Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002432.D
Acq On : 09 Jun 2018 20:09
Operator : JC/MD
Sample : J3394-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 11 04:10:30 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	222819	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	325359	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	295838	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158814	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	154876	48.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.00%				
35) Dibromofluoromethane	5.51	113	114994	44.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.88%				
50) Toluene-d8	8.72	98	463857	47.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.60%				
62) 4-Bromofluorobenzene	11.14	95	158943	42.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.06%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	617	Below Cal		#	83
5) Bromomethane	1.66	94	1500	Below Cal		#	79
6) Chloroethane	1.60	64	7142	3.78	ug/l	#	49
8) Diethyl Ether	2.32	74	58	Below Cal			83
10) Methyl Iodide	2.53	142	1341	0.40	ug/l		96
11) Tert butyl alcohol	3.07	59	162	Below Cal		#	73
13) Acrolein	2.31	56	116	Below Cal		#	14
15) Acrylonitrile	3.14	53	211	Below Cal		#	62
16) Acetone	2.45	43	6516	Below Cal			96
18) Methyl Acetate	2.77	43	136	Below Cal		#	55
19) Methyl tert-butyl Ether	3.17	73	19	Below Cal		#	1
20) Methylene Chloride	2.86	84	840	Below Cal		#	84
22) Diisopropyl ether	3.87	45	52	Below Cal		#	70
25) 2-Butanone	4.73	43	482	0.22	ug/l	#	52
28) Bromochloromethane	5.06	49	27	Below Cal		#	13
29) Tetrahydrofuran	5.19	42	317	0.23	ug/l	#	36
31) Cyclohexane	5.67	56	5002	1.24	ug/l	#	11
36) 1,1-Dichloropropene	5.67	75	15583	4.56	ug/l	#	51
38) Carbon Tetrachloride	5.66	117	20429	5.71	ug/l	#	16
39) Methylcyclohexane	7.46	83	25	0.27	ug/l	#	62
76) 1,2,3-Trichloropropane	11.14	75	86025	24.69	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	86025	86.53	ug/l	#	7
87) 1,3-Dichlorobenzene	12.03	146	1215	0.22	ug/l		97
88) 1,4-Dichlorobenzene	12.03	146	1215	0.21	ug/l		97

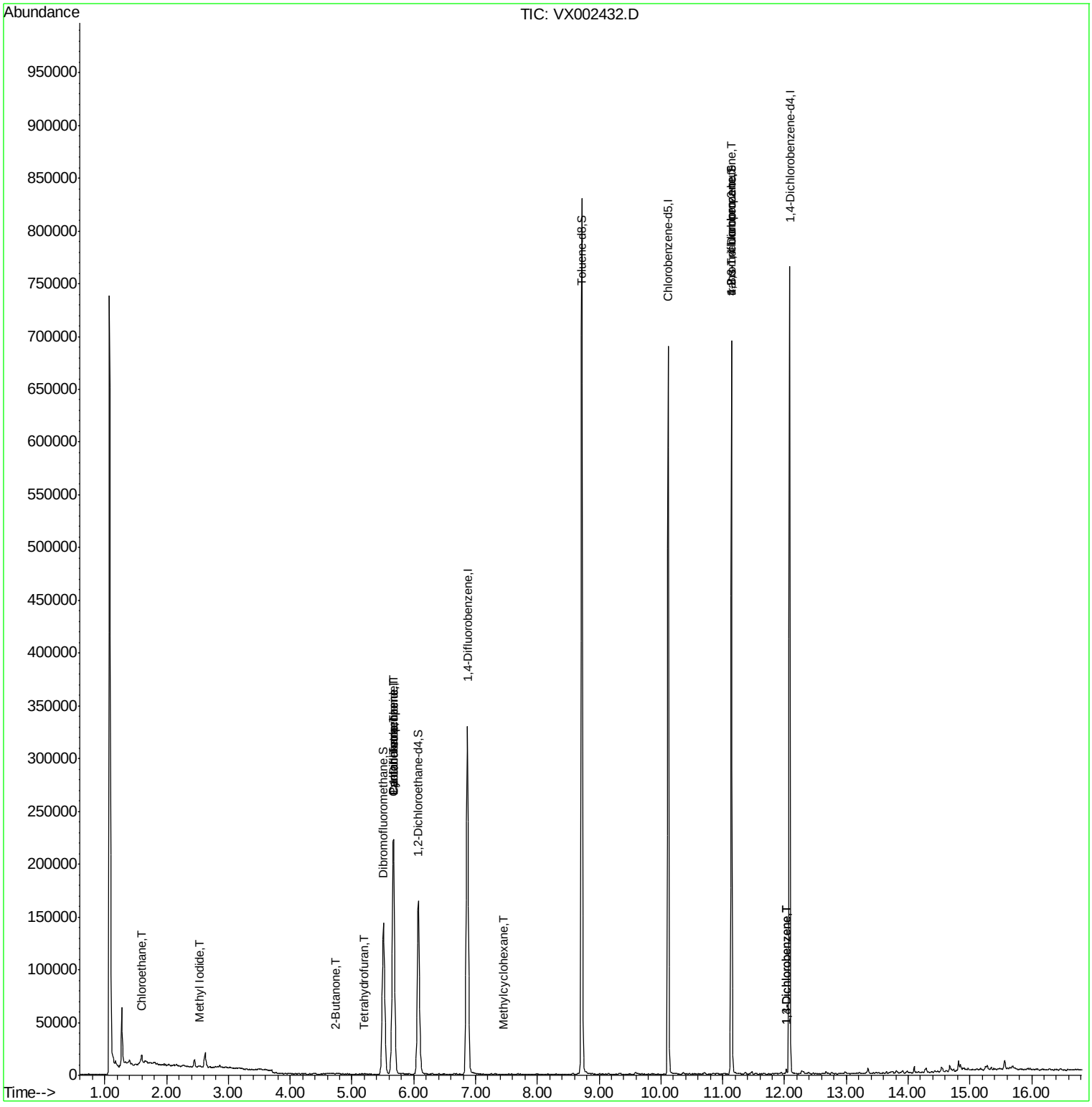
(#) = qualifier out of range (m) = manual integration (+) = signals summed

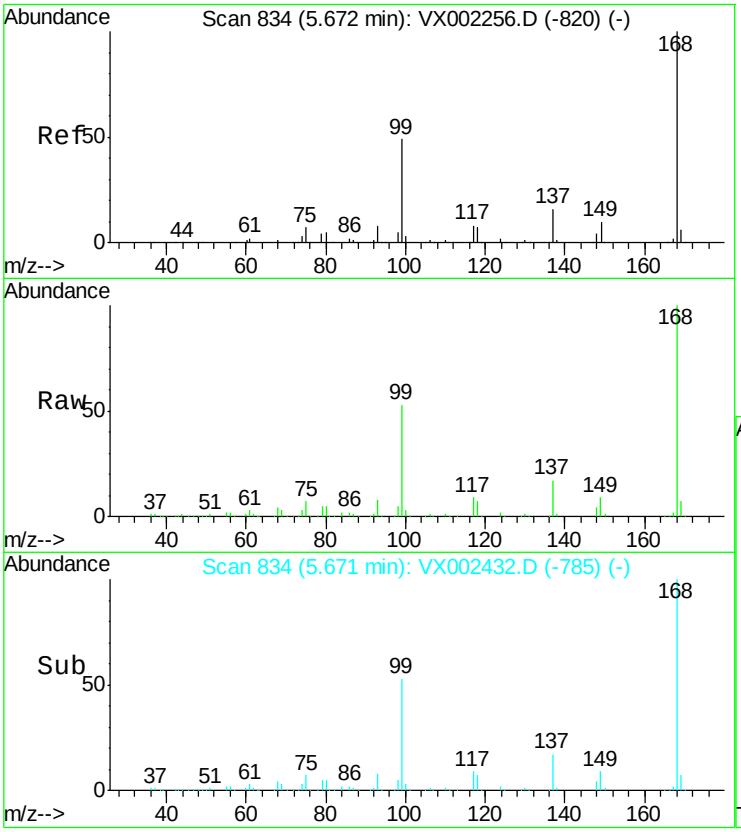
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002432.D
Acq On : 09 Jun 2018 20:09
Operator : JC/MD
Sample : J3394-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 04:10:30 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



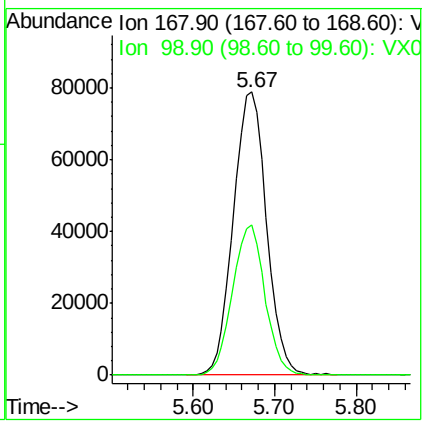


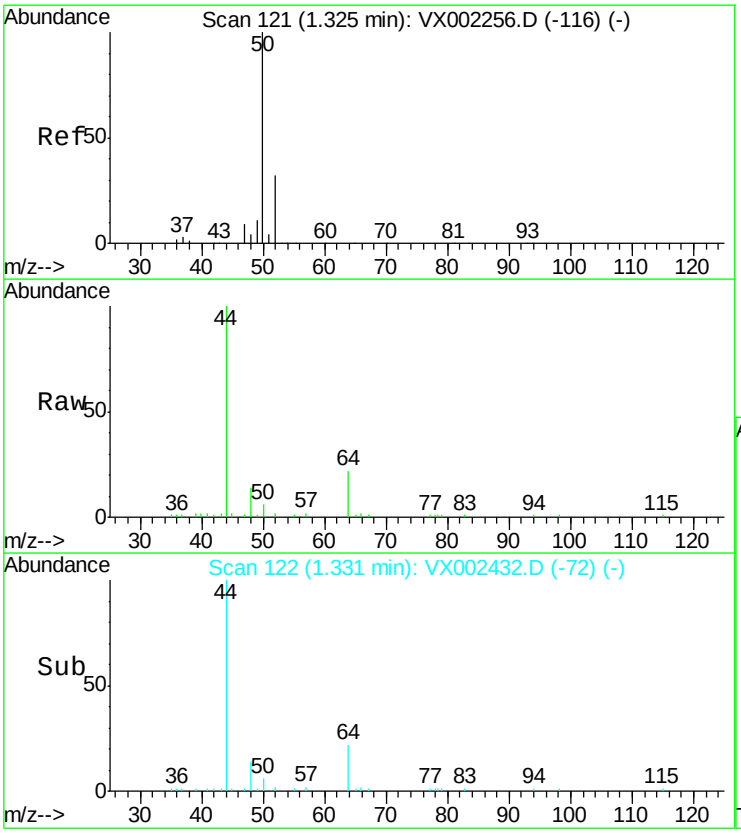
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 222819

