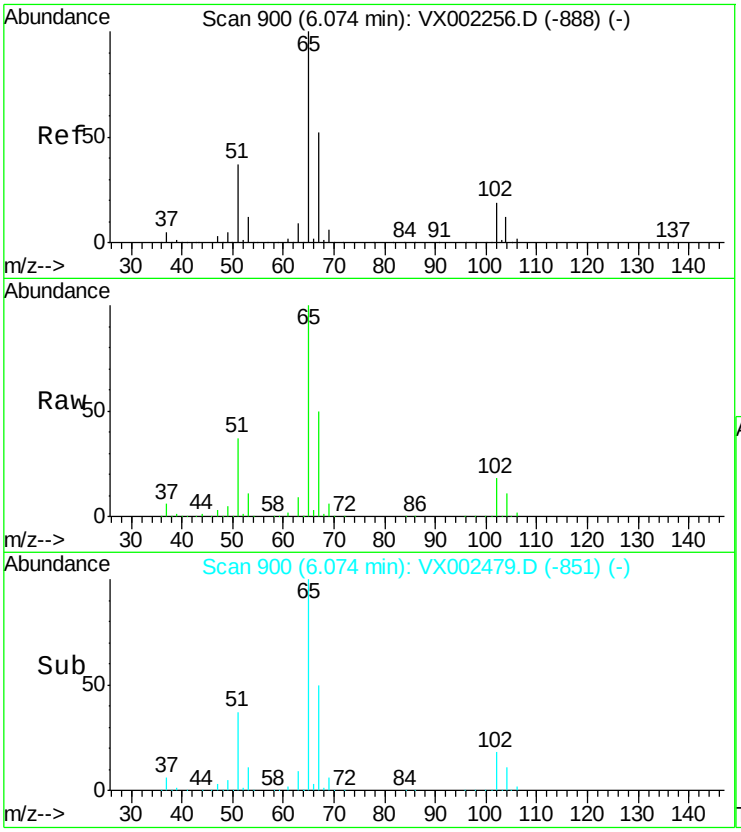


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 56 Resp: 4611

Ion	Ratio	Lower	Upper
56	100		
69	132.7	23.7	35.5#
84	99.8	64.1	96.1#



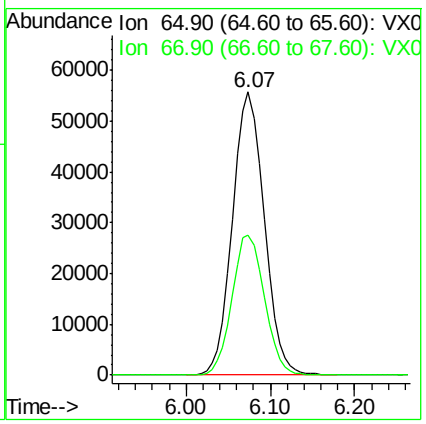


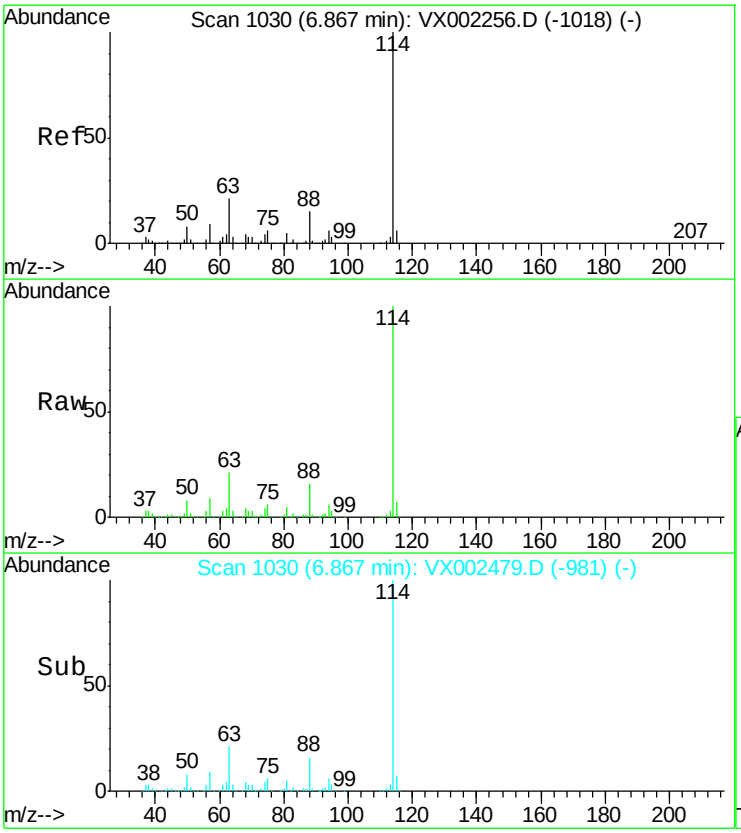
#33
1,2-Dichloroethane-d4
Concen: 50.53 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 142563

