Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002511.D
Acq On : 13 Jun 2018 15:38
Operator : JC/MD
Sample : PB110148ZHE#18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:45:28 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	201439	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	301264	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	292087	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171244	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	150307	52.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.68%				
35) Dibromofluoromethane	5.51	113	109815	46.35	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.70%				
50) Toluene-d8	8.72	98	440745	48.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.08%				
62) 4-Bromofluorobenzene	11.14	95	157883	45.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.18%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	378	Below Cal		#	59
5) Bromomethane	1.64	94	1070	Below Cal			91
8) Diethyl Ether	2.19	74	137	Below Cal			79
10) Methyl Iodide	2.52	142	968	0.32	ug/l	#	96
11) Tert butyl alcohol	3.02	59	4818	Below Cal		#	77
13) Acrolein	2.29	56	277	Below Cal			96
15) Acrylonitrile	3.16	53	112	Below Cal		#	61
16) Acetone	2.45	43	21635	Below Cal			98
18) Methyl Acetate	2.78	43	22530	5.40	ug/l		100
19) Methyl tert-butyl Ether	3.23	73	42	Below Cal		#	54
20) Methylene Chloride	2.85	84	4546	Below Cal			92
22) Diisopropyl ether	3.88	45	130	Below Cal		#	65
25) 2-Butanone	4.71	43	4560	2.31	ug/l		100
28) Bromochloromethane	5.03	49	108	Below Cal		#	13
29) Tetrahydrofuran	5.17	42	1386	1.09	ug/l	#	66
31) Cyclohexane	5.66	56	4782	1.31	ug/l	#	23
36) 1,1-Dichloropropene	5.66	75	14422	4.55	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	19365	5.84	ug/l	#	15
39) Methylcyclohexane	7.40	83	21	0.27	ug/l	#	39
51) 4-Methyl-2-Pentanone	8.66	43	2279	0.57	ug/l		98
65) Chlorobenzene	10.14	112	5260	0.72	ug/l	#	88
76) 1,2,3-Trichloropropane	11.14	75	87549	23.30	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	87549	81.67	ug/l	#	7

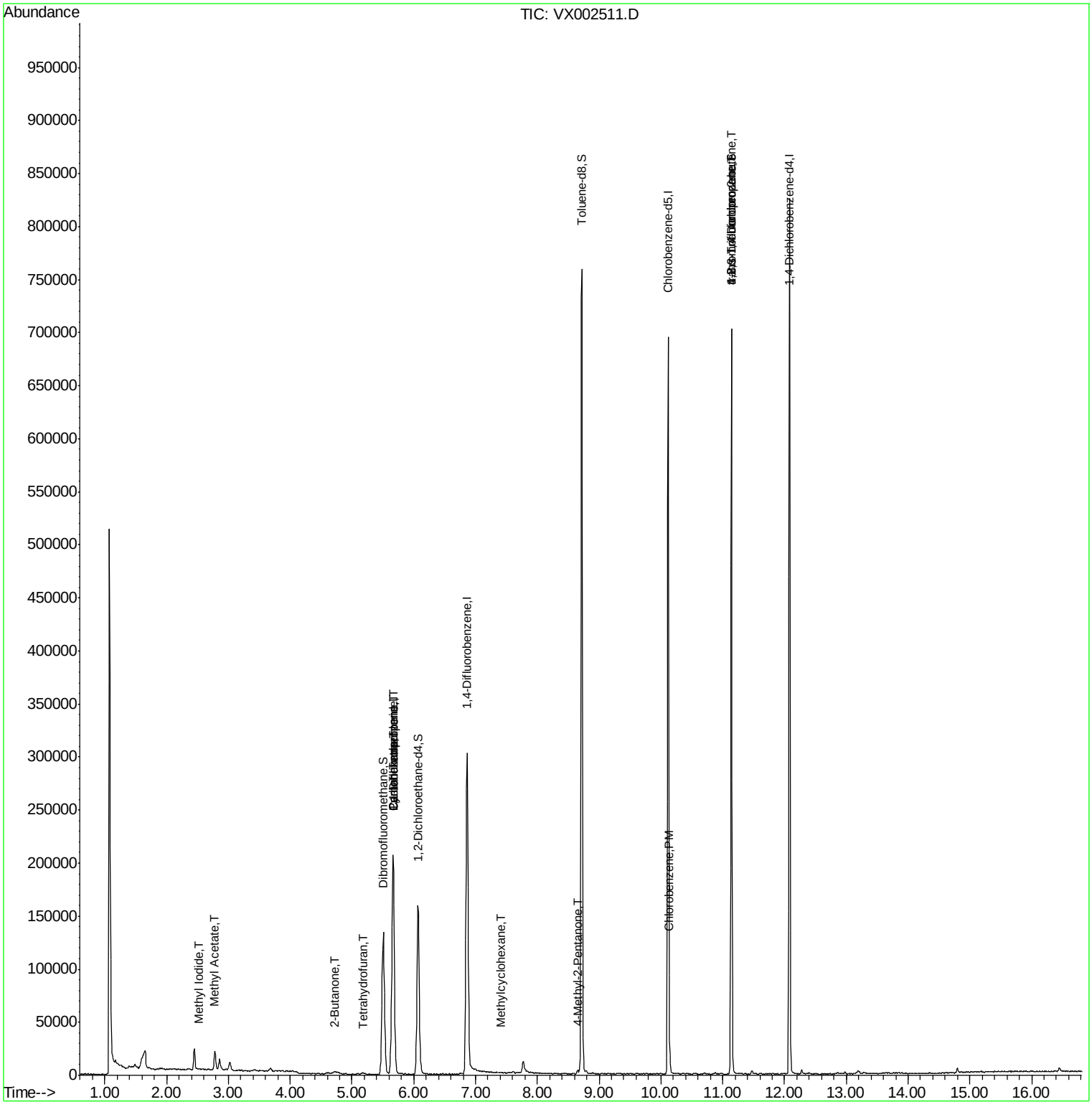
(#) = qualifier out of range (m) = manual integration (+) = signals summed

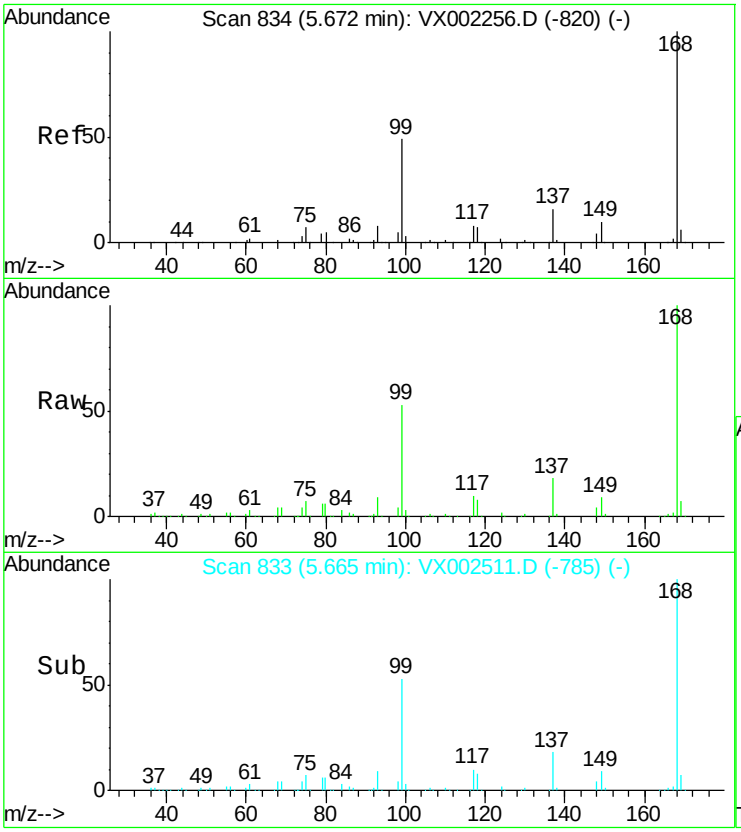
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002511.D
Acq On : 13 Jun 2018 15:38
Operator : JC/MD
Sample : PB110148ZHE#18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:45:28 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



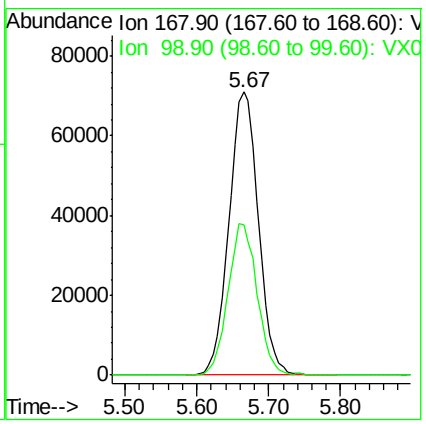


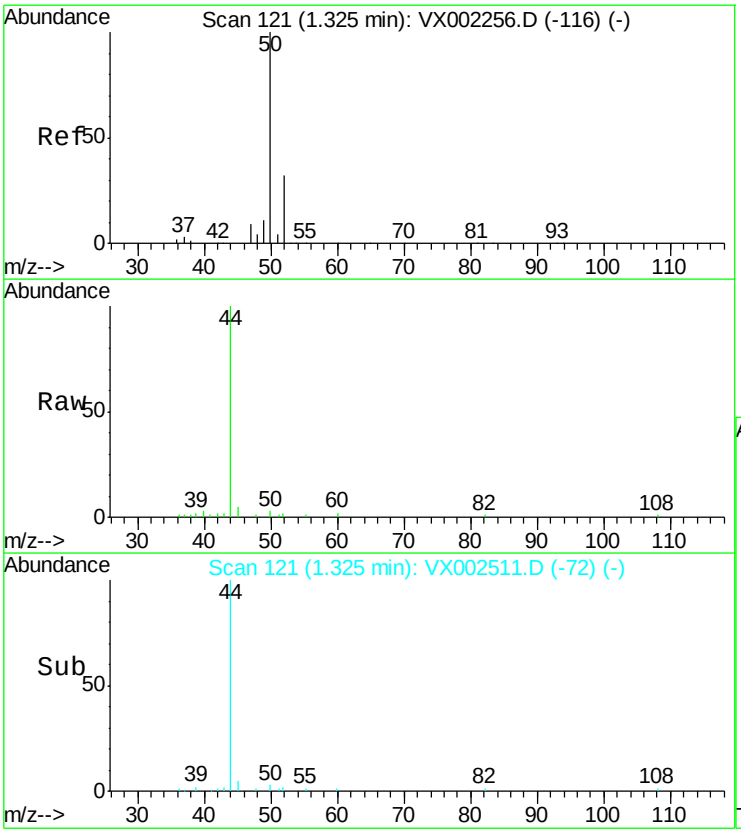
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 201439