Ion	Ratio	Lower	Upper
168	100		
99	53.3	39.3	58.9

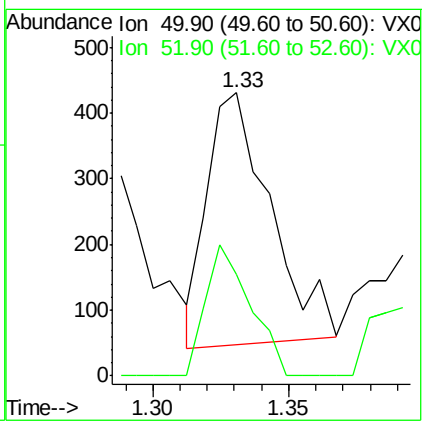


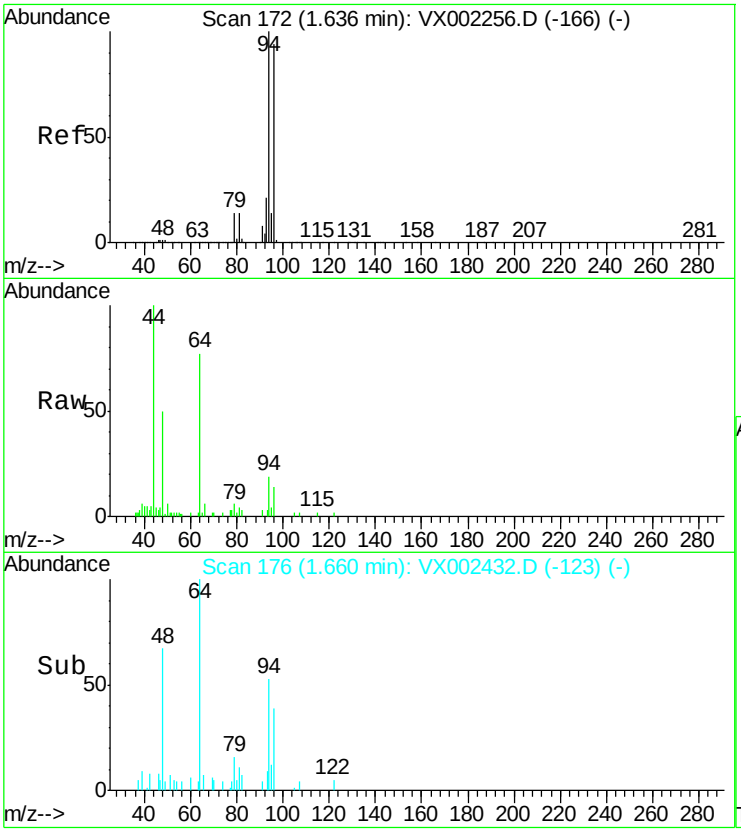


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 50 Resp: 617

Ion	Ratio	Lower	Upper
50	100		
52	41.7	25.7	38.5#



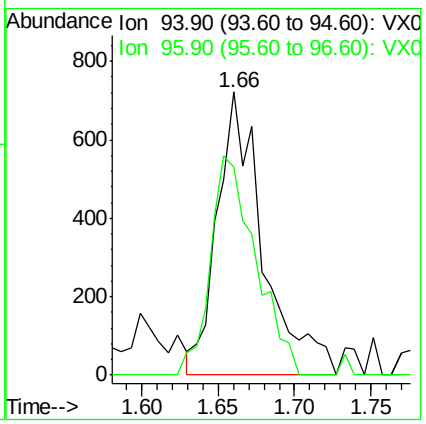


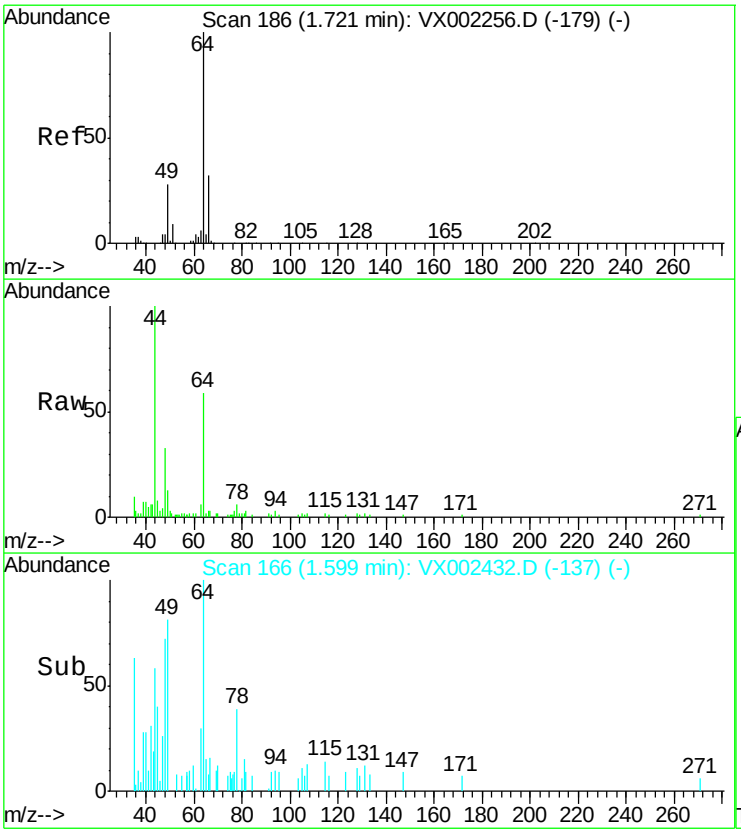
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1500

Ion	Ratio	Lower	Upper
94	100		
96	73.3	74.9	112.3#

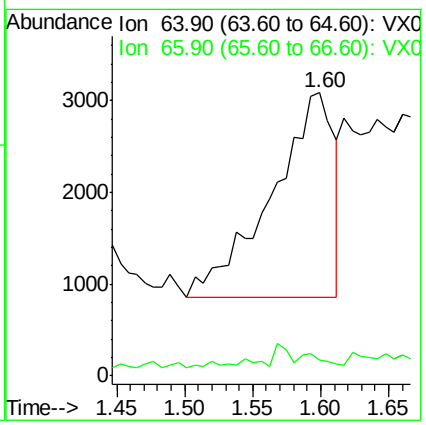


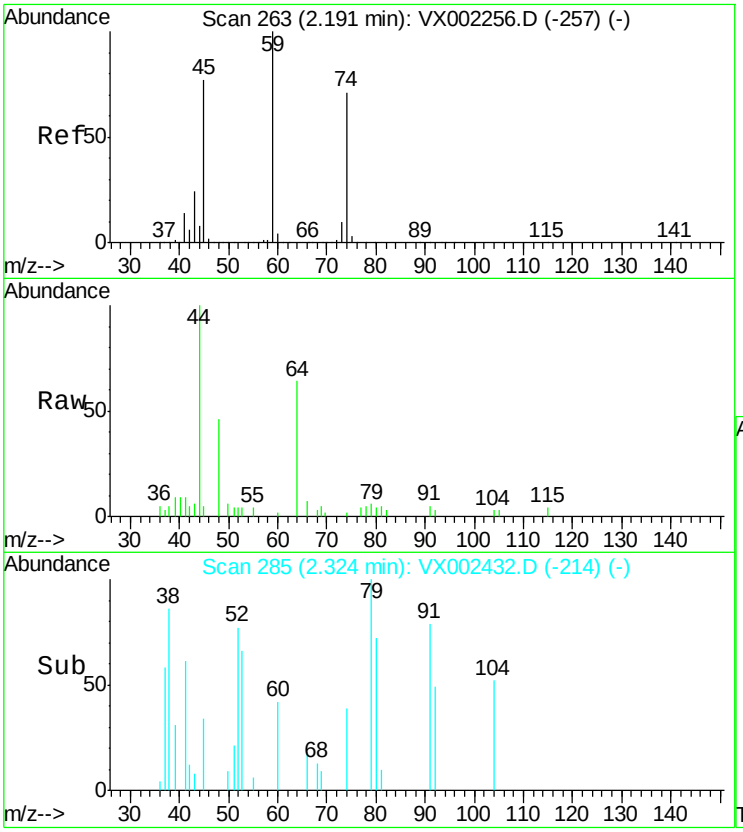


#6
Chloroethane
Concen: 3.78 ug/l
RT: 1.60 min Scan# 166
Delta R.T. -0.12 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 64 Resp: 7142