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6

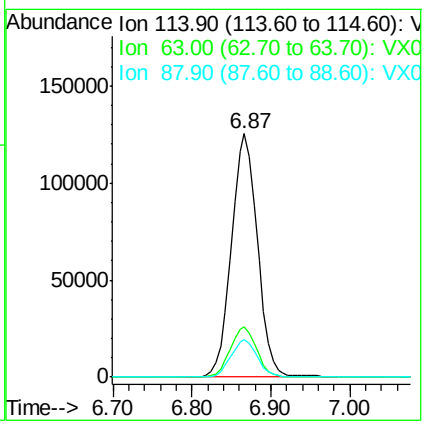


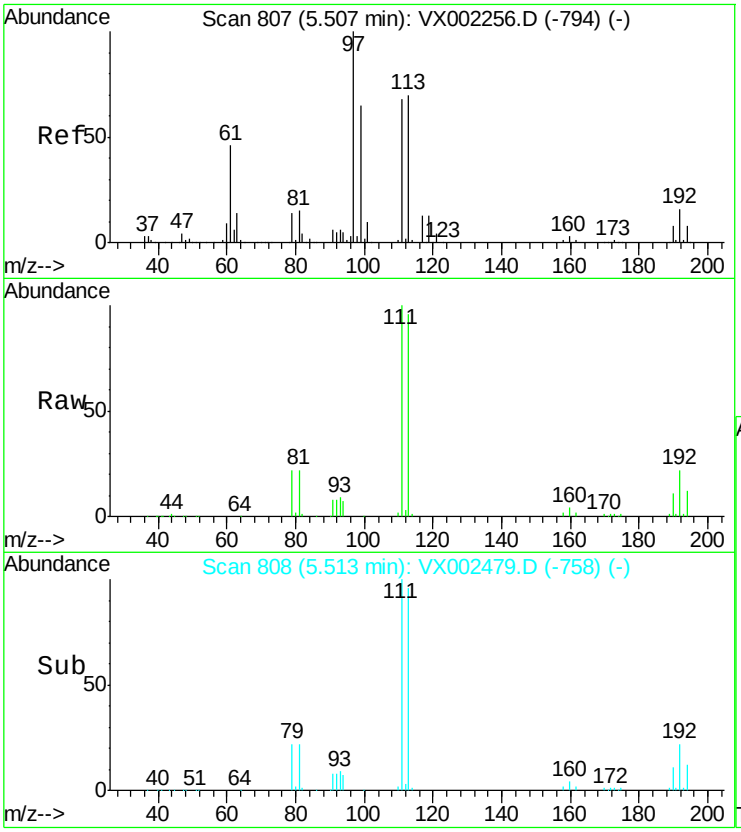


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion:114 Resp: 288349

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.6	0.0	30.0



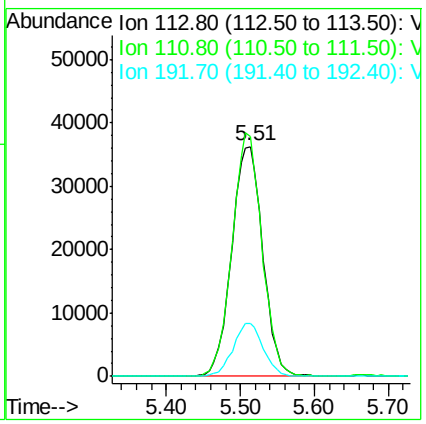


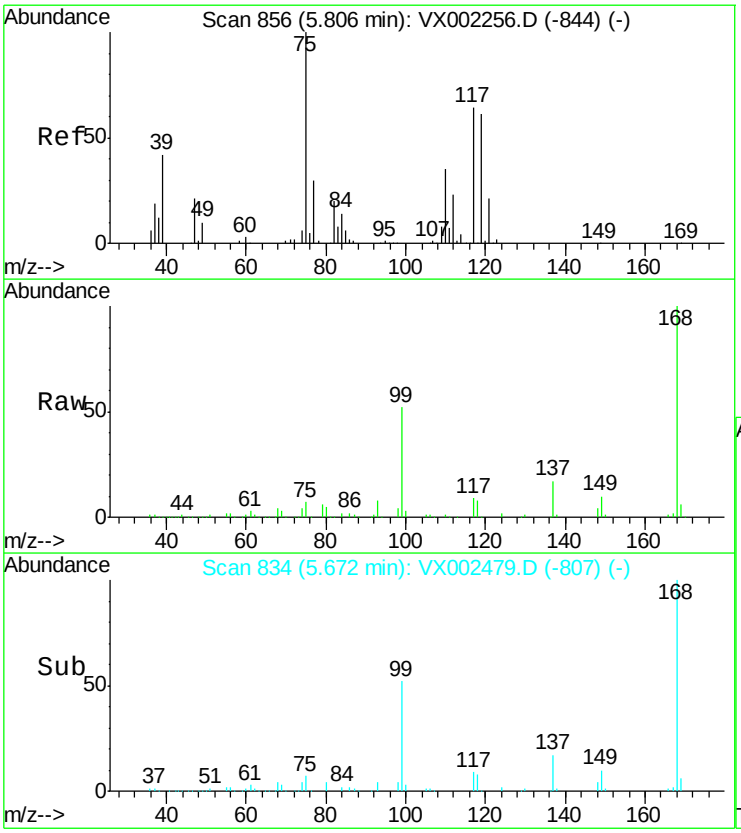
#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 106151