Ion	Ratio	Lower	Upper
168	100		
99	53.2	39.3	58.9

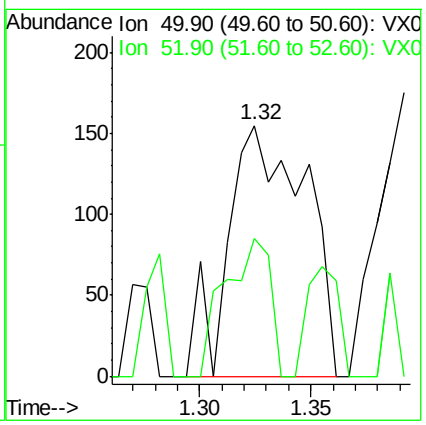


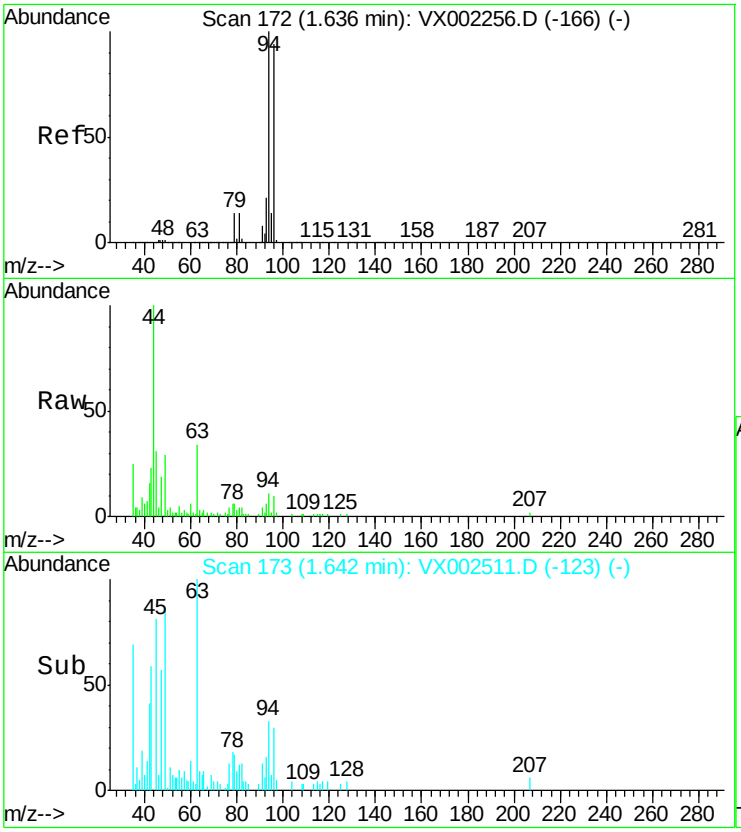


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 50 Resp: 378

Ion	Ratio	Lower	Upper
50	100		
52	54.8	25.7	38.5#



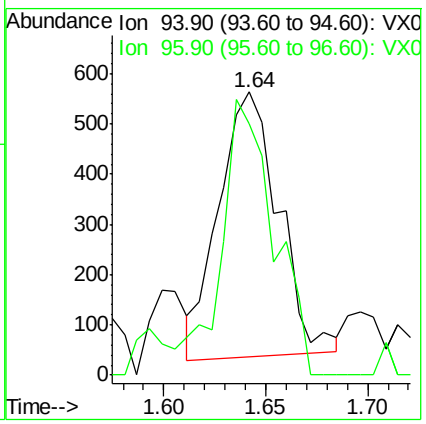


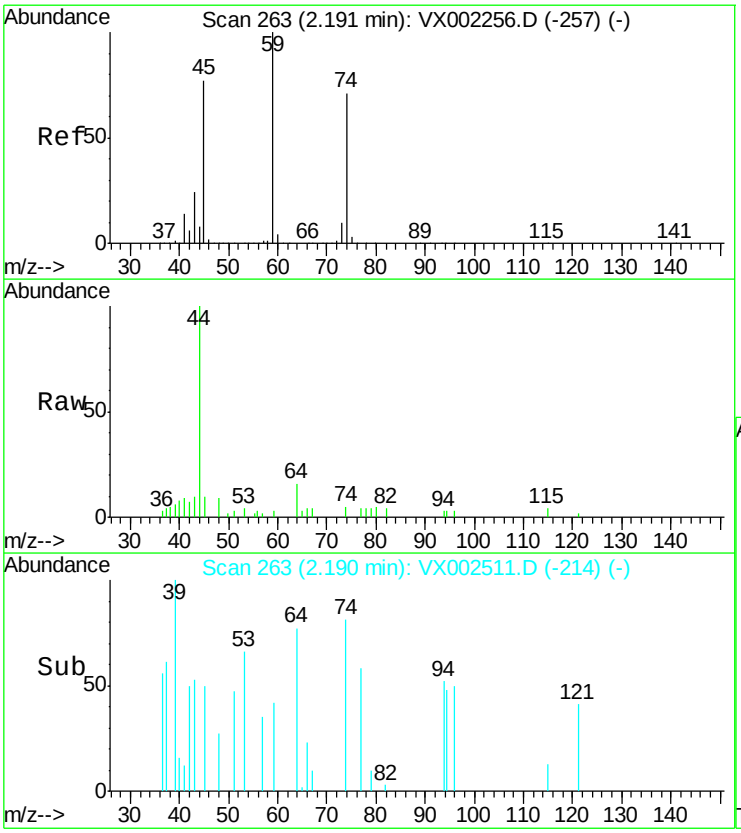
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1070

Ion	Ratio	Lower	Upper
94	100		
96	102.5	74.9	112.3

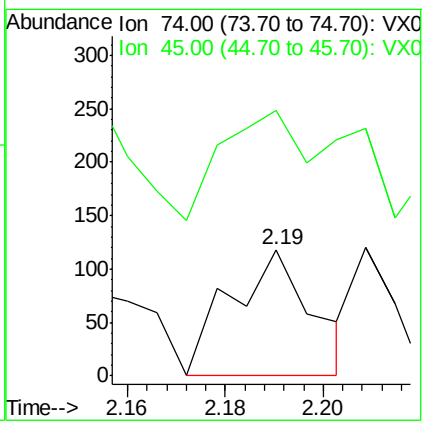


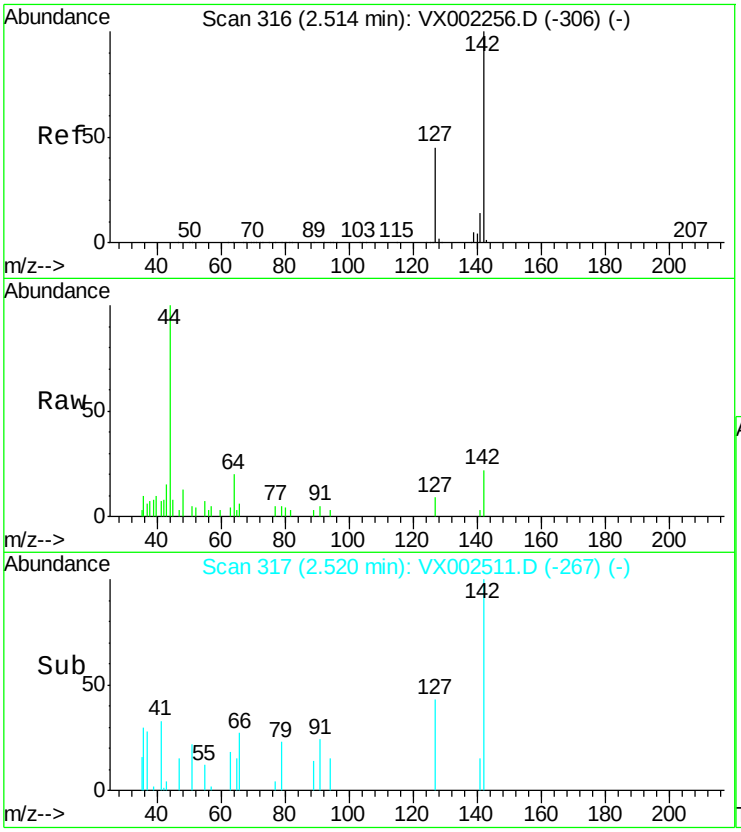


#8
Diethyl Ether
Concen: Below Cal
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 74 Resp: 137

Ion	Ratio	Lower	Upper
74	100		
45	128.5	53.1	159.4



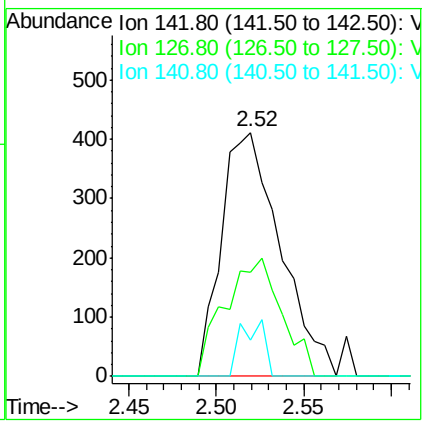


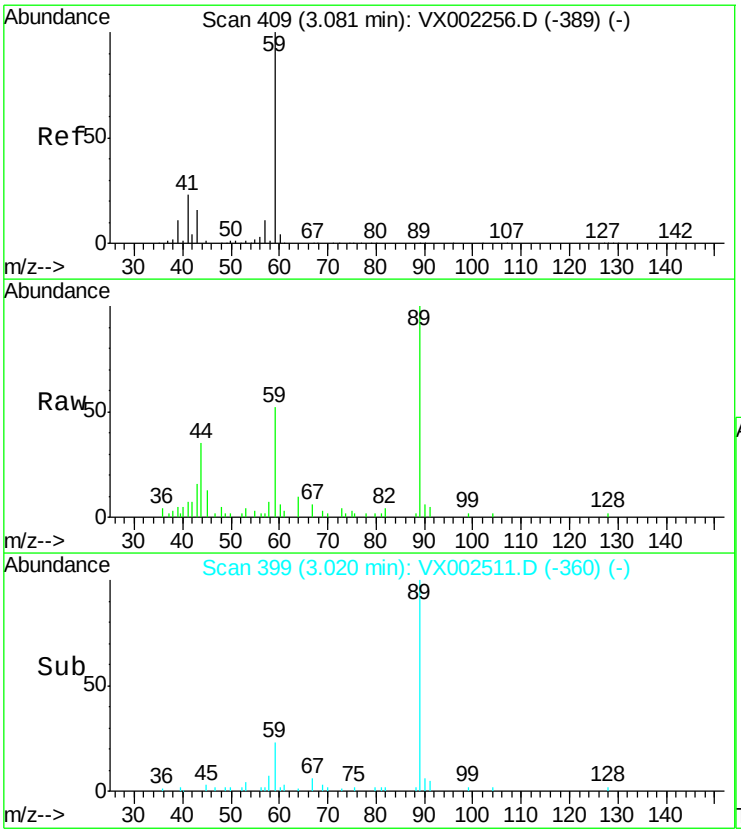
#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 968