Ion	Ratio	Lower	Upper
64	100		
66	3.4	25.5	38.3#



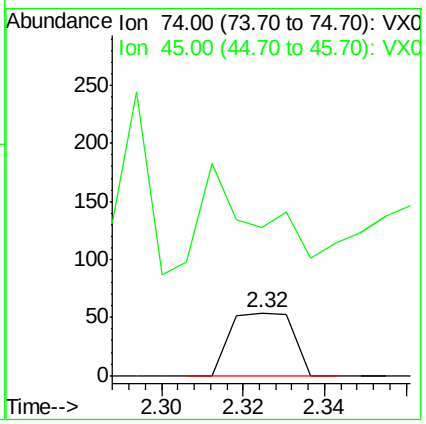


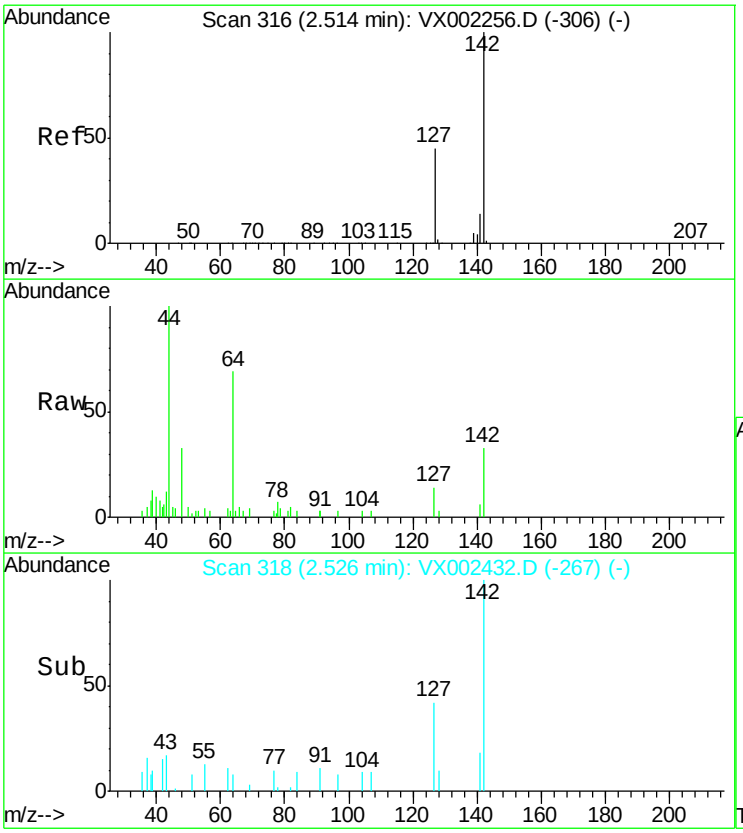
#8
Diethyl Ether
Concen: Below Cal
RT: 2.32 min Scan# 285
Delta R.T. 0.13 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 58

Ion	Ratio	Lower	Upper
74	100		
45	124.1	53.1	159.4

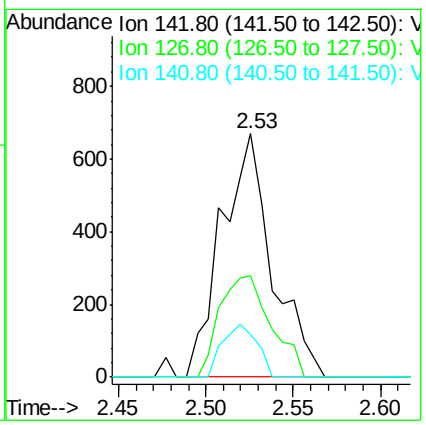


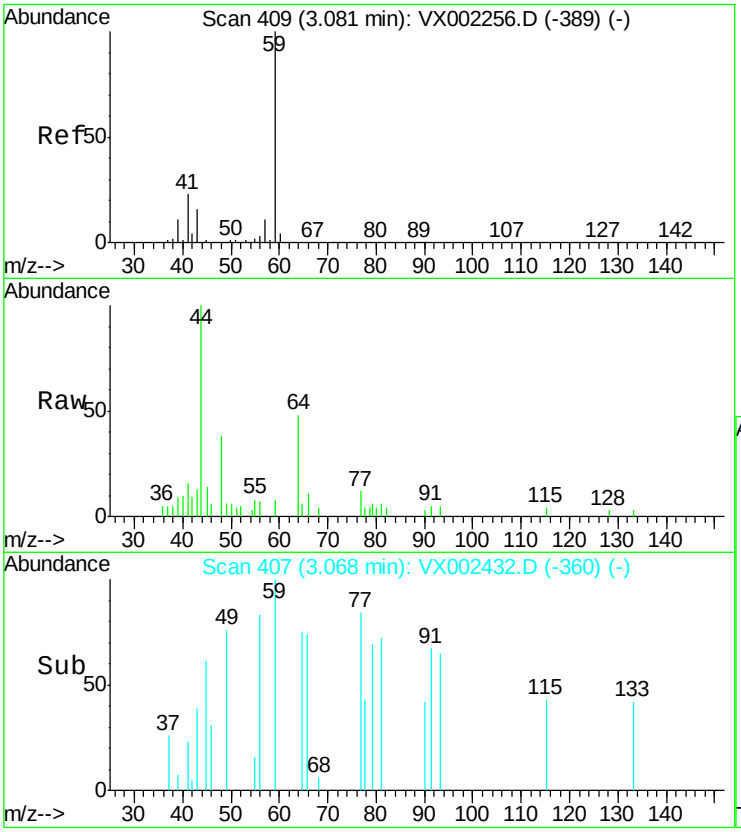


#10
Methyl Iodide
Concen: 0.40 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion:142 Resp: 1341

Ion	Ratio	Lower	Upper
142	100		
127	42.5	36.6	55.0
141	14.8	11.3	16.9



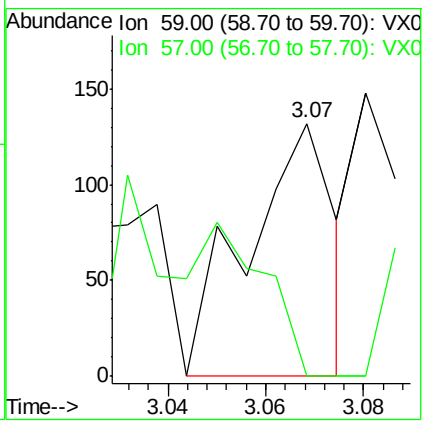


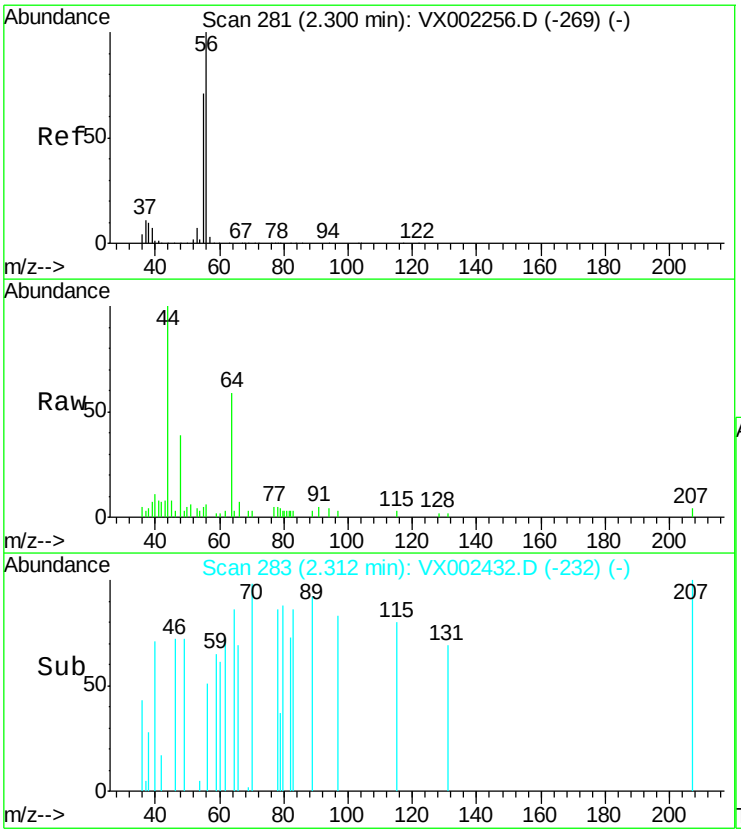
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 162