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	22.2	19.1	28.7

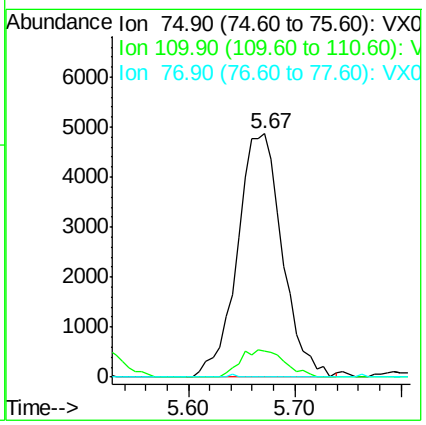


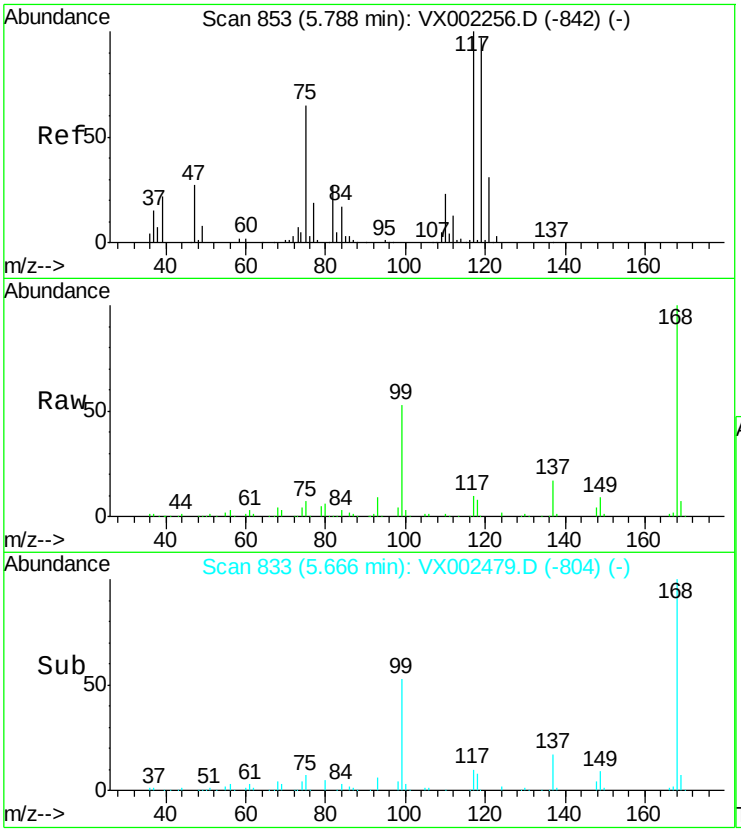


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 75 Resp: 14375

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.0	24.3	36.5#



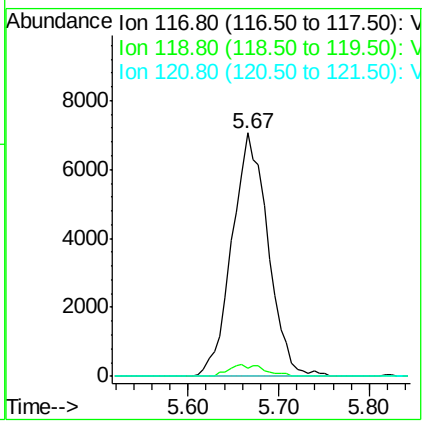


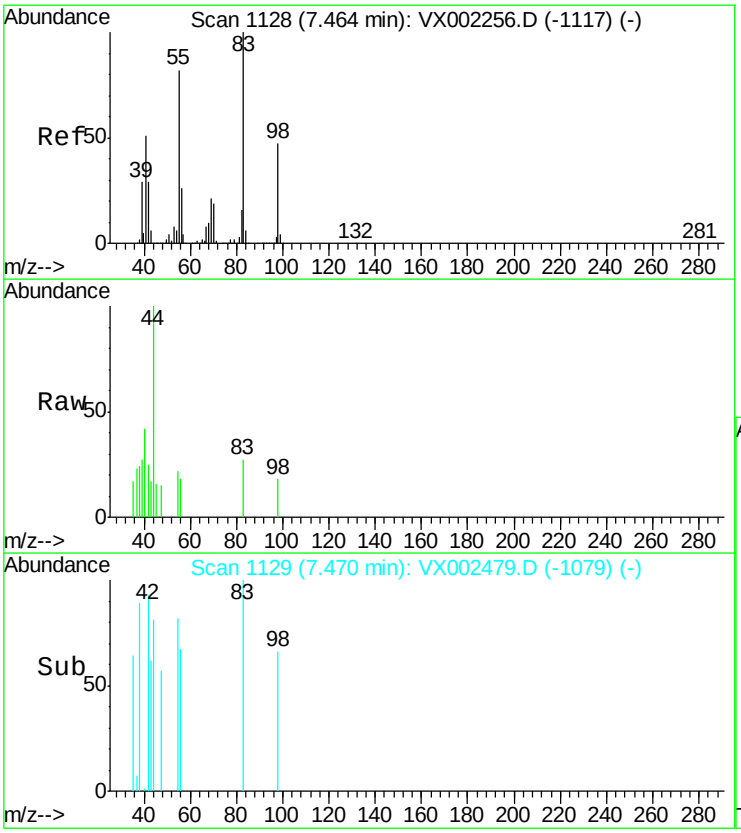
#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19448