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.6	55.0
141	9.4	11.3	16.9#

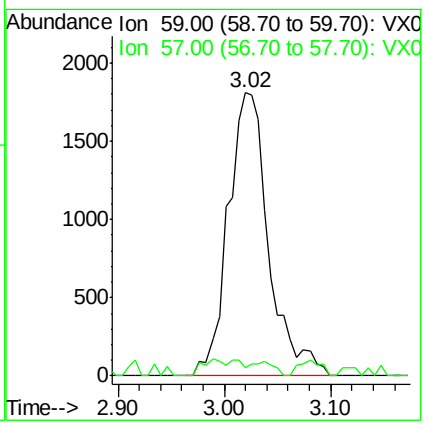


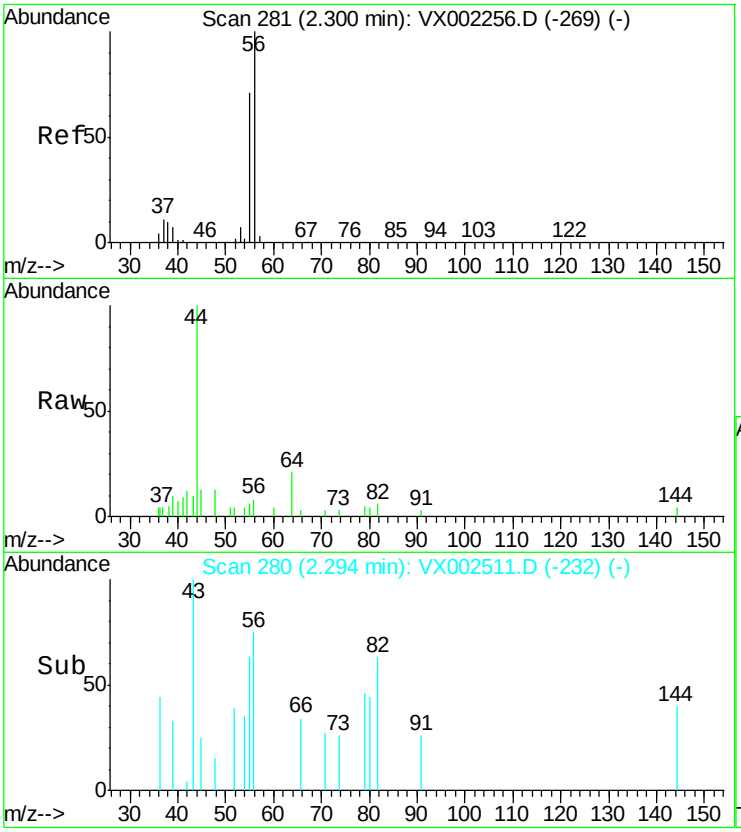


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 59 Resp: 4818

Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.2	12.2#



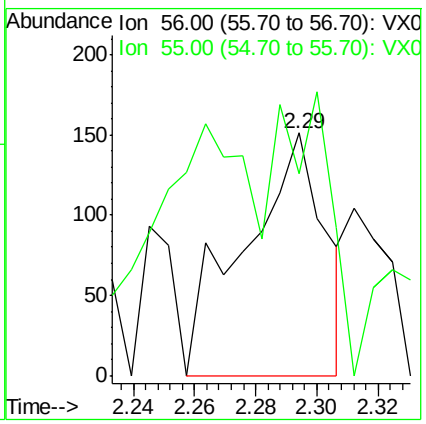


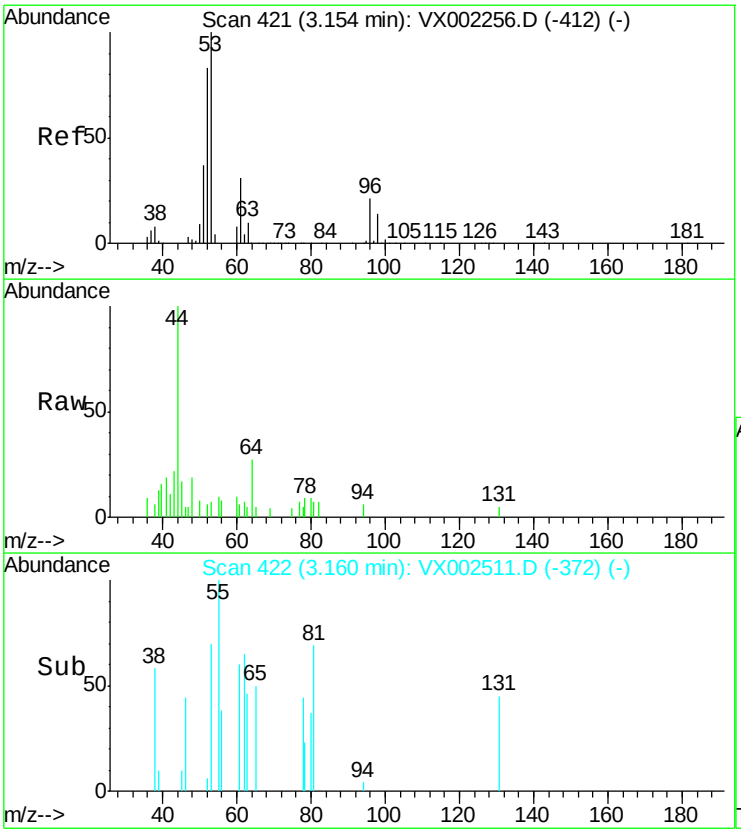
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 277

Ion	Ratio	Lower	Upper
56	100		
55	74.4	57.0	85.4

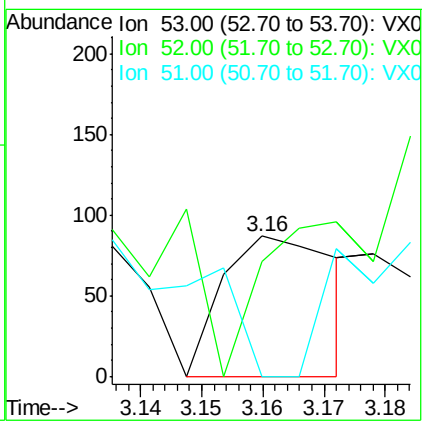


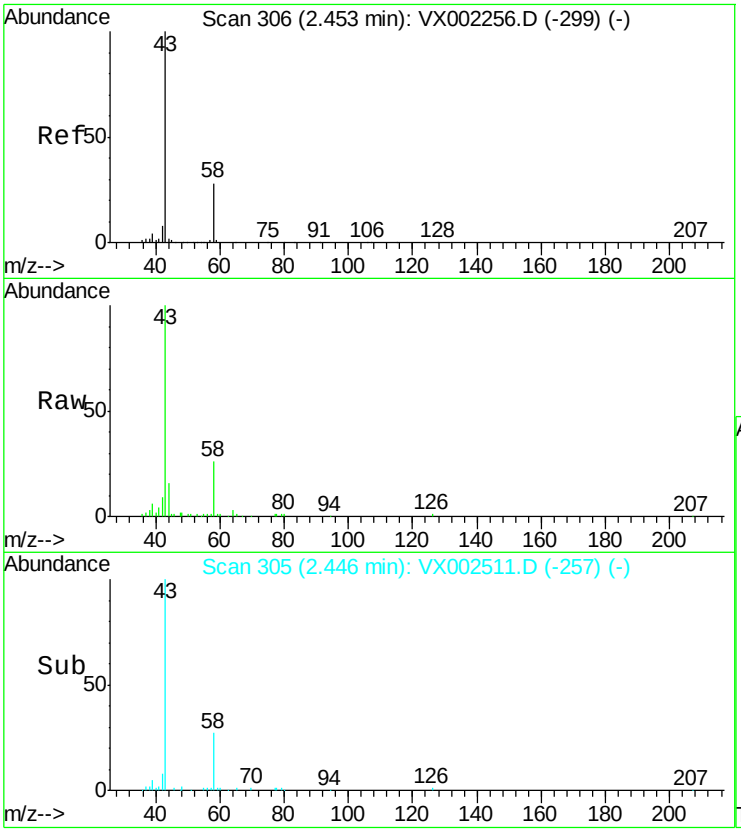


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 53 Resp: 112

Ion	Ratio	Lower	Upper
53	100		
52	108.9	66.7	100.1#
51	0.0	29.9	44.9#



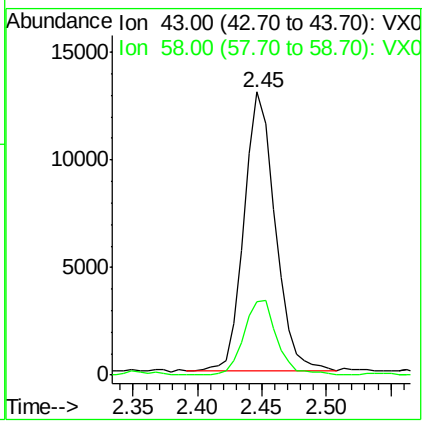


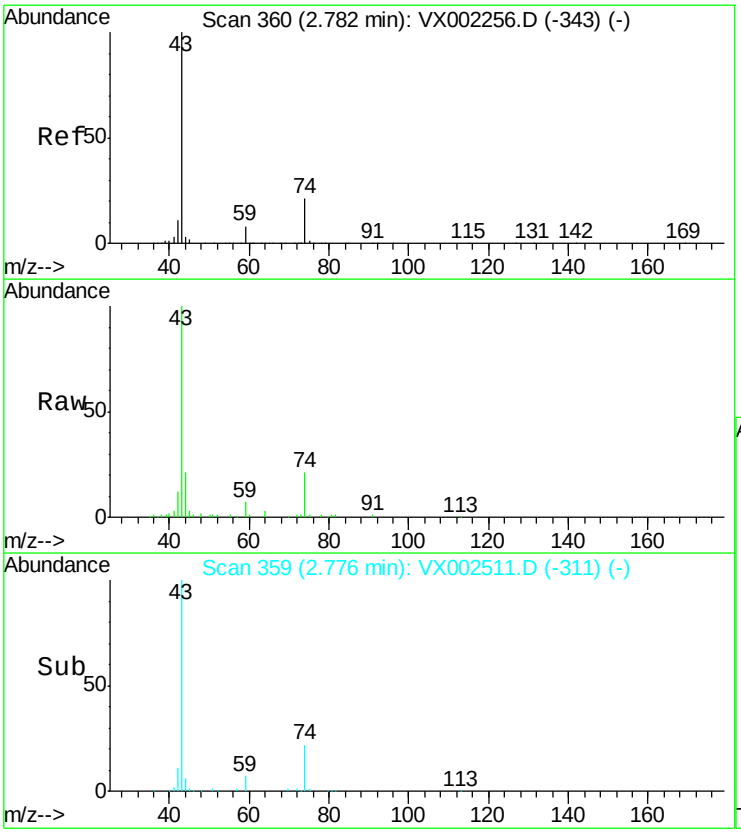
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21635