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

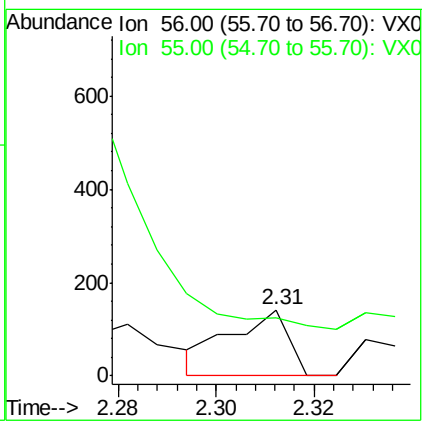


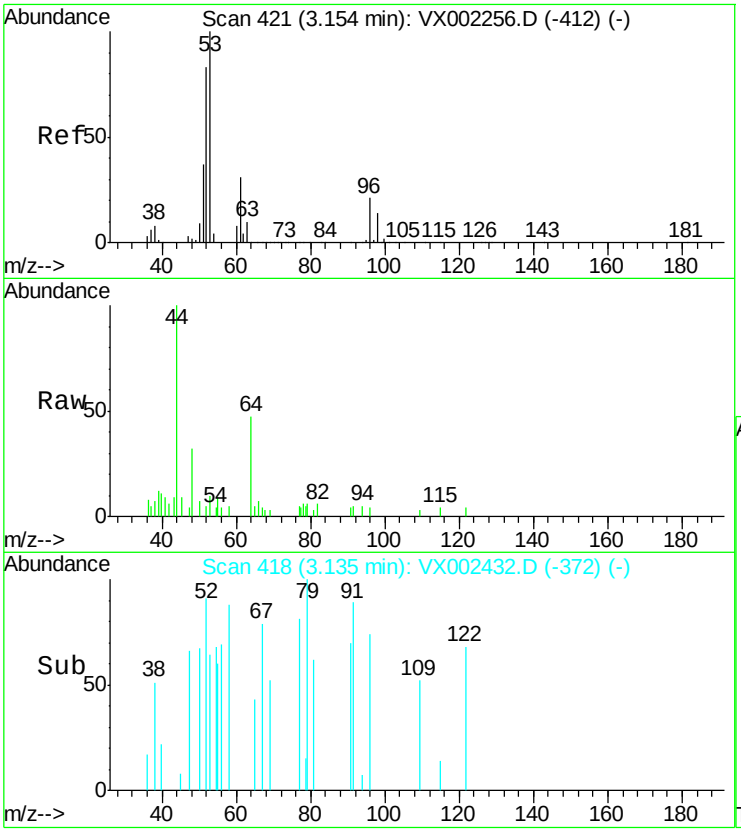


#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 56 Resp: 116

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



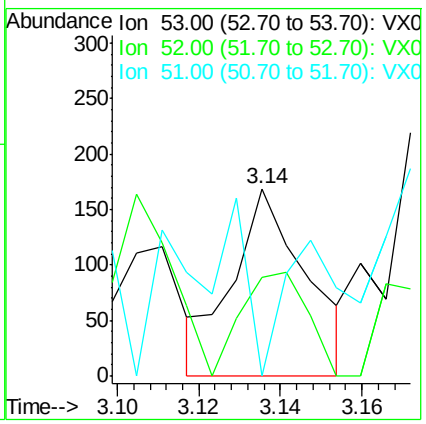


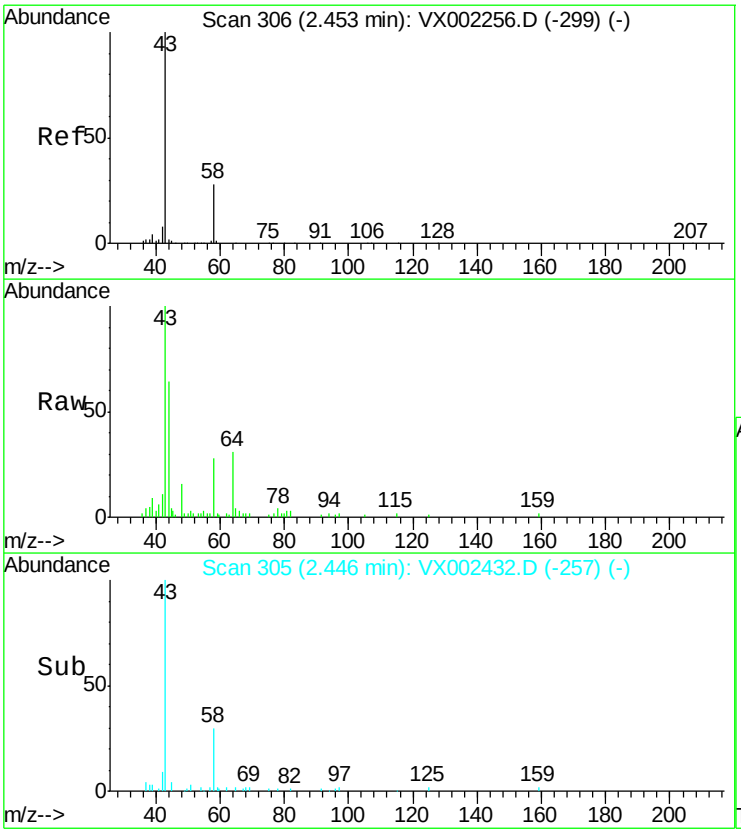
#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 418
Delta R.T. -0.02 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 211

Ion	Ratio	Lower	Upper
53	100		
52	50.2	66.7	100.1#
51	62.6	29.9	44.9#

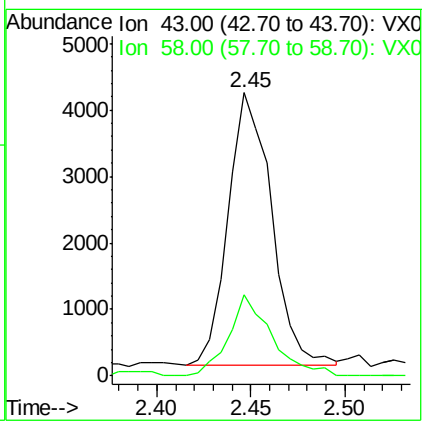


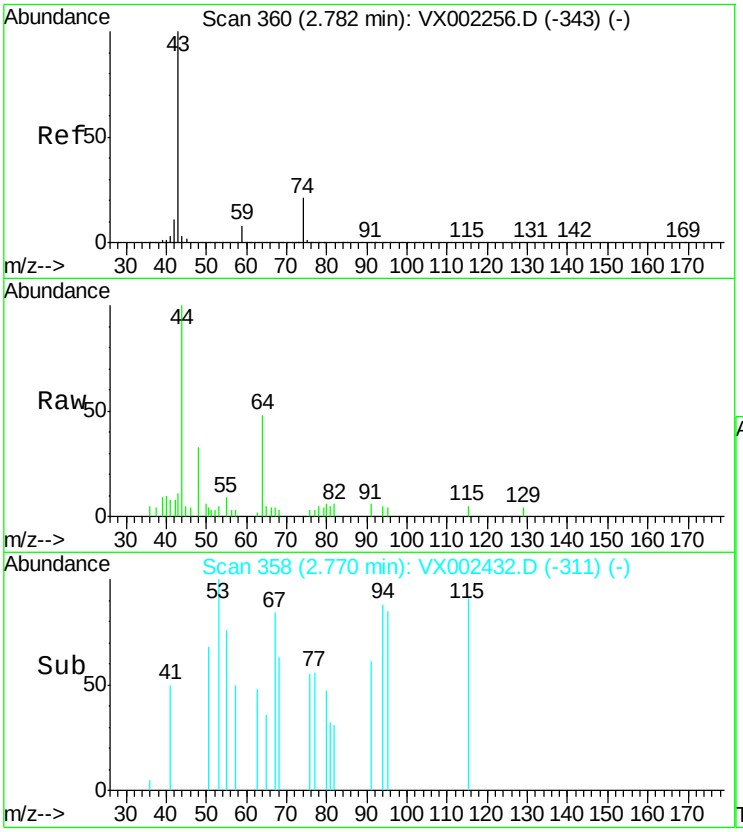


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 43 Resp: 6516

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.1	33.1



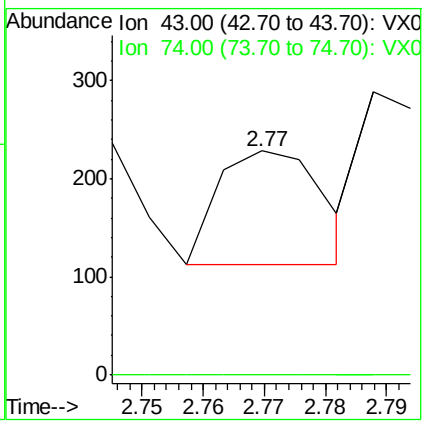


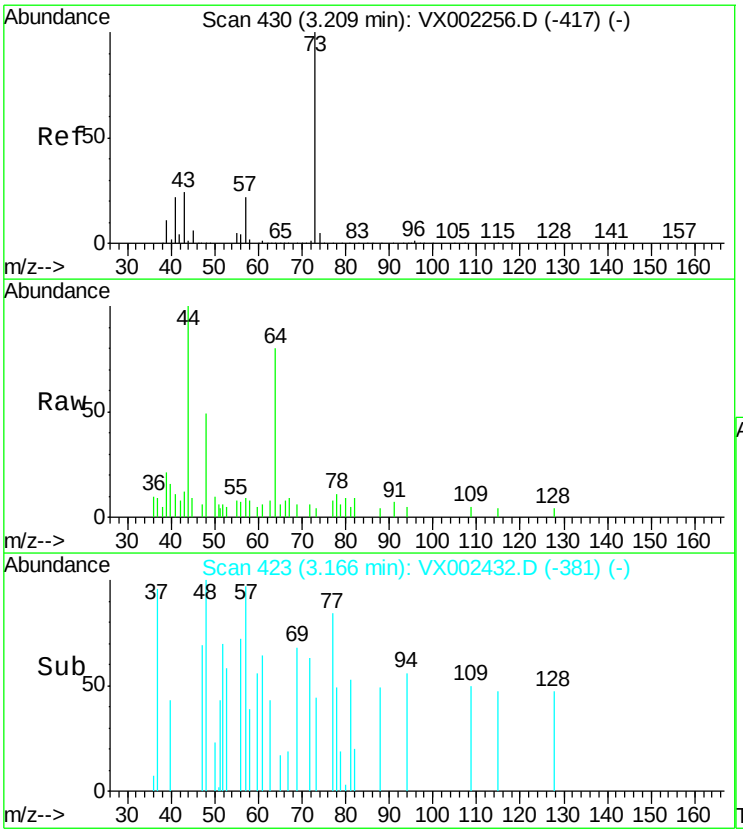
#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 136