Ion	Ratio	Lower	Upper
117	100		
119	3.2	77.4	116.0#
121	0.0	24.4	36.6#

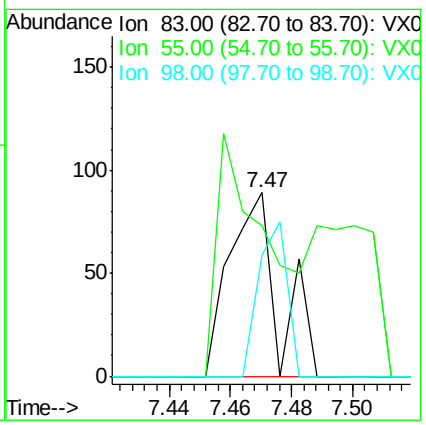


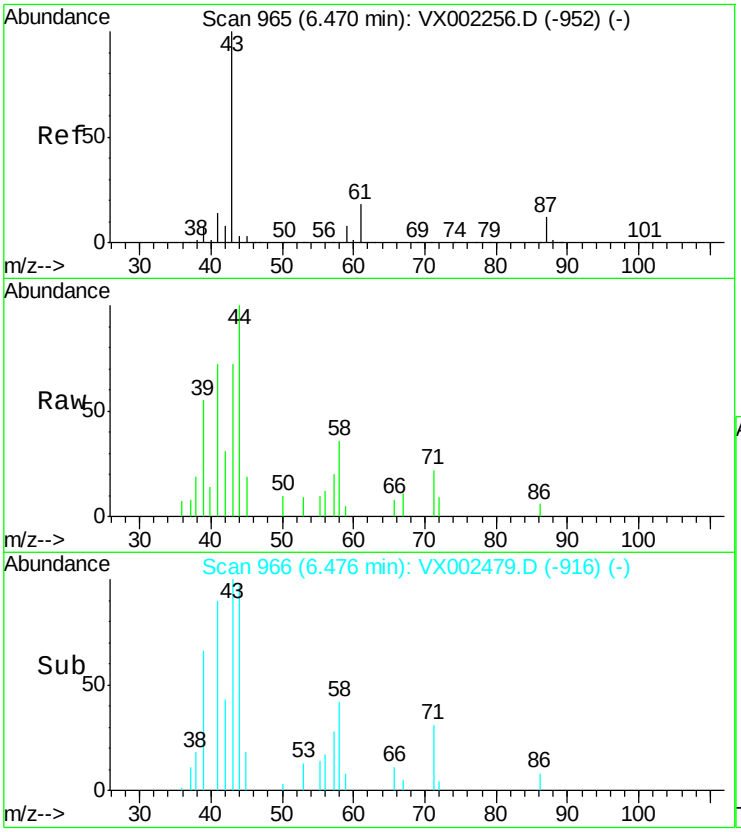


#39
Methylcyclohexane
Concen: 0.29 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 83 Resp: 99

Ion	Ratio	Lower	Upper
83	100		
55	82.0	65.4	98.0
98	66.3	37.4	56.0#



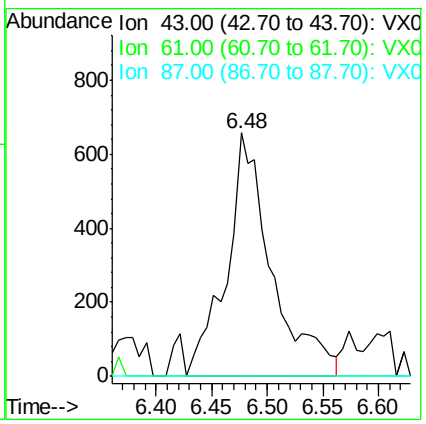


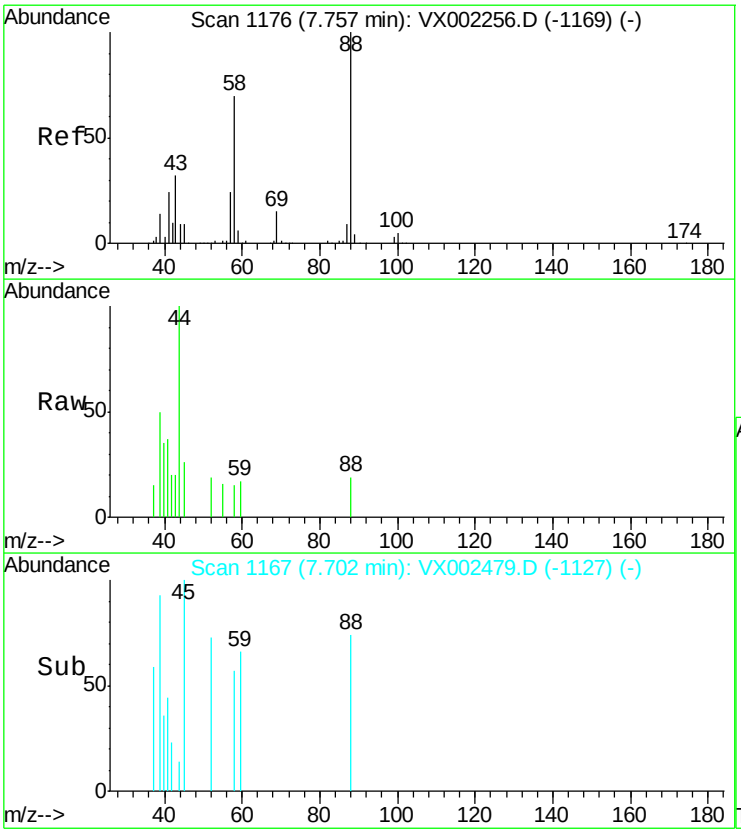
#43
Isopropyl Acetate
Concen: 0.30 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1850