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1

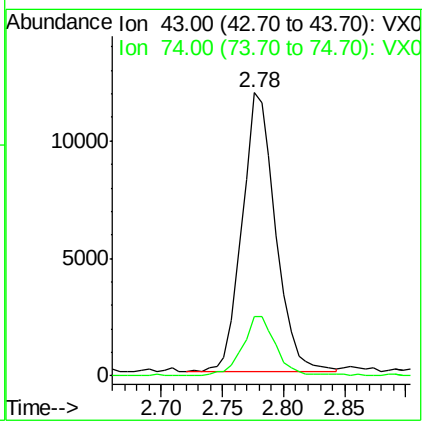


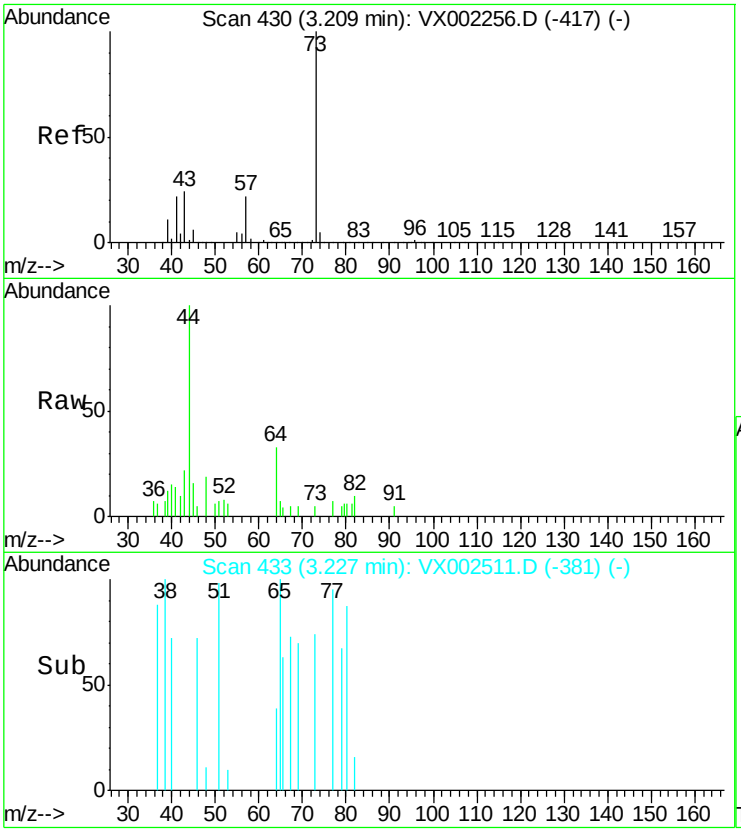


#18
Methyl Acetate
Concen: 5.40 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 43 Resp: 22530

Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1



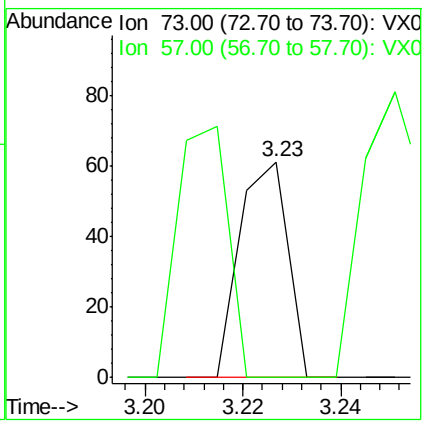


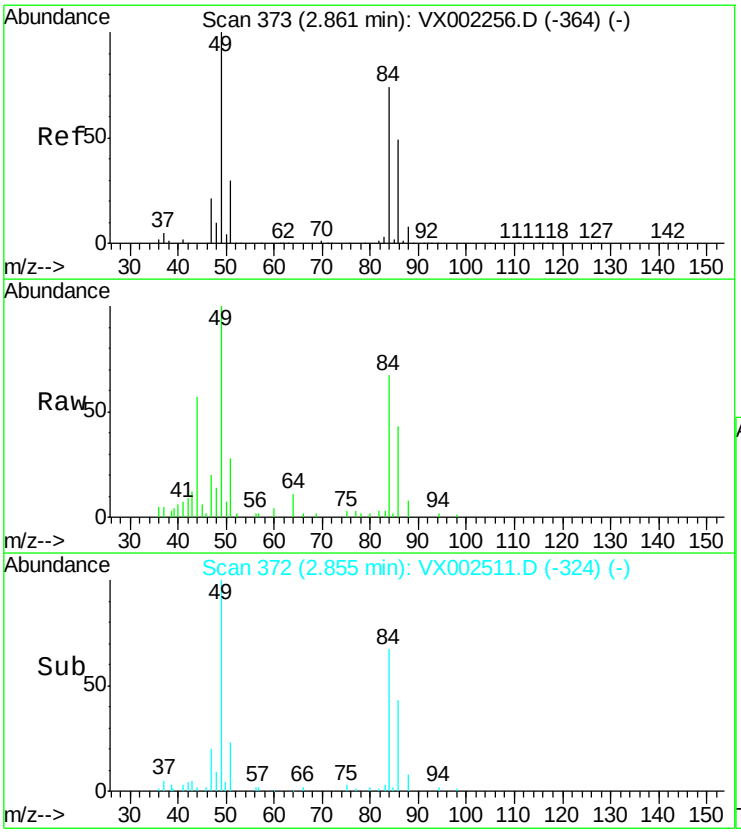
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 433
Delta R.T. 0.02 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 42

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.7	26.5#

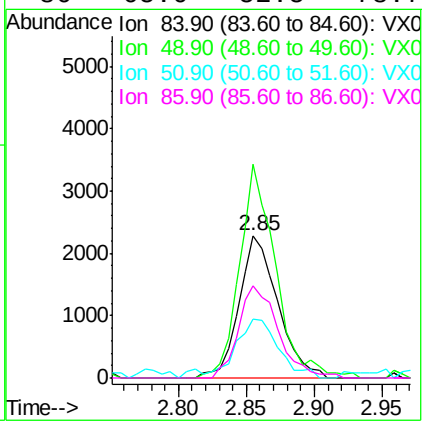


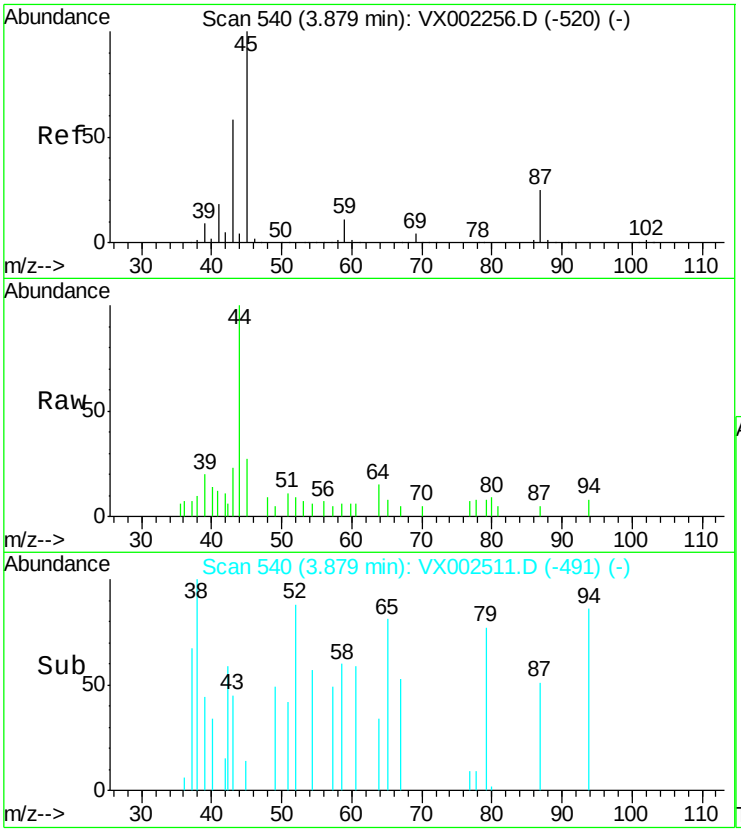


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 84 Resp: 4546

Ion	Ratio	Lower	Upper
84	100		
49	150.1	107.8	161.6
51	41.3	32.8	49.2
86	65.0	52.5	78.7



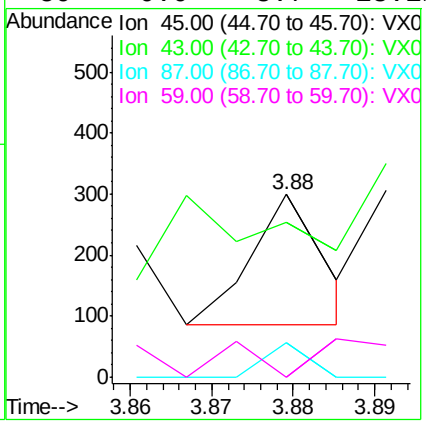


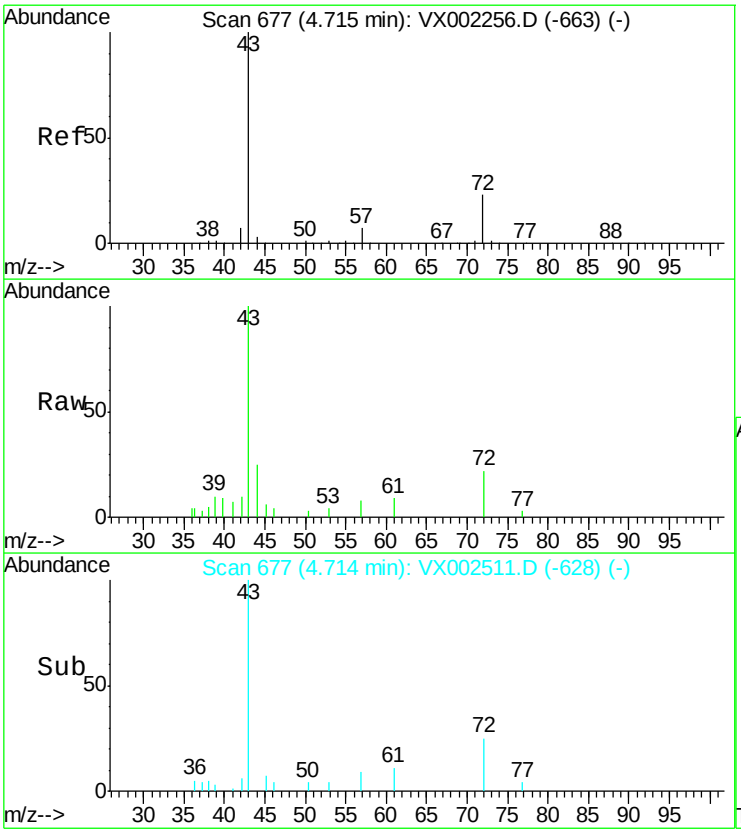
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 130

Ion	Ratio	Lower	Upper
45	100		
43	21.6	46.8	70.2#
87	26.8	20.2	30.4
59	0.0	8.7	13.1#

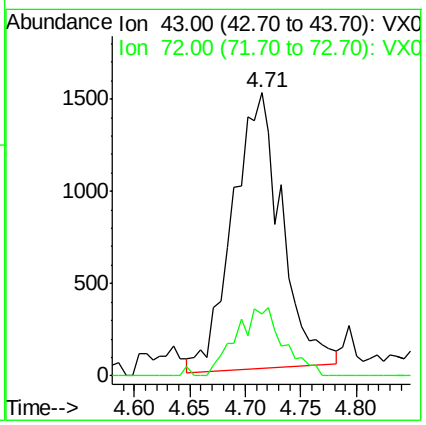


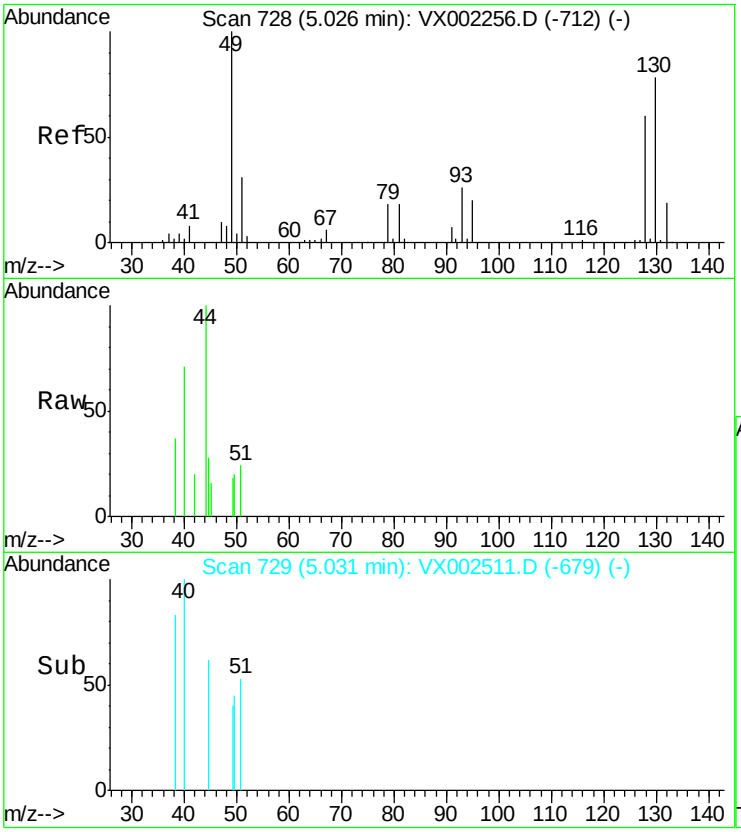


#25
2-Butanone
Concen: 2.31 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 43 Resp: 4560