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.7	25.1#

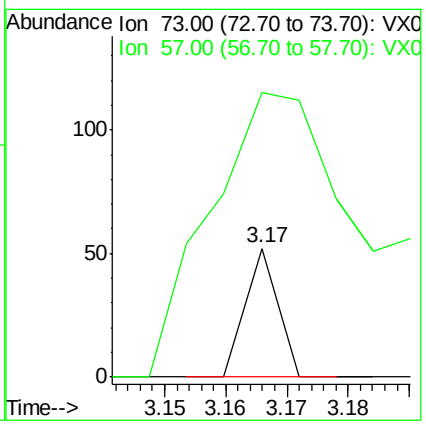


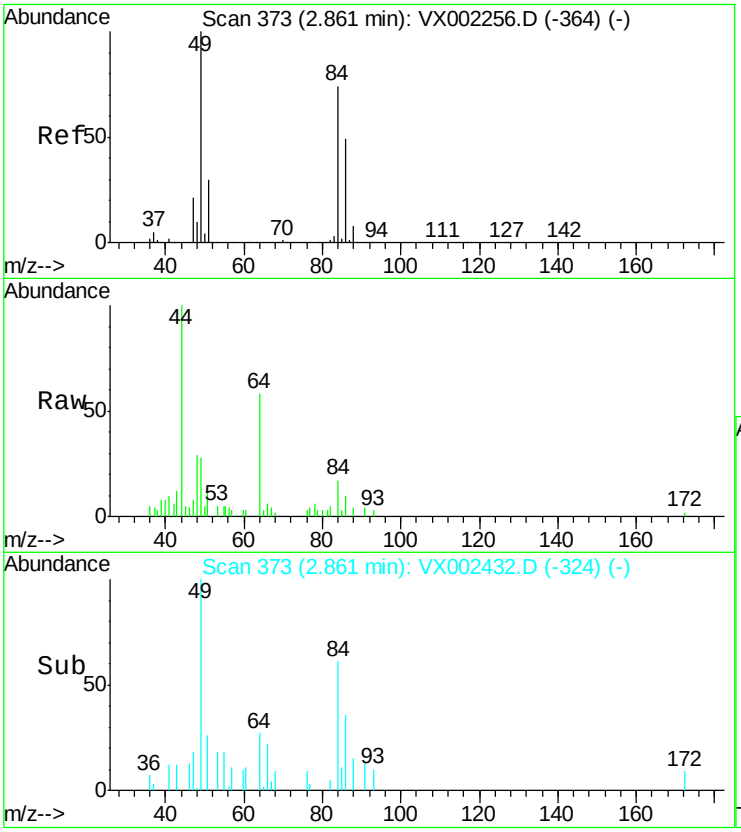


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.17 min Scan# 423
Delta R.T. -0.04 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 73 Resp: 19

Ion	Ratio	Lower	Upper
73	100		
57	117.3	17.7	26.5#



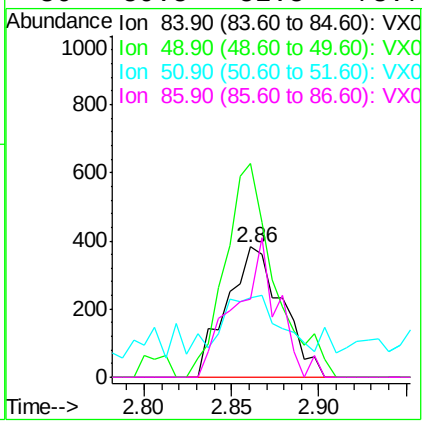


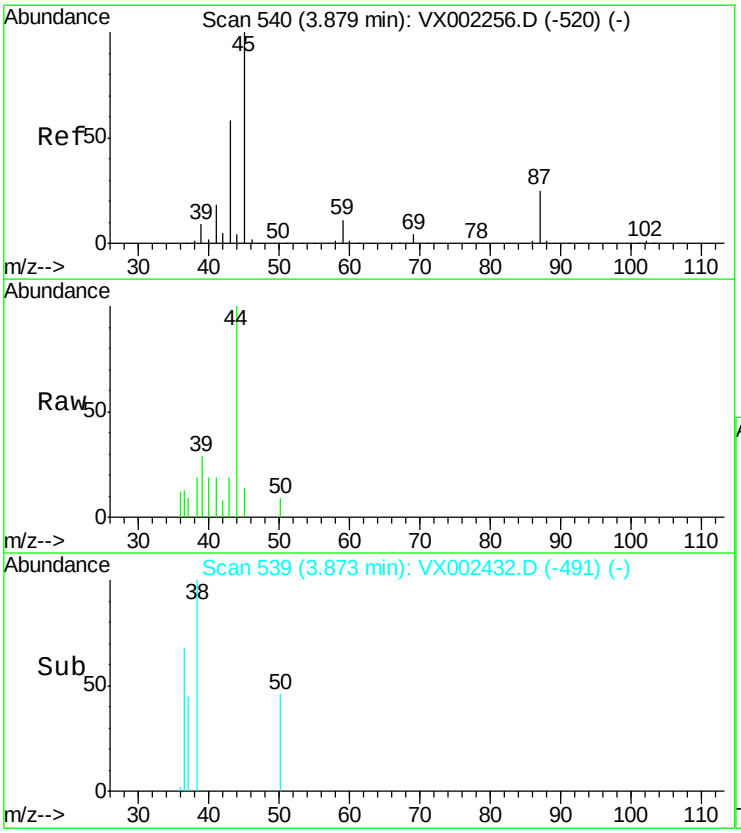
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 840

Ion	Ratio	Lower	Upper
84	100		
49	163.7	107.8	161.6#
51	43.9	32.8	49.2
86	59.5	52.5	78.7

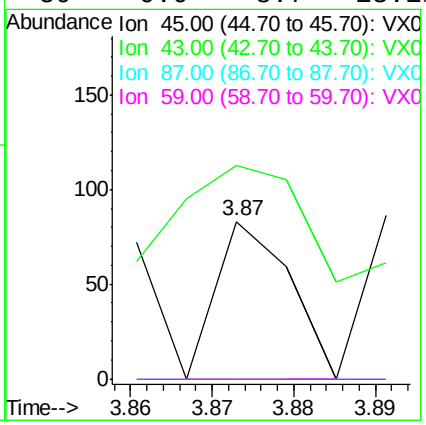


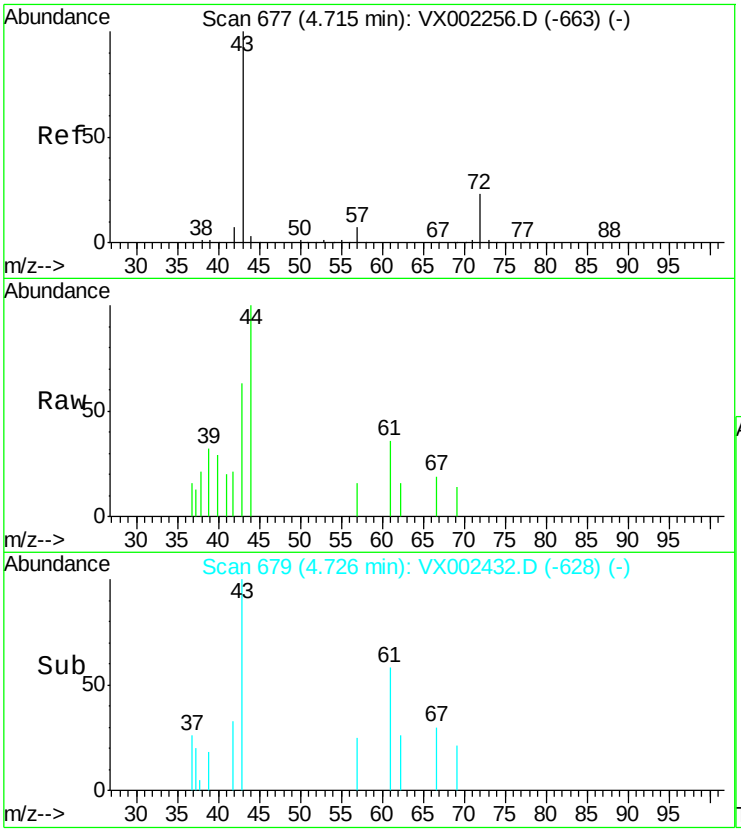


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 45 Resp: 52

Ion	Ratio	Lower	Upper
45	100		
43	74.7	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



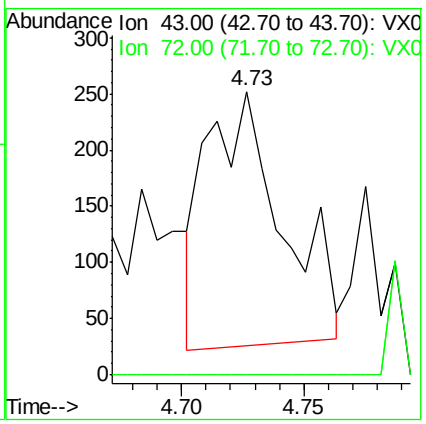


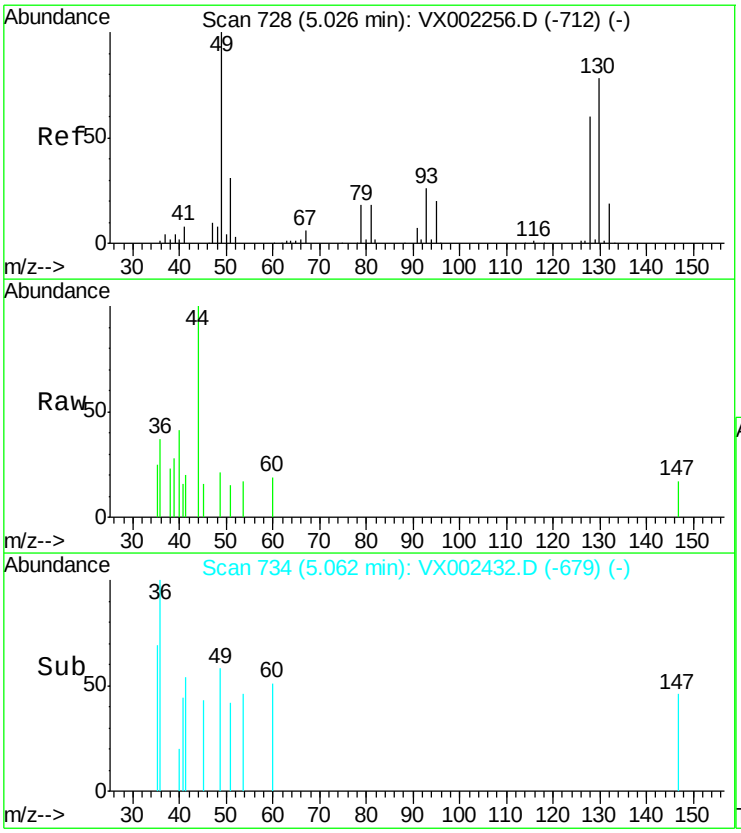
#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.73 min Scan# 679
Delta R.T. 0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 482