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.4	21.6#
87	0.0	9.5	14.3#

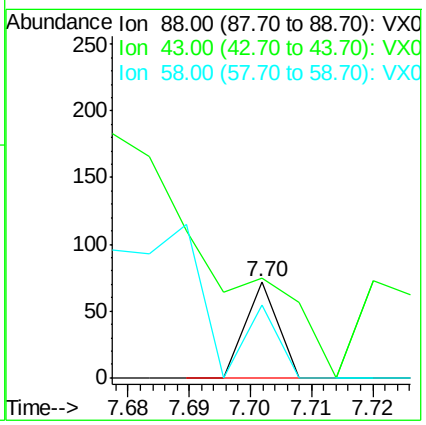


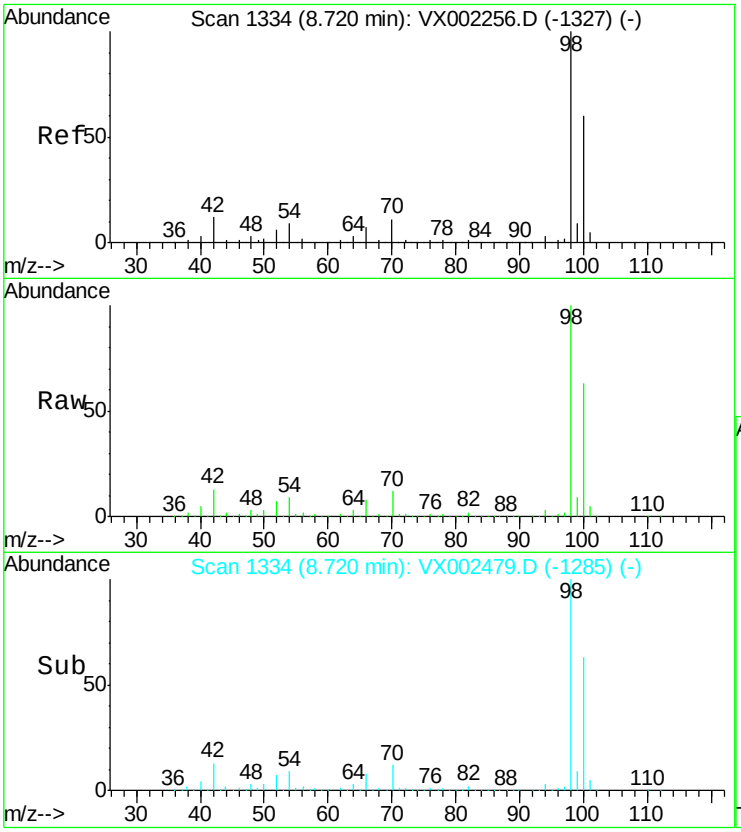


#49
1,4-Dioxane
Concen: 0.45 ug/l
RT: 7.70 min Scan# 1167
Delta R.T. -0.05 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	188.5	29.8	44.6#
58	0.0	57.1	85.7#



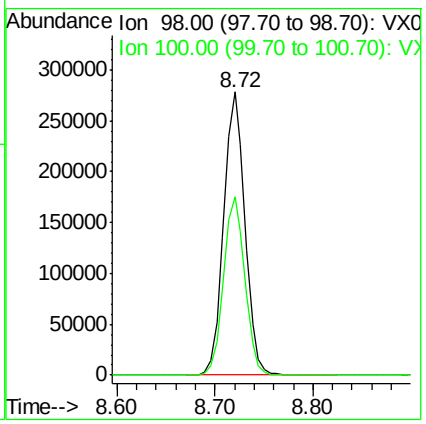


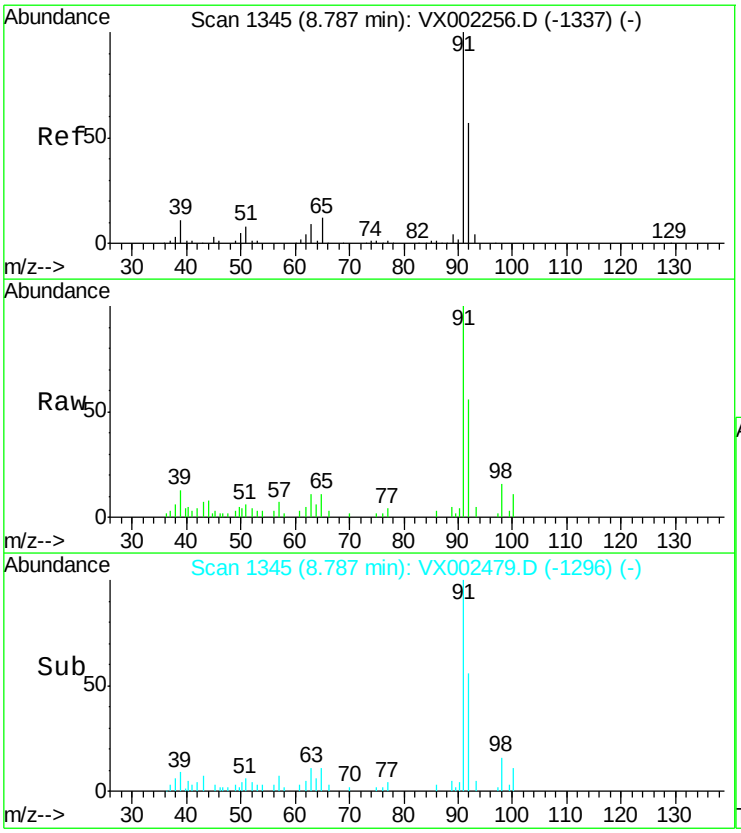
#50
Toluene-d8
Concen: 48.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 418594