Ion	Ratio	Lower	Upper
43	100		
72	23.2	18.5	27.7



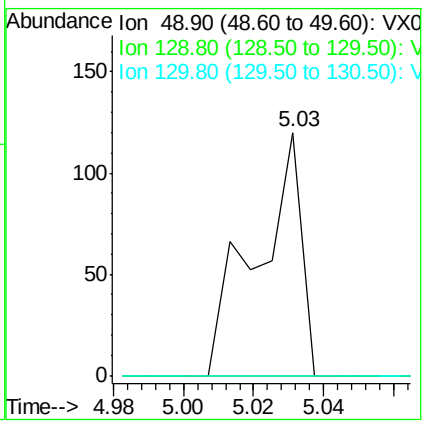


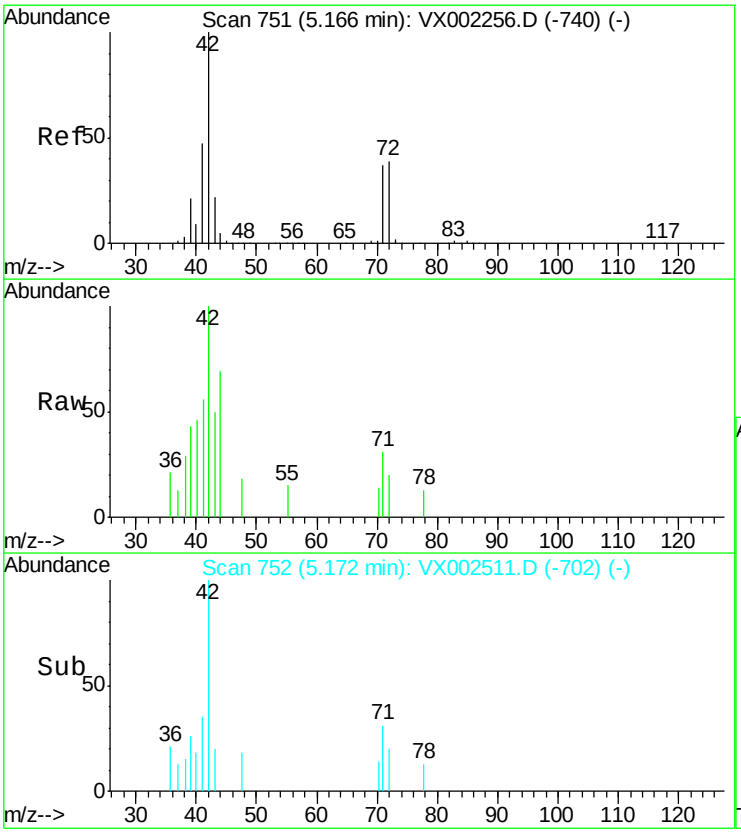
#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 108

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

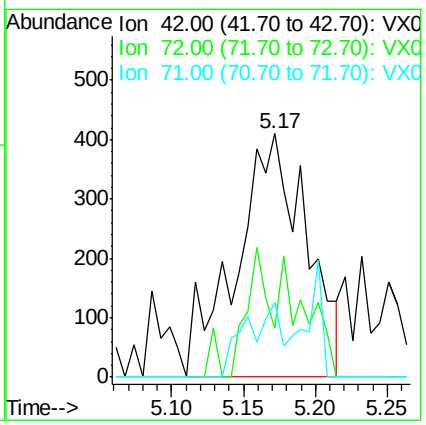


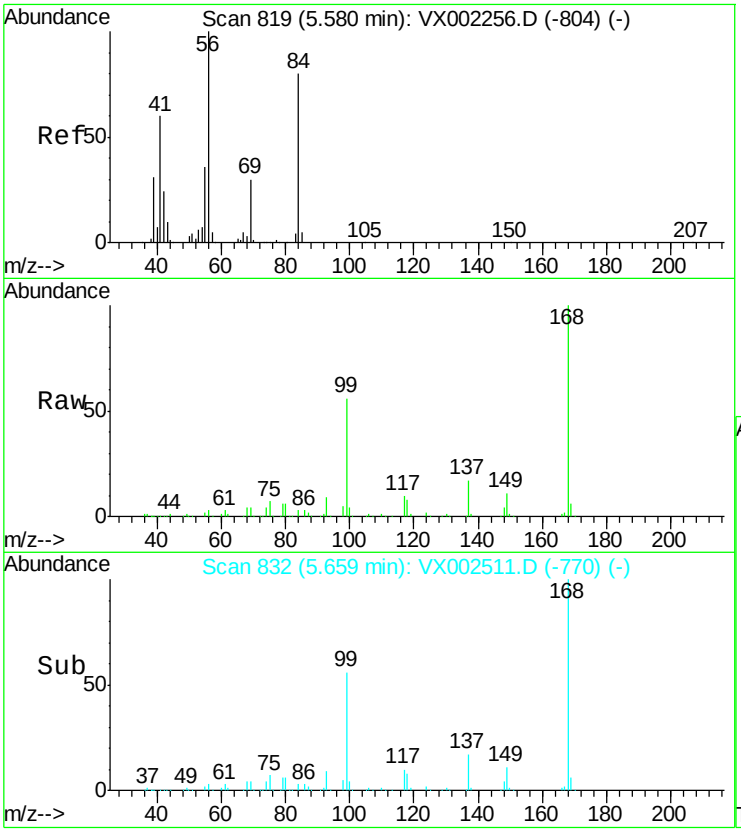


#29
Tetrahydrofuran
Concen: 1.09 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 42 Resp: 1386

Ion	Ratio	Lower	Upper
42	100		
72	18.8	32.0	48.0#
71	17.2	30.1	45.1#



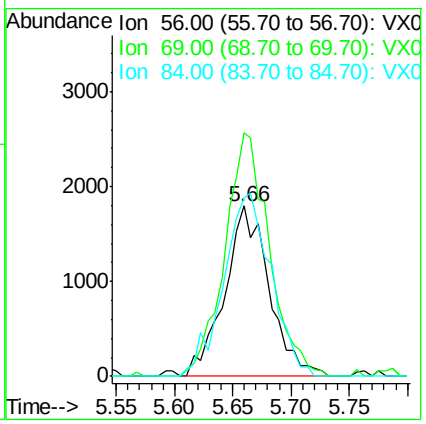


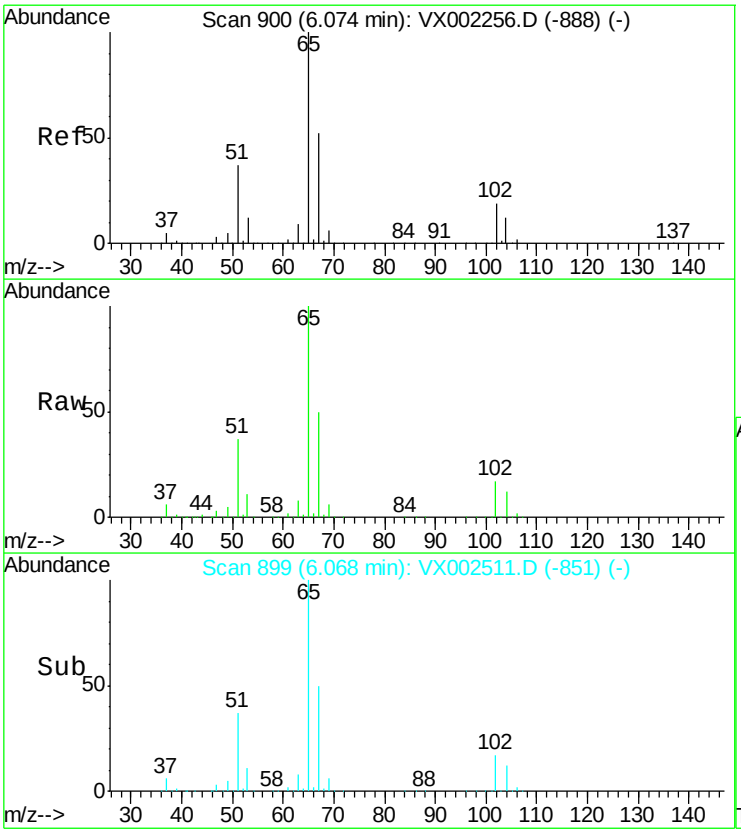
#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4782

Ion	Ratio	Lower	Upper
56	100		
69	142.8	23.7	35.5#
84	104.6	64.1	96.1#

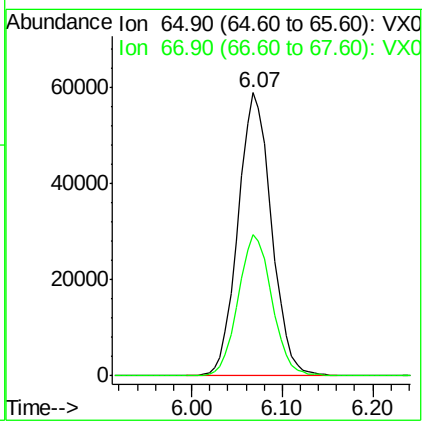


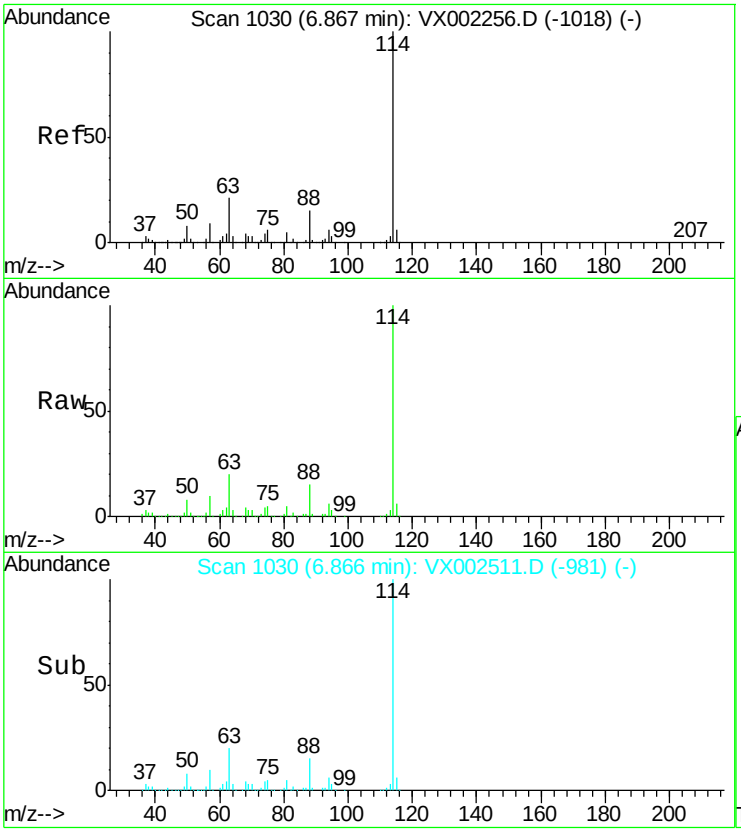


#33
1,2-Dichloroethane-d4
Concen: 52.34 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 65 Resp: 150307