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#

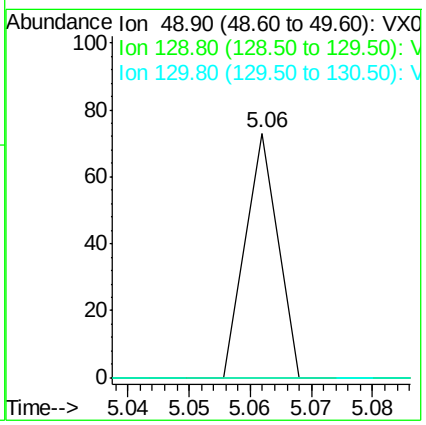


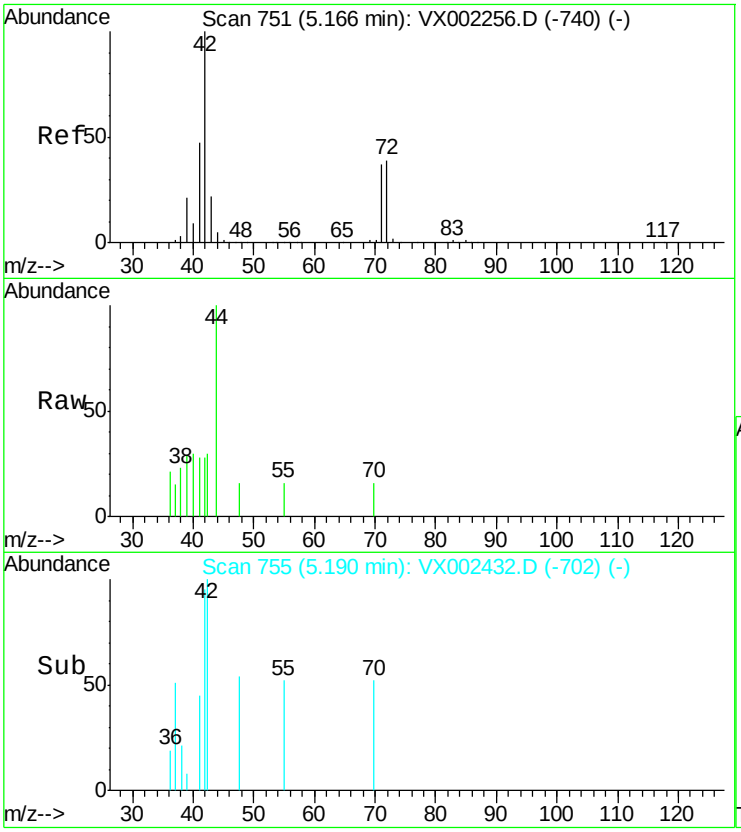


#28
Bromochloromethane
Concen: Below Cal
RT: 5.06 min Scan# 734
Delta R.T. 0.04 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 49 Resp: 27

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



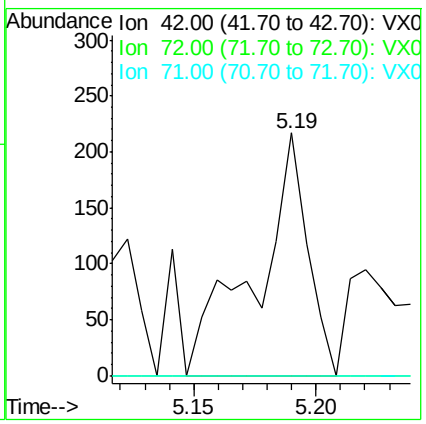


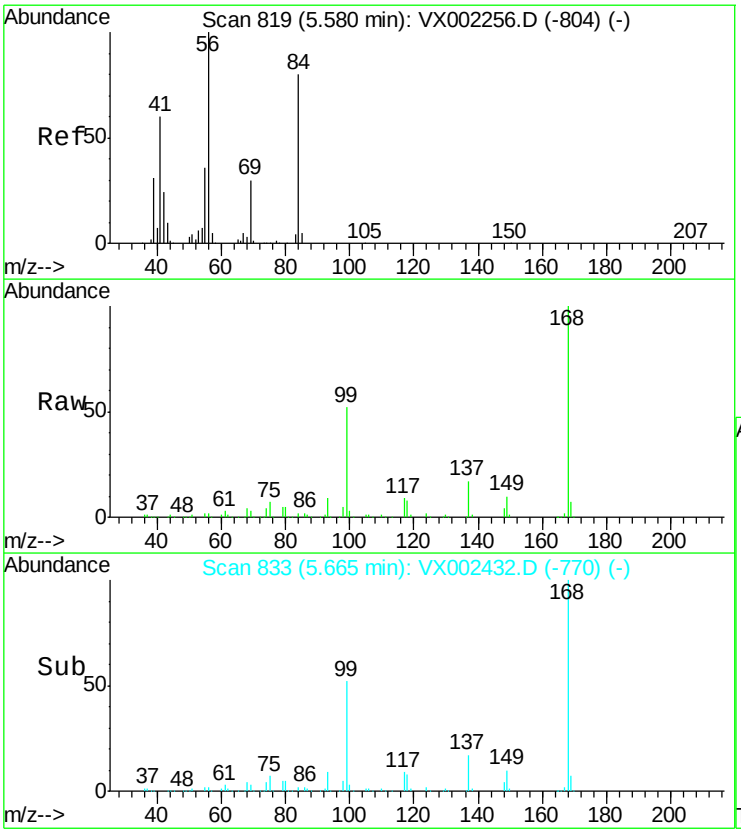
#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 317

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.1	45.1#

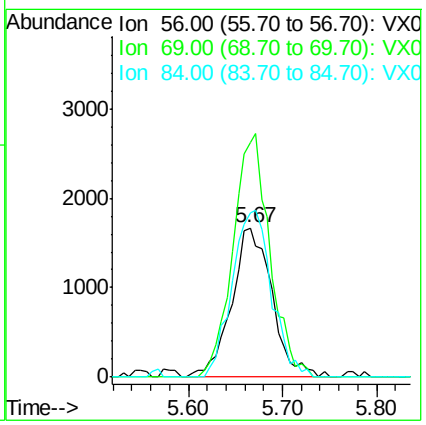


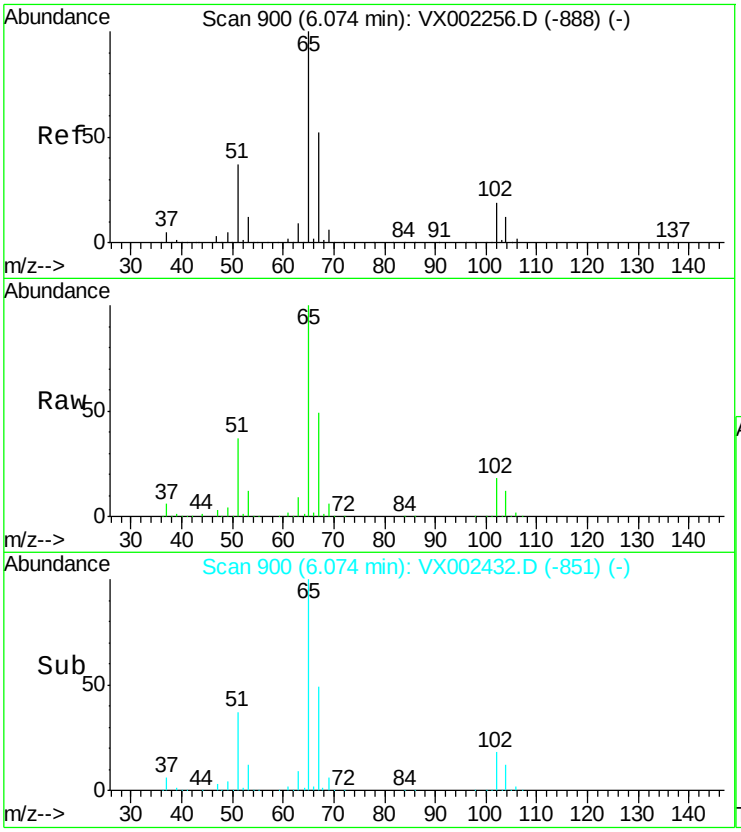


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 56 Resp: 5002

Ion	Ratio	Lower	Upper
56	100		
69	157.4	23.7	35.5#
84	110.6	64.1	96.1#



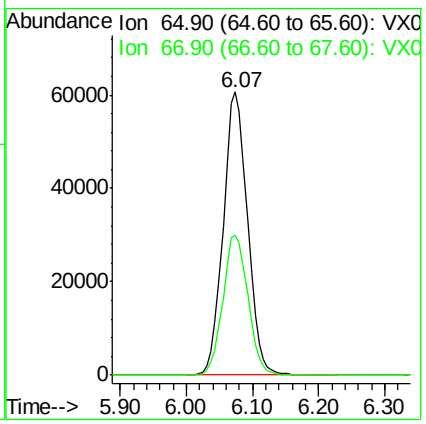


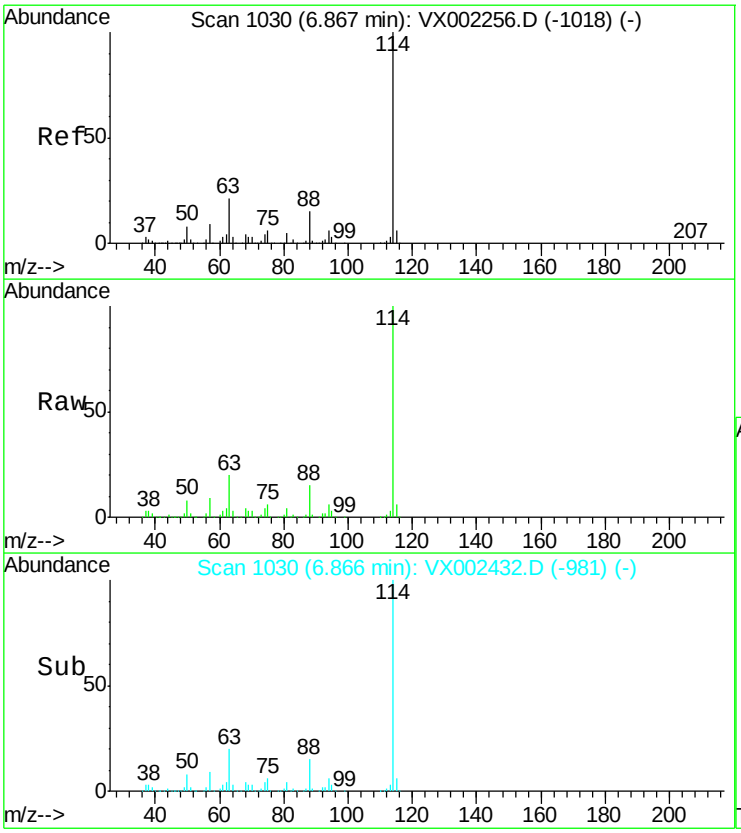
#33
1,2-Dichloroethane-d4
Concen: 48.50 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 154876