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3

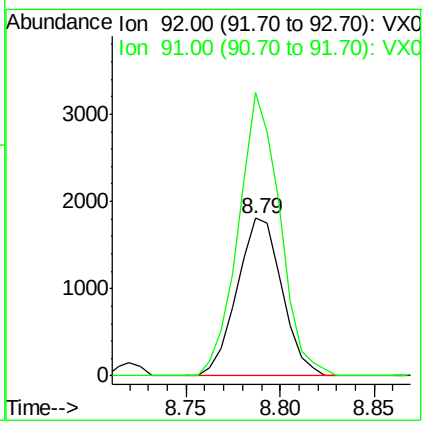


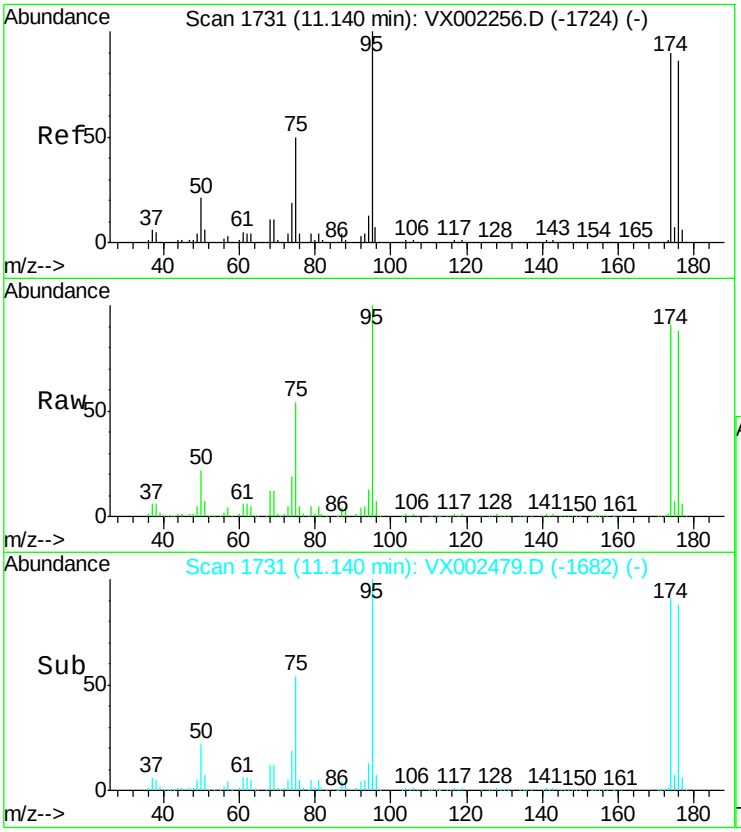


#52
Toluene
Concen: 0.51 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 92 Resp: 2990

Ion	Ratio	Lower	Upper
92	100		
91	165.5	140.4	210.6



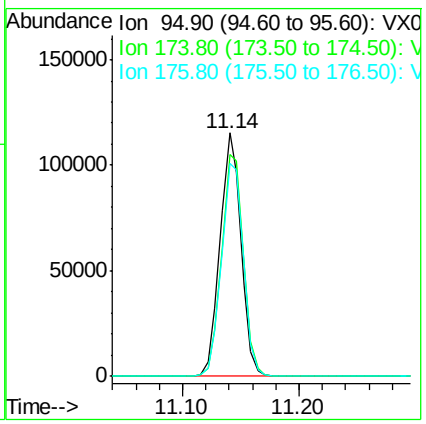


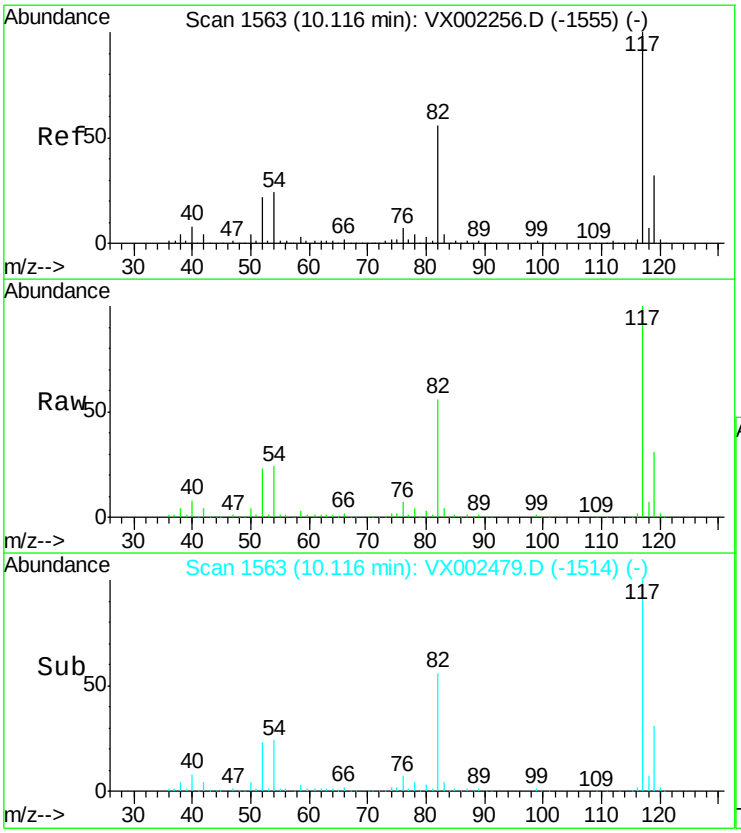
#62
4-Bromofluorobenzene
Concen: 42.63 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 142862