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6



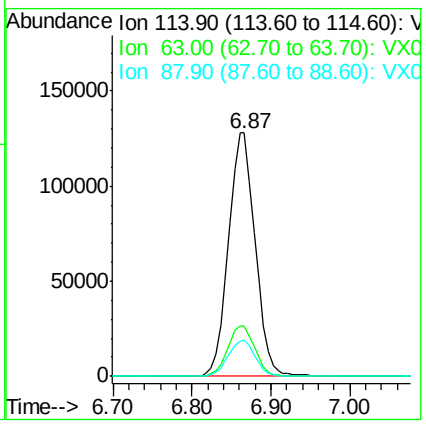


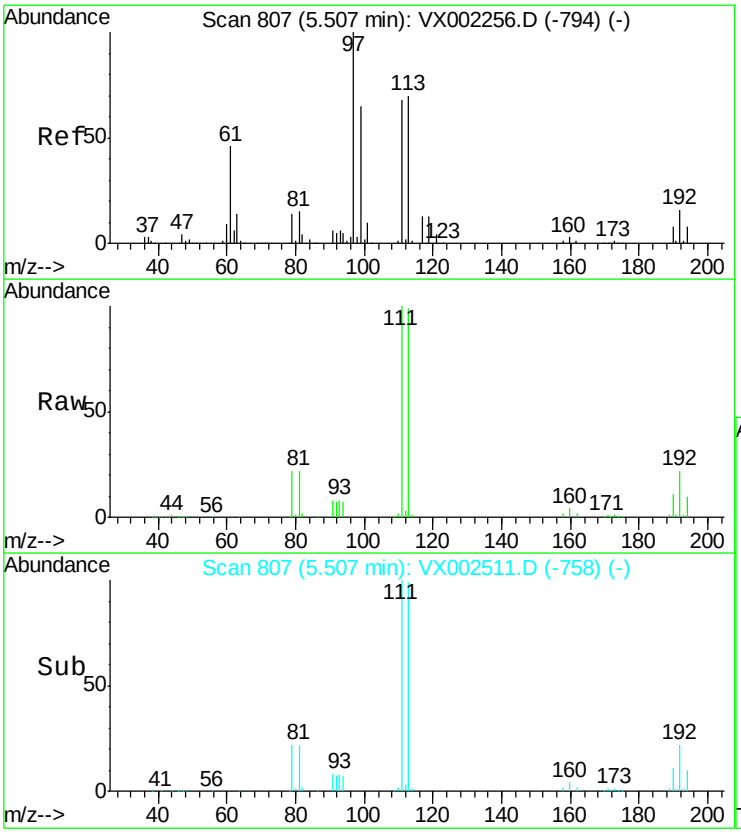
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 301264

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	14.7	0.0	30.0

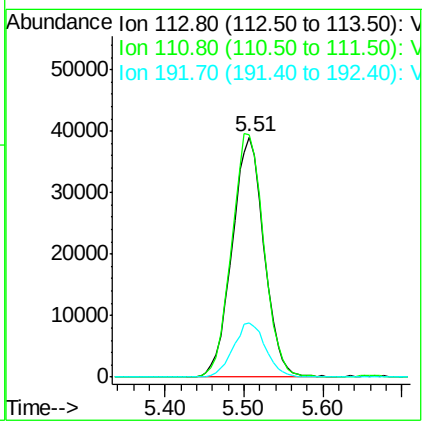


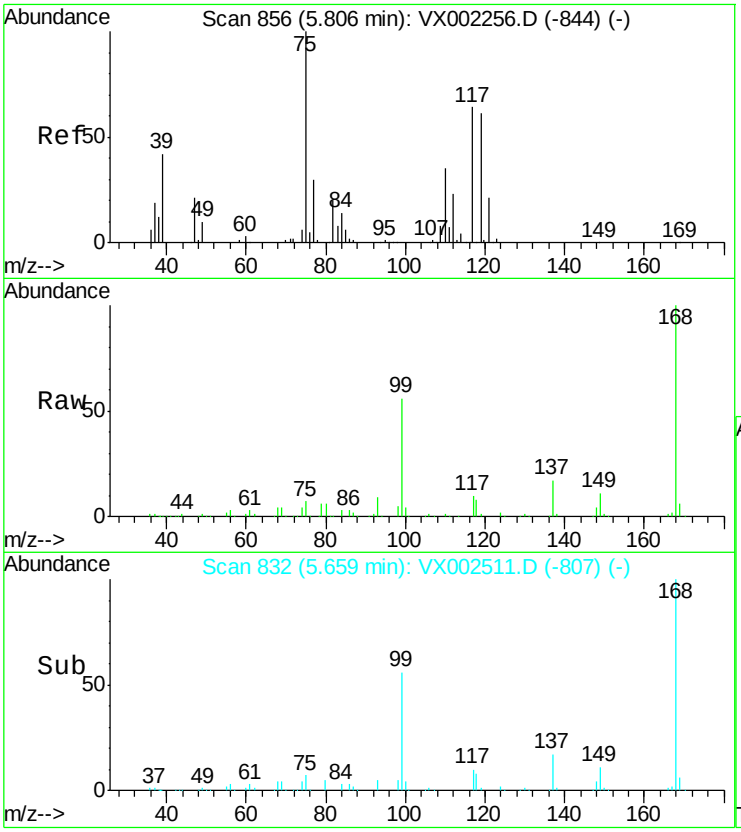


#35
Dibromofluoromethane
Concen: 46.35 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion:113 Resp: 109815

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	22.8	19.1	28.7



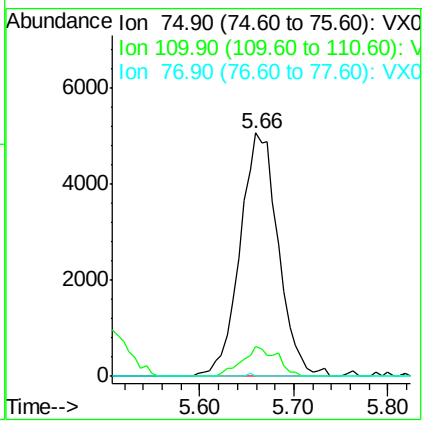


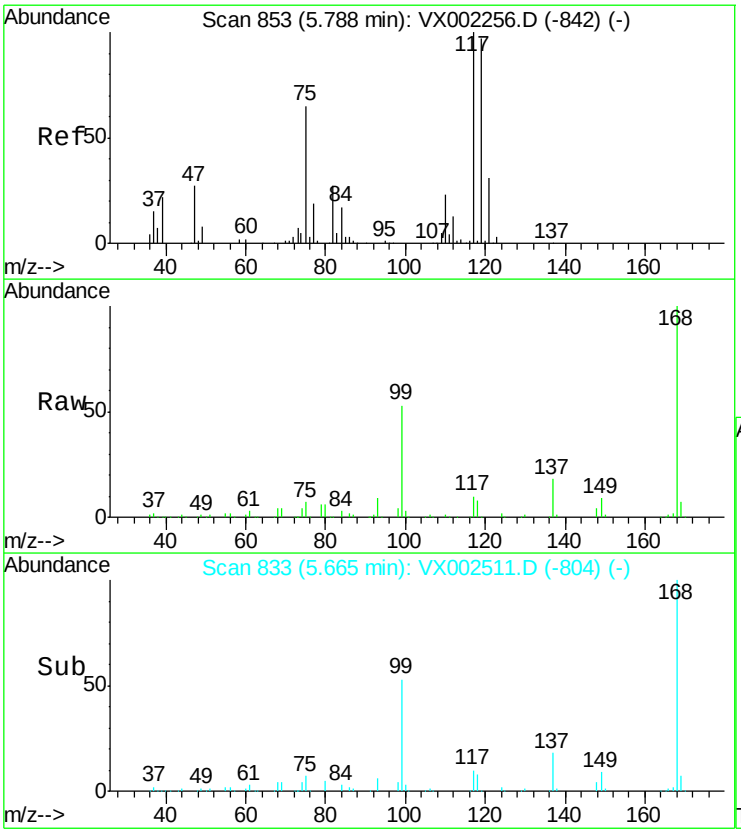
#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14422