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

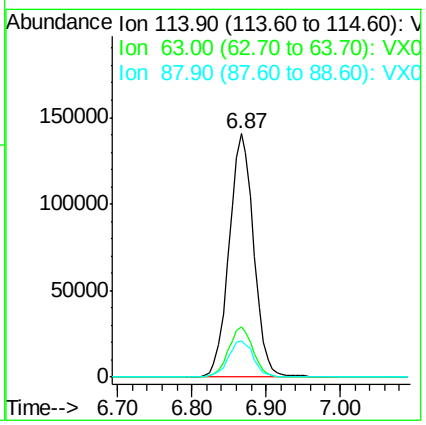


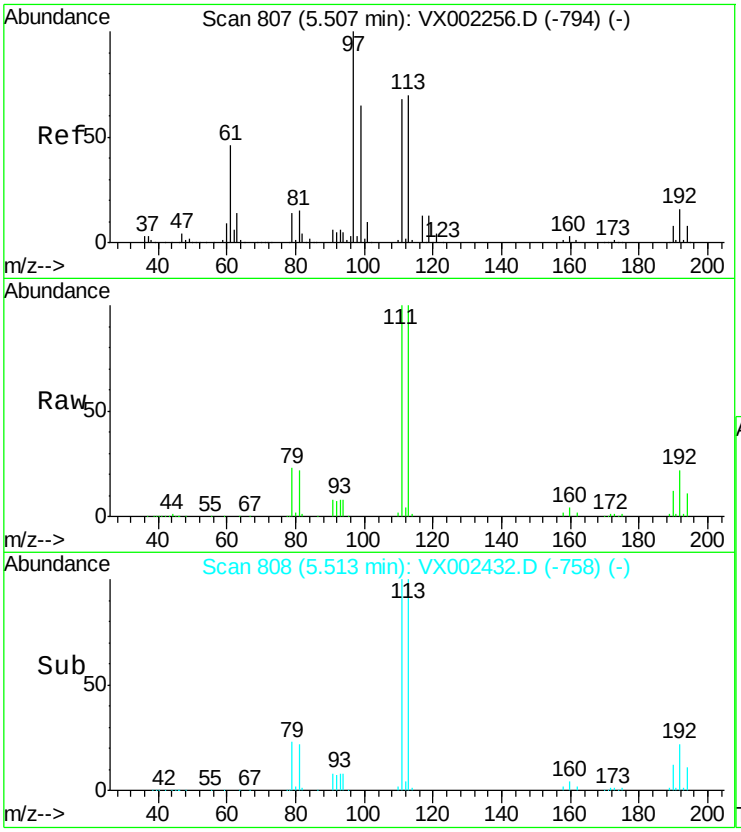


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion:114 Resp: 325359

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.6	0.0	30.0



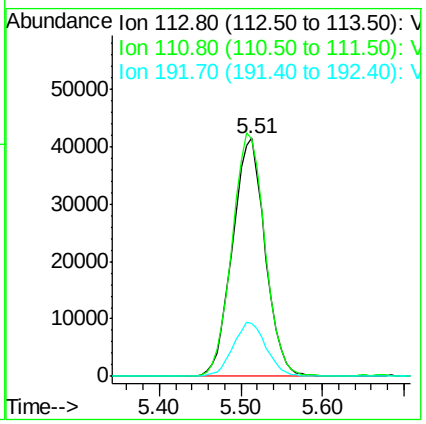


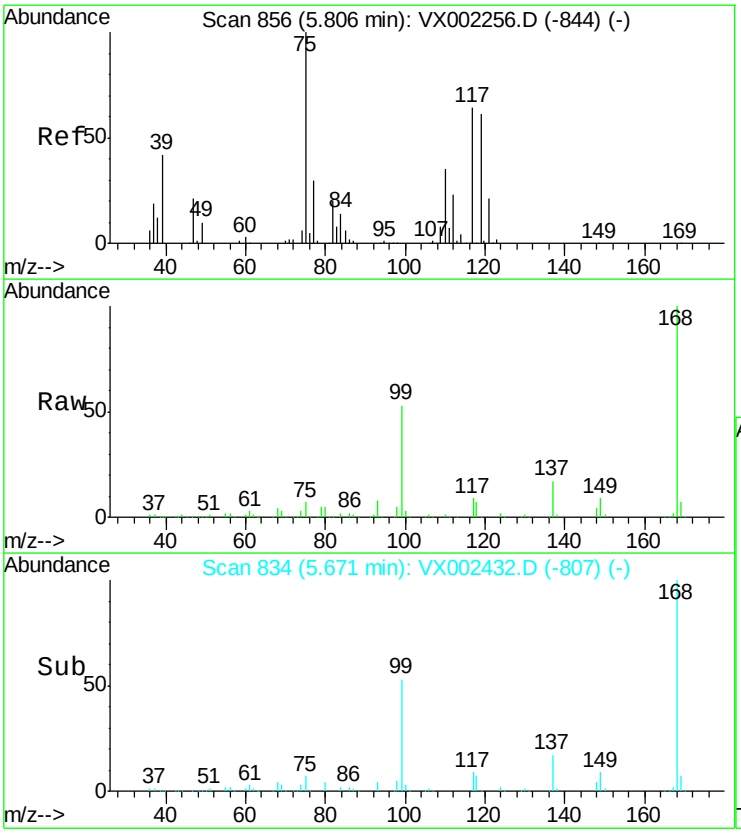
#35
Dibromofluoromethane
Concen: 44.94 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 114994

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	22.9	19.1	28.7

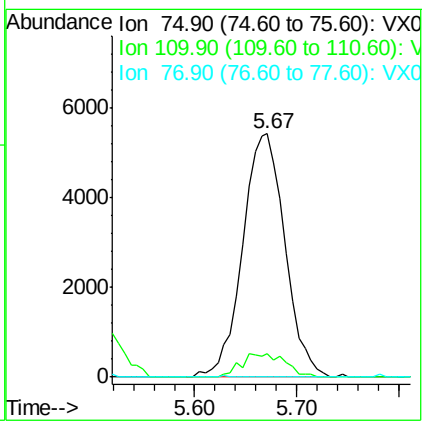


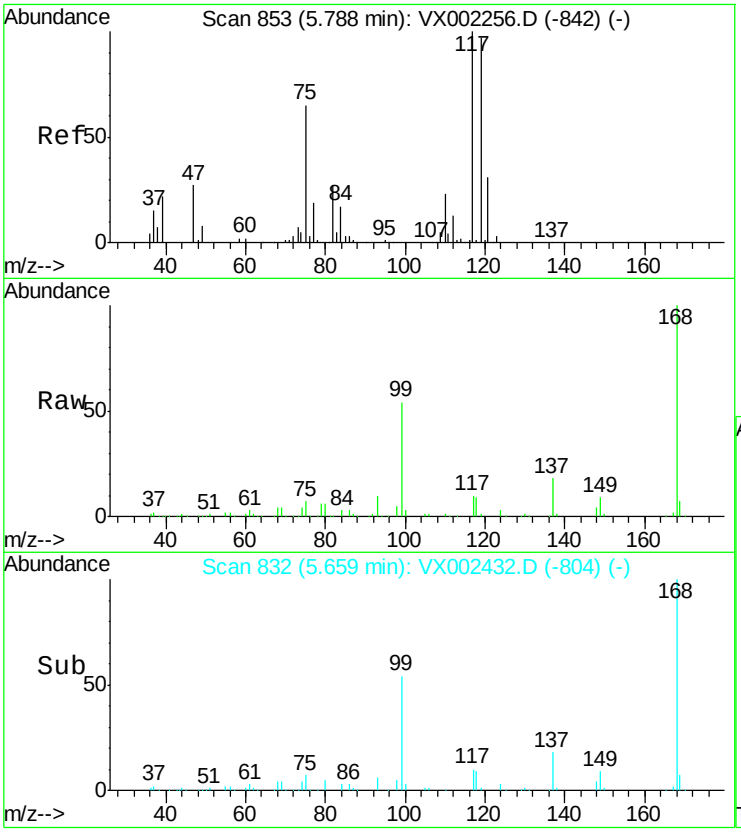


#36
1,1-Dichloropropene
Concen: 4.56 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 75 Resp: 15583