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	91.9	0.0	181.0

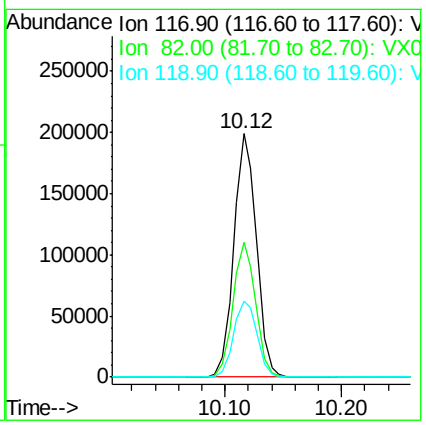


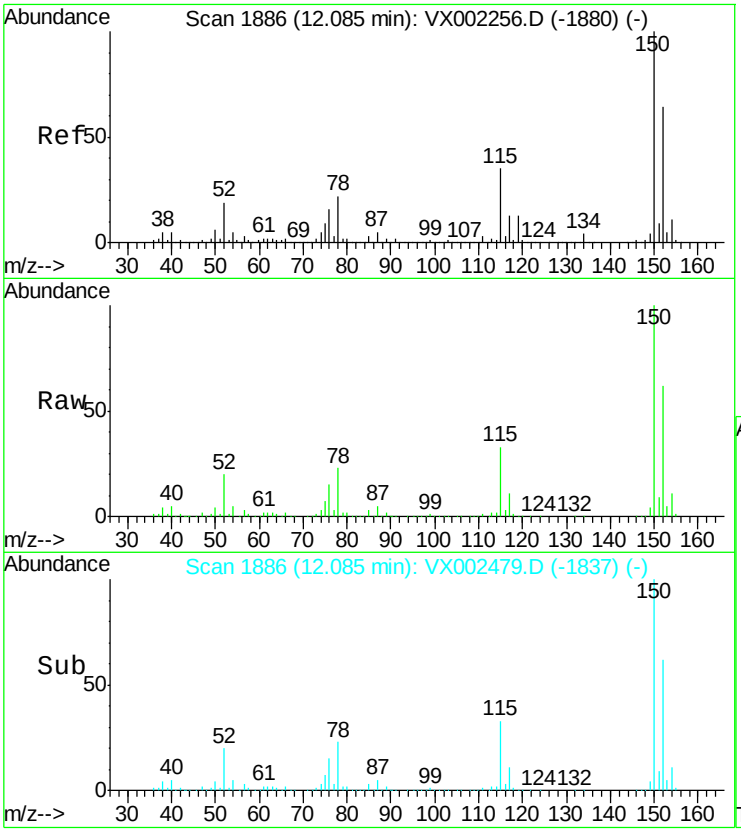


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion:117 Resp: 268751

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	31.1	25.8	38.6



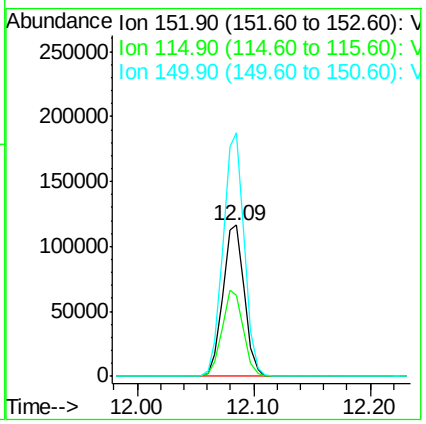


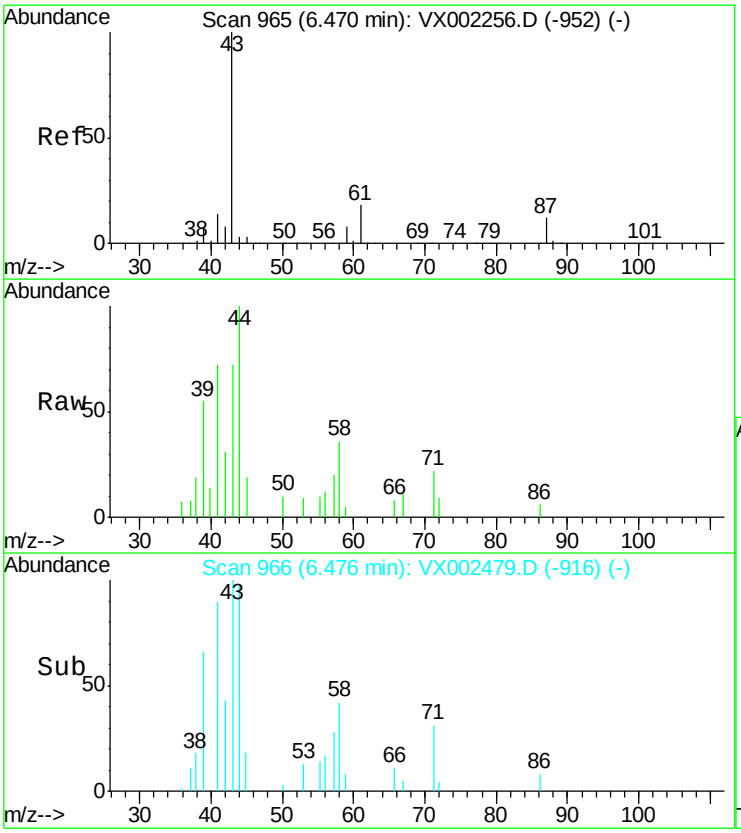
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 148210

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.1	120.2
150	158.1	0.0	347.2