Ion	Ratio	Lower	Upper
75	100		
110	11.3	18.1	54.4#
77	0.1	24.3	36.5#

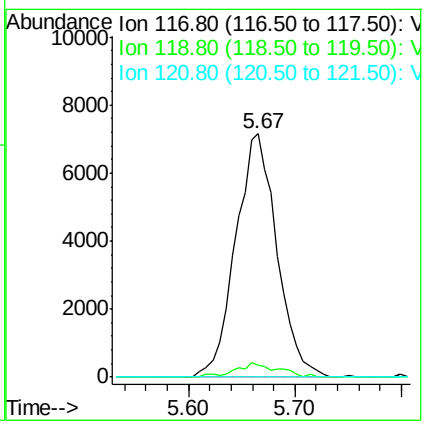


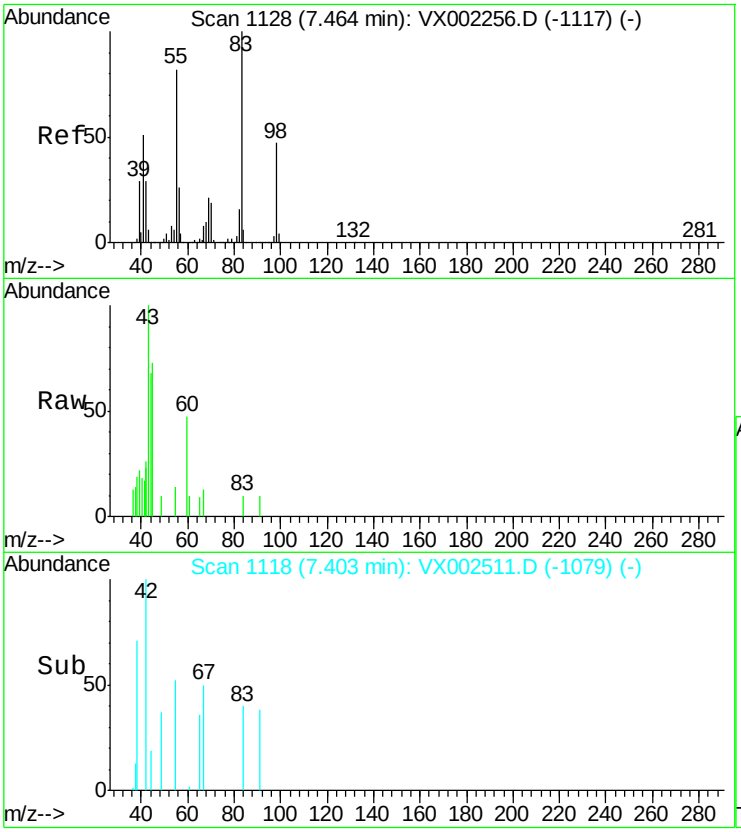


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion:117 Resp: 19365

Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	24.4	36.6#



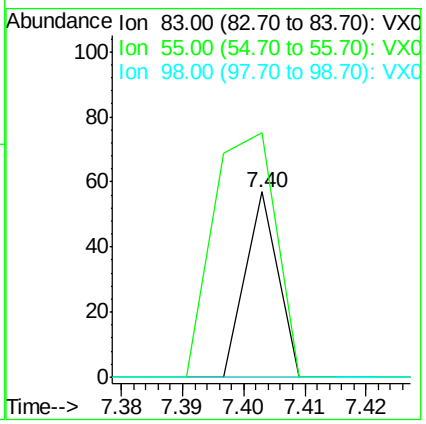


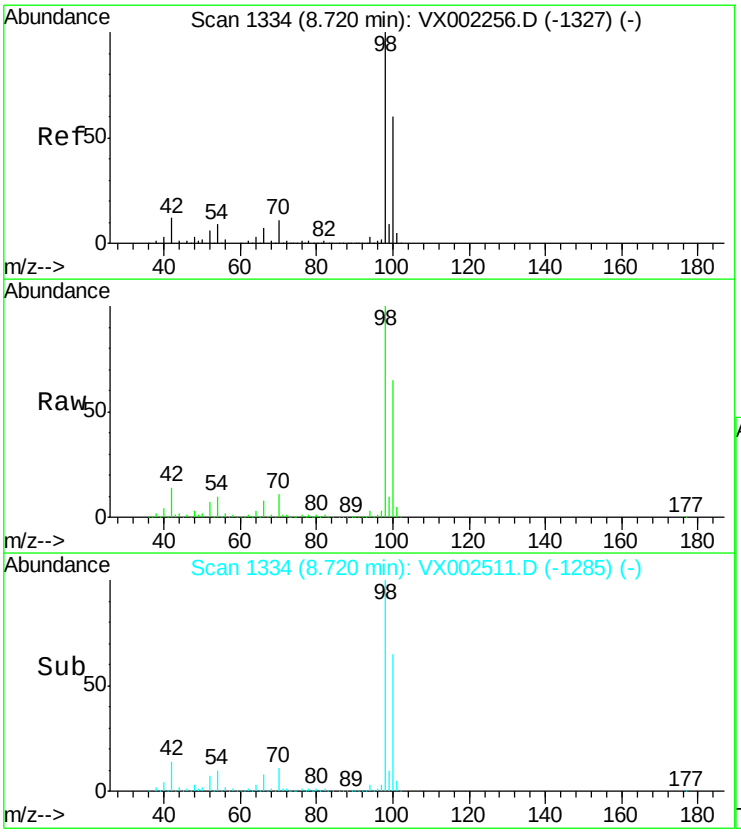
#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.40 min Scan# 1118
Delta R.T. -0.06 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 21

Ion	Ratio	Lower	Upper
83	100		
55	131.6	65.4	98.0#
98	0.0	37.4	56.0#

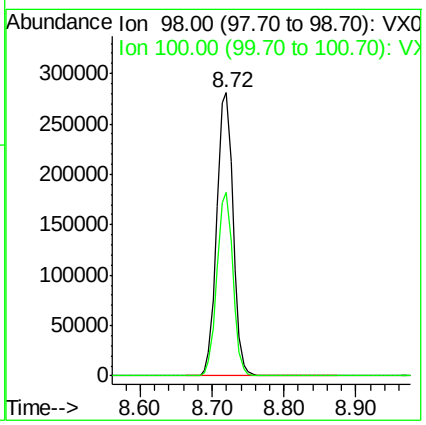


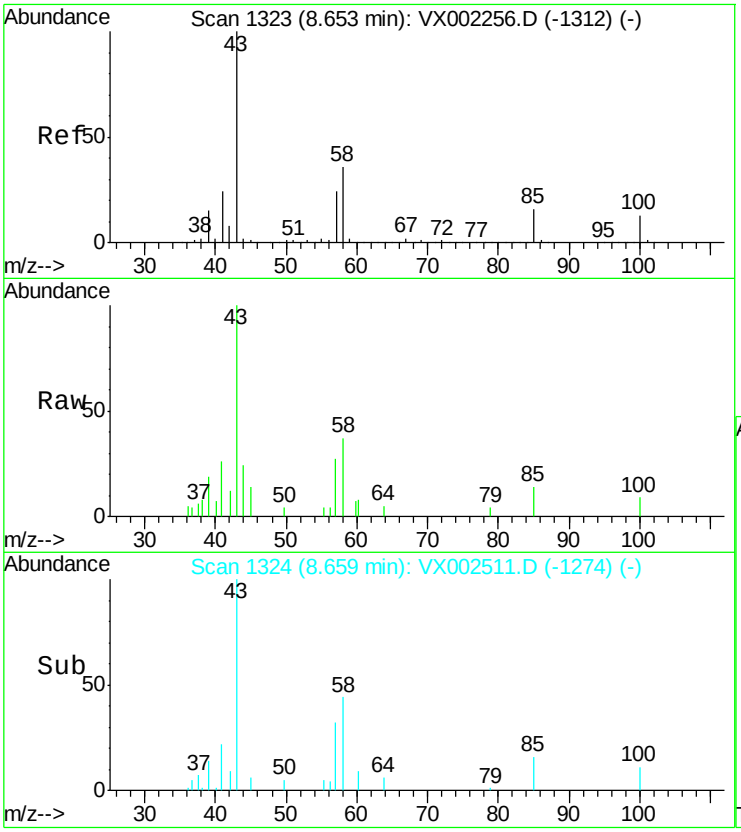


#50
Toluene-d8
Concen: 48.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 98 Resp: 440745

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



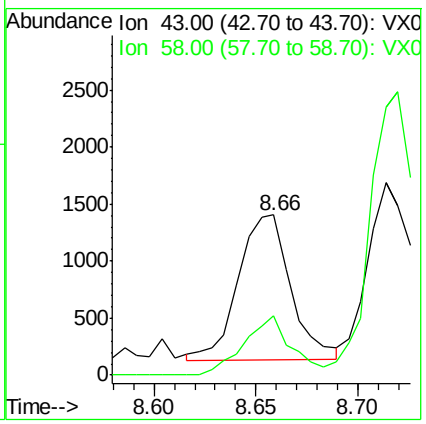


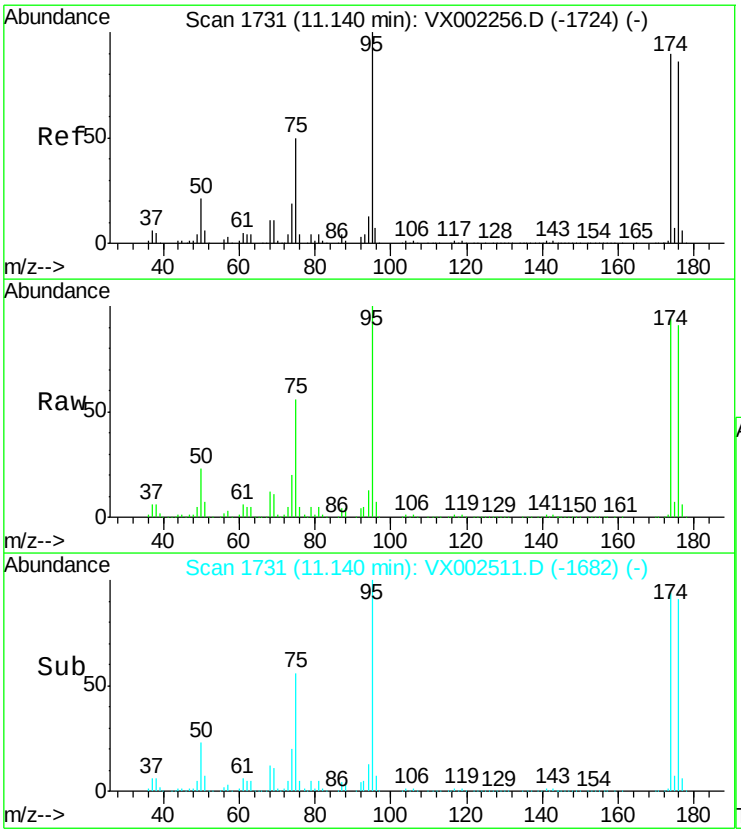
#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2279

Ion	Ratio	Lower	Upper
43	100		
58	37.1	28.6	42.8

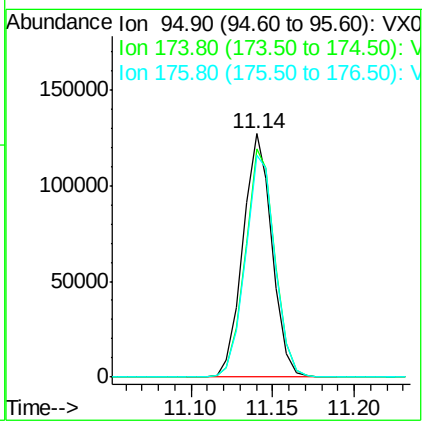


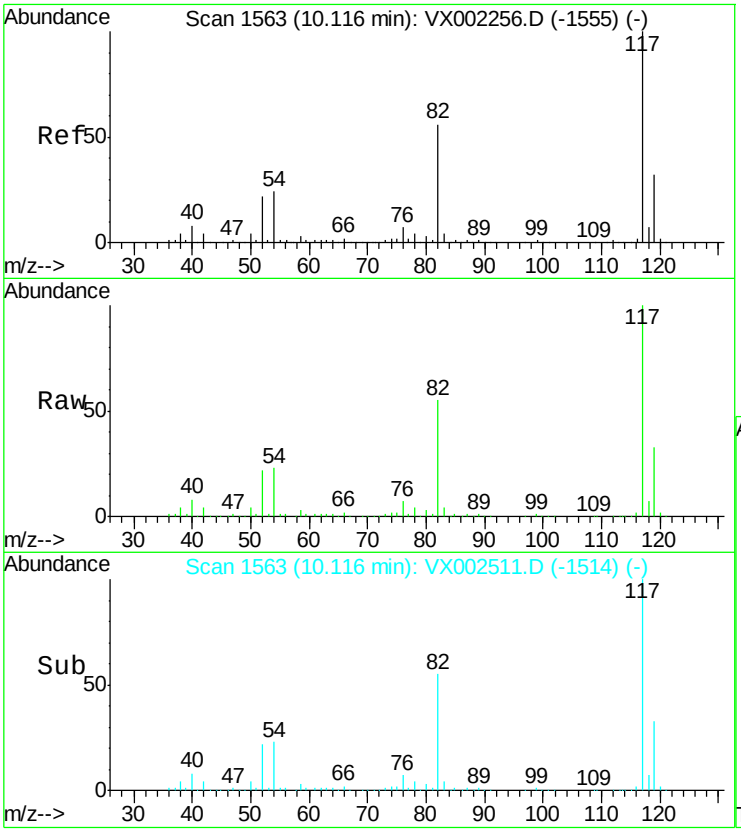


#62
4-Bromofluorobenzene
Concen: 45.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 95 Resp: 157883

Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	187.4
176	92.8	0.0	181.0



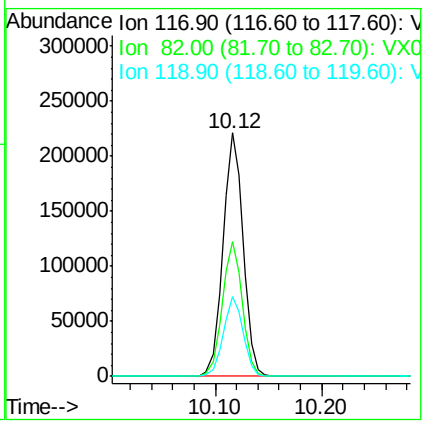


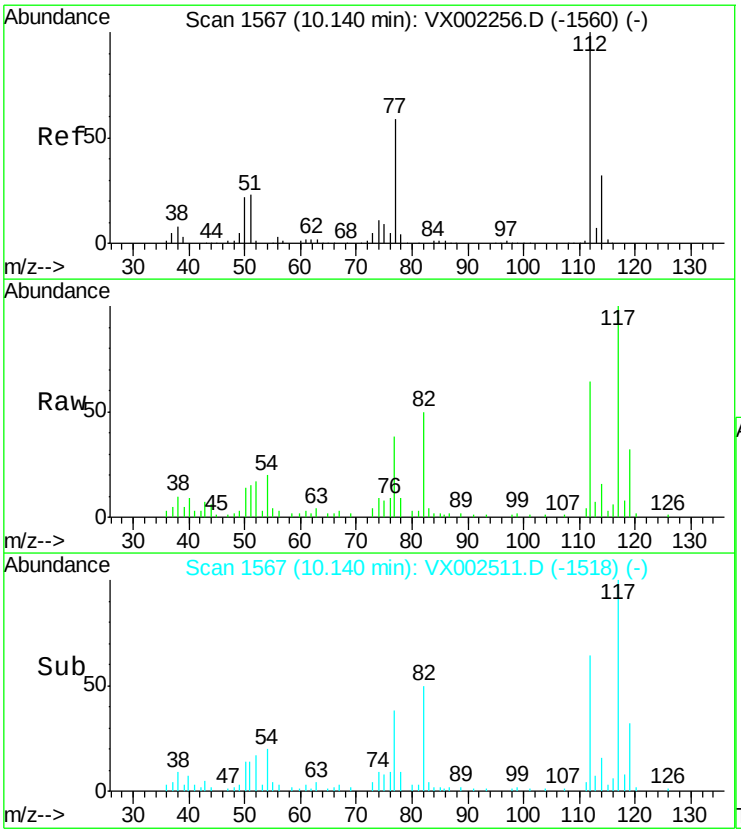
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 292087

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.8	25.8	38.6

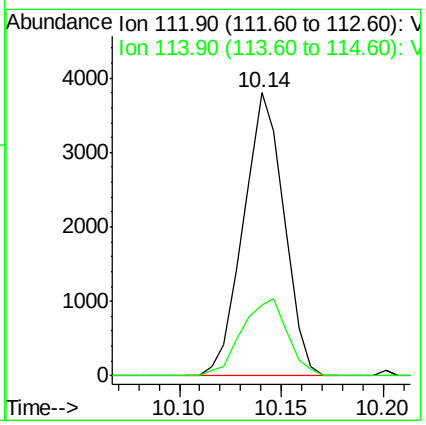


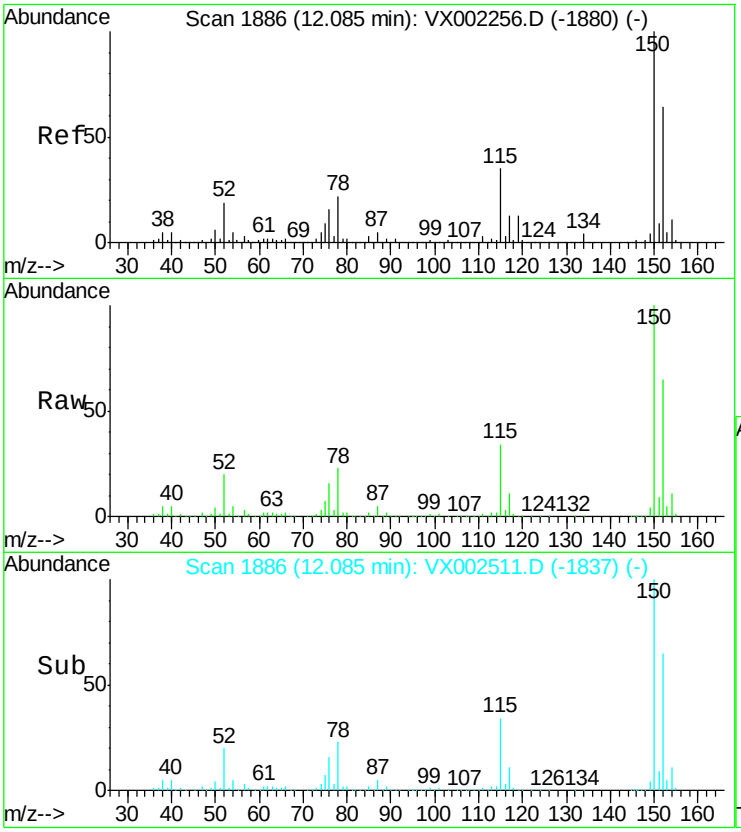


#65
Chlorobenzene
Concen: 0.72 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion:112 Resp: 5260

Ion	Ratio	Lower	Upper
112	100		
114	25.1	25.3	37.9#



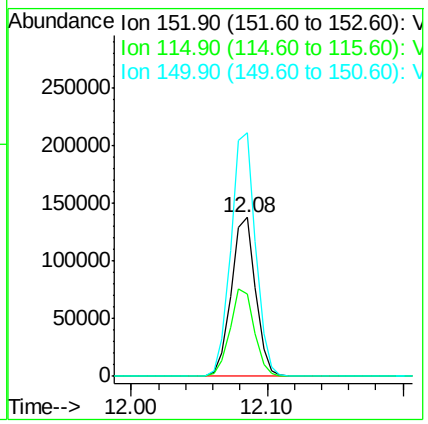


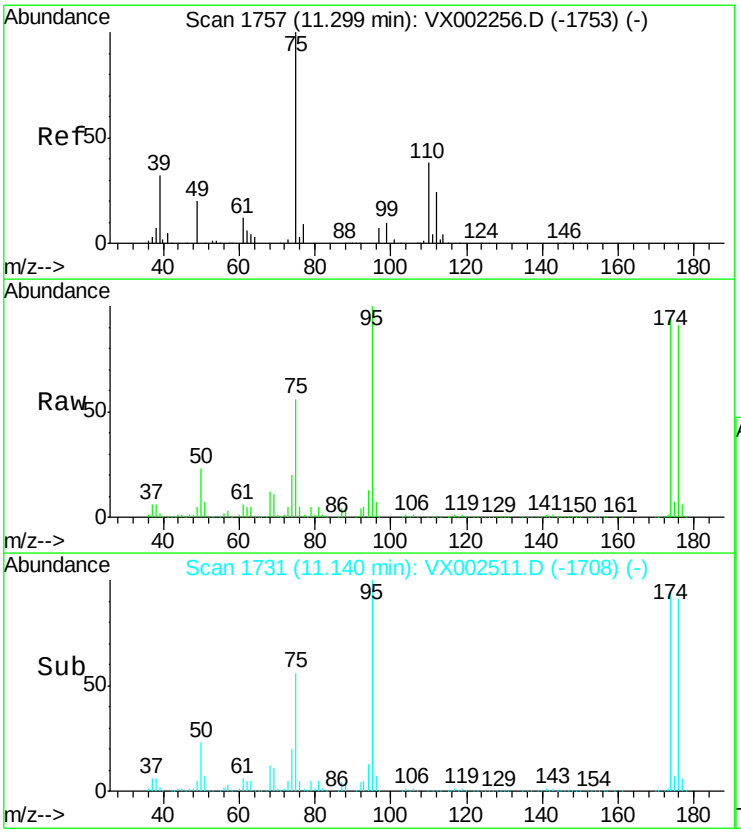
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 171244

Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.1	120.2
150	155.7	0.0	347.2

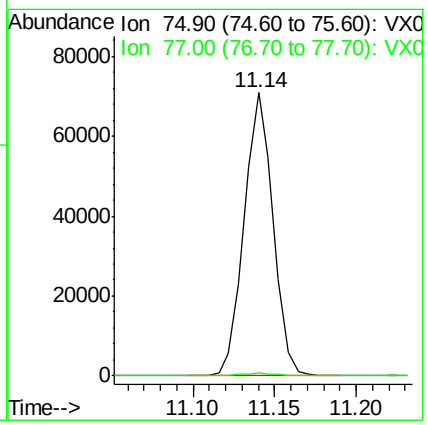


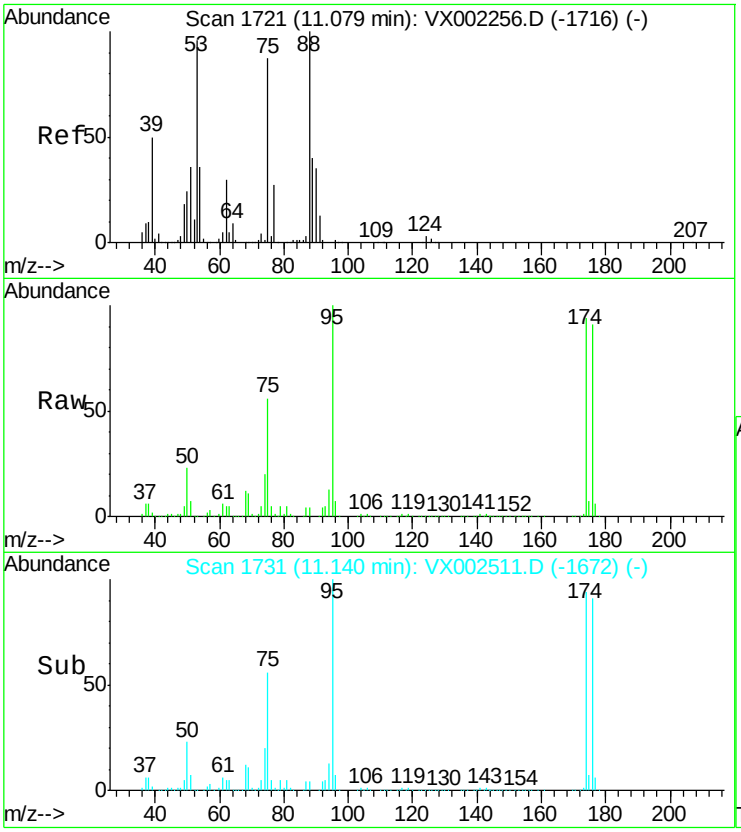


#76
1,2,3-Trichloropropane
Concen: 23.30 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Tgt Ion: 75 Resp: 87549

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002511.D
Acq: 13 Jun 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 87549

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