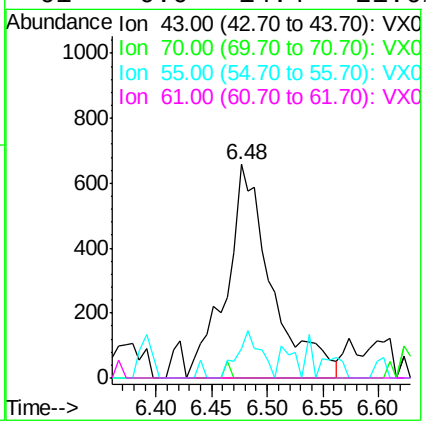


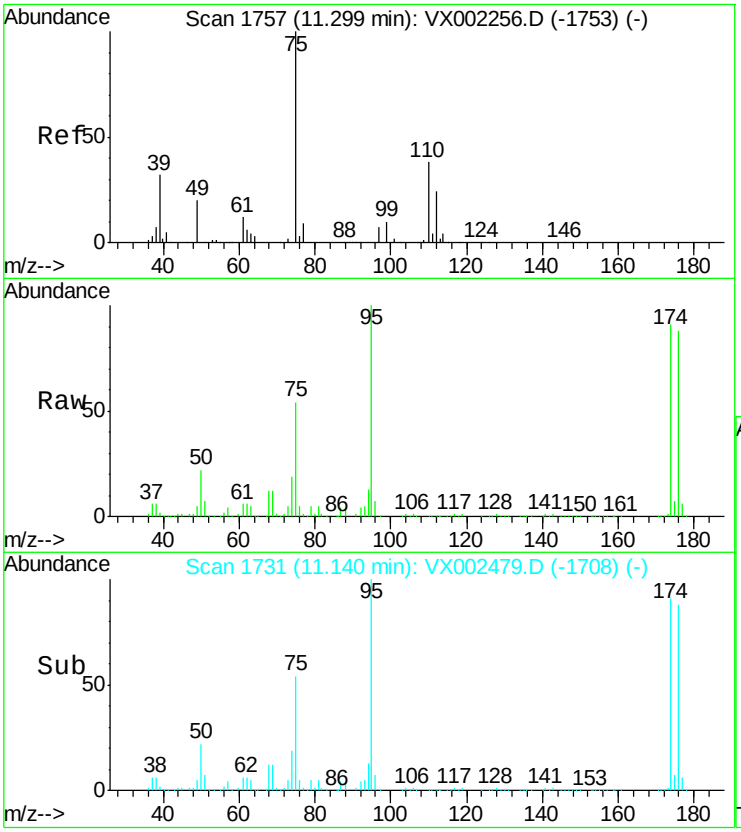


#74
N-amyl acetate
Concen: 0.33 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 43 Resp: 1850

Ion	Ratio	Lower	Upper
43	100		
70	1.0	0.0	0.0#
55	11.2	0.0	0.0#
61	0.0	14.4	21.6#



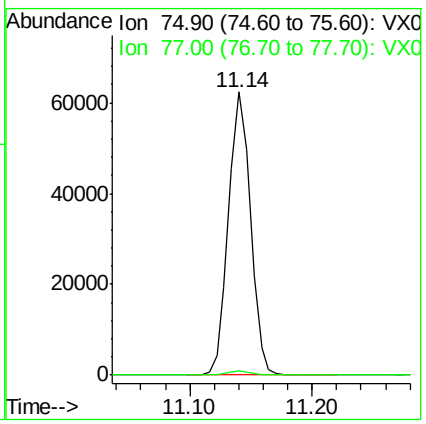


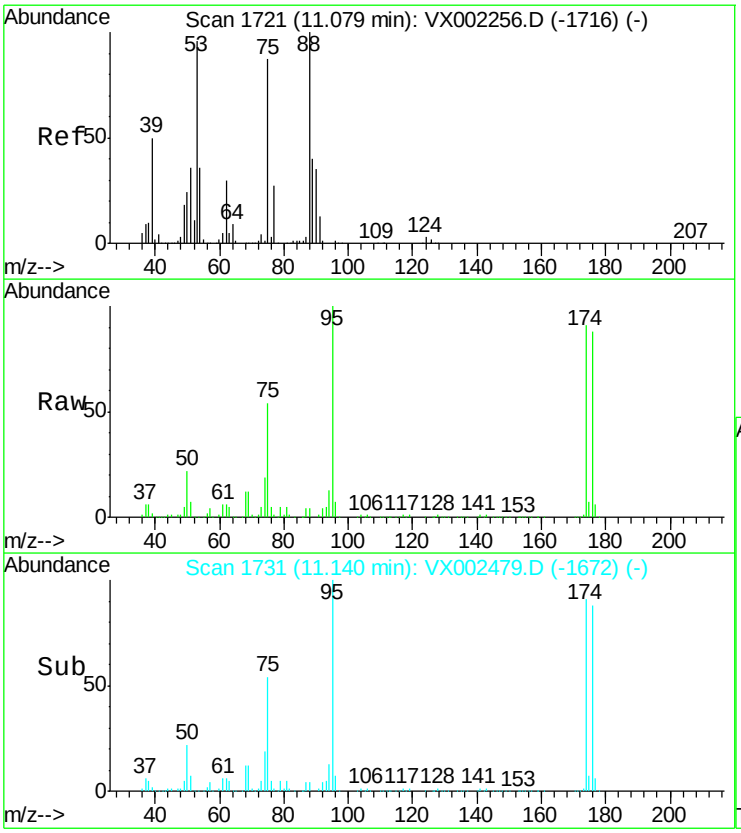
#76
1,2,3-Trichloropropane
Concen: 23.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 77573

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002479.D
Acq: 12 Jun 2018 20:51

Tgt Ion: 75 Resp: 77573

Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.8	130.2#
89	0.0	38.2	57.2#