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	24.3	36.5#



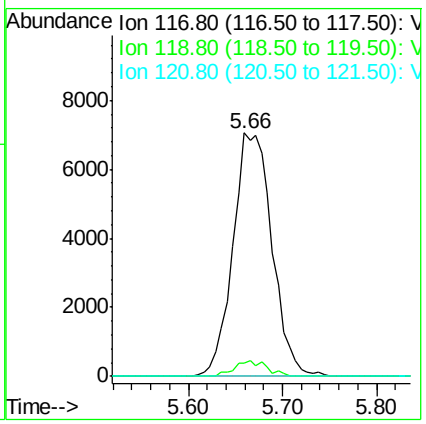


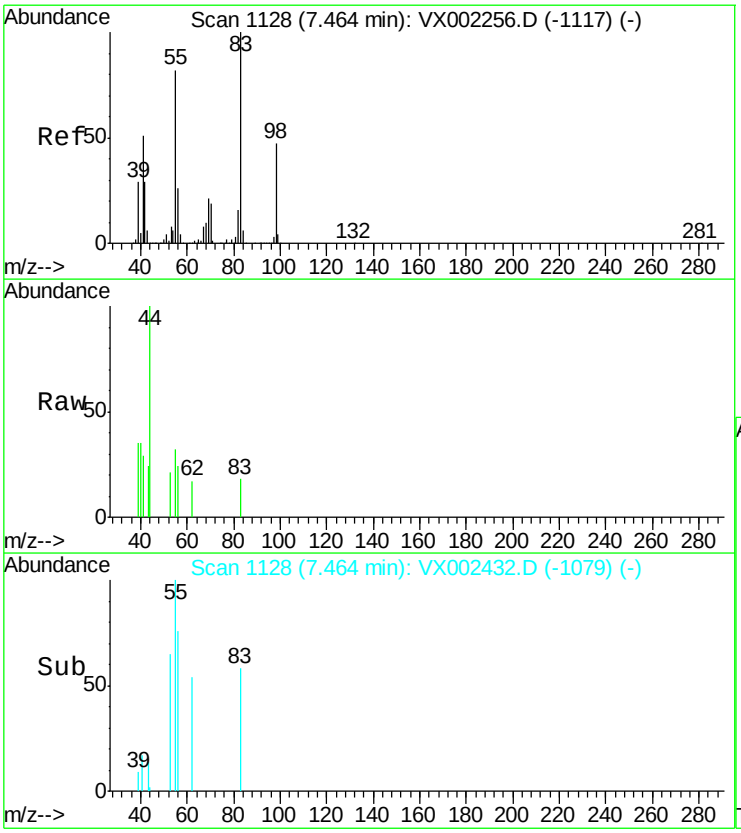
#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20429

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	24.4	36.6#

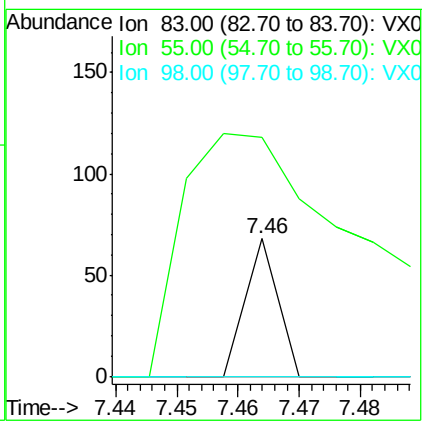


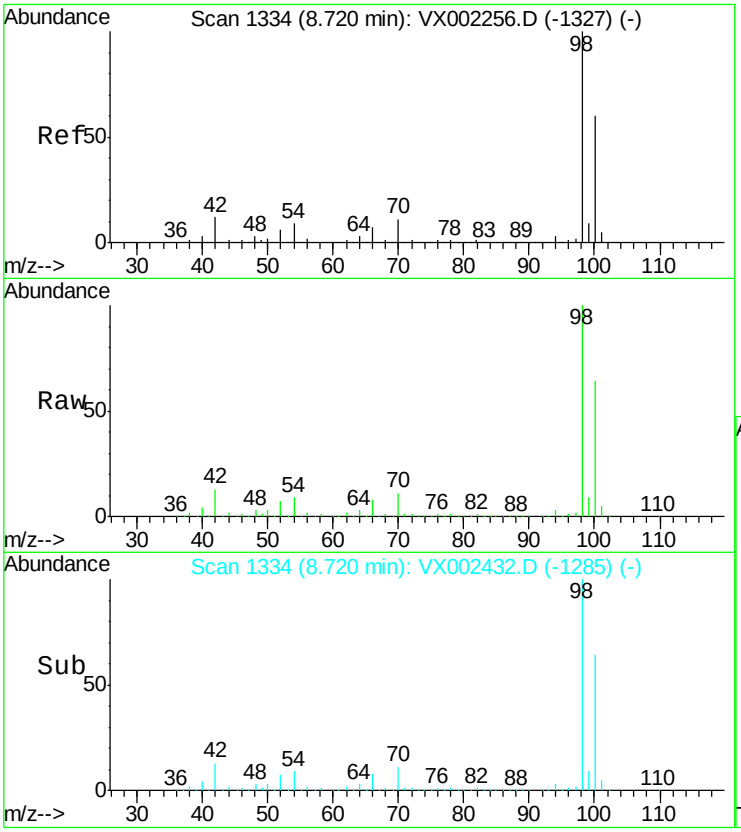


#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
55	64.7	65.4	98.0#
98	0.0	37.4	56.0#



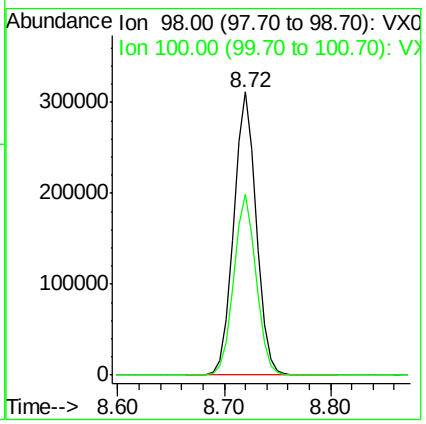


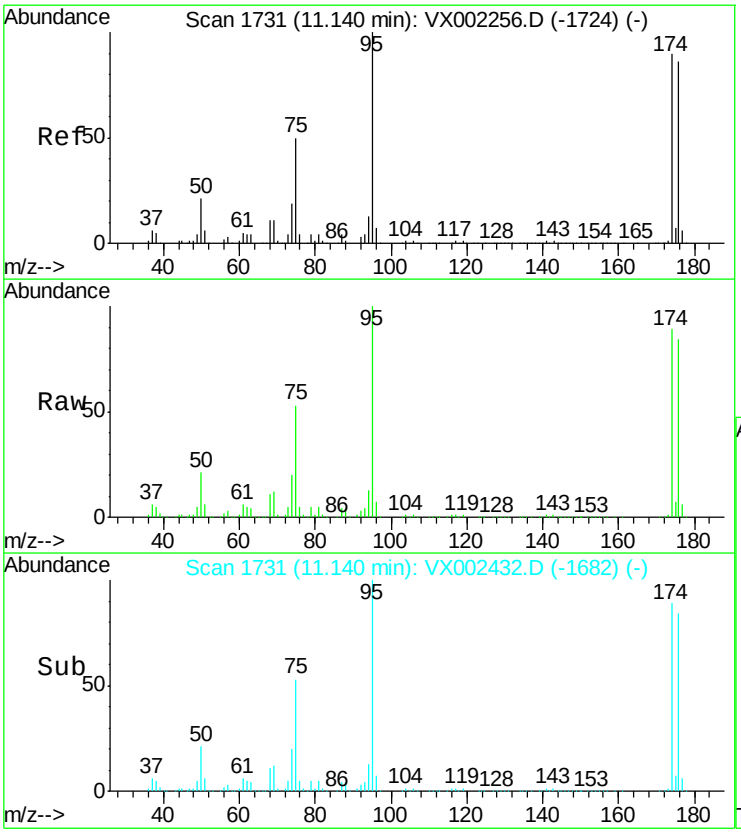
#50
Toluene-d8
Concen: 47.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 463857

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3

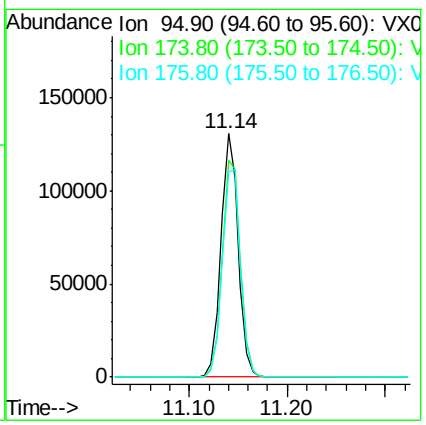


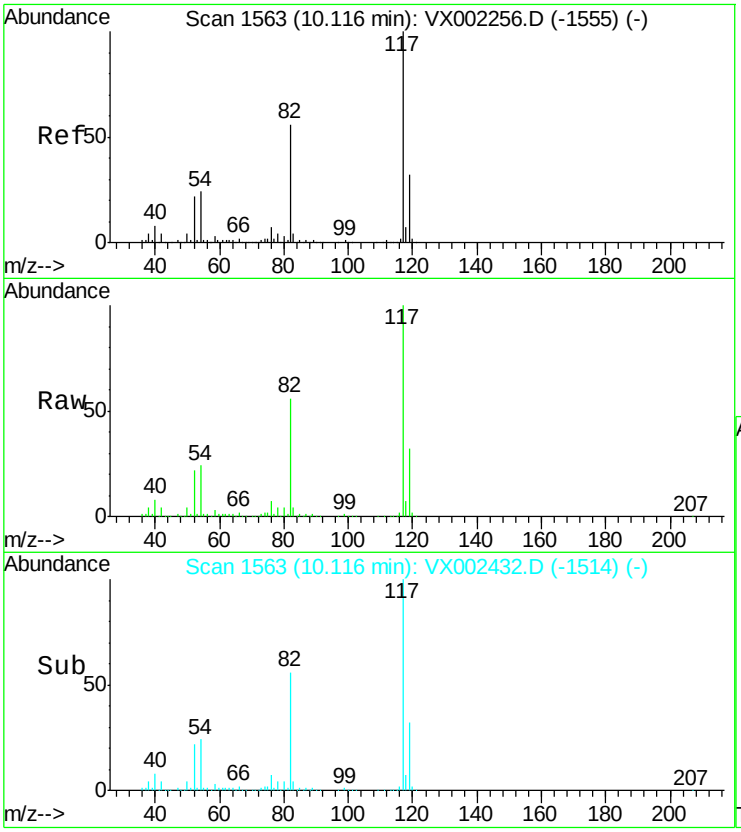


#62
4-Bromofluorobenzene
Concen: 42.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 95 Resp: 158943

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	187.4
176	90.7	0.0	181.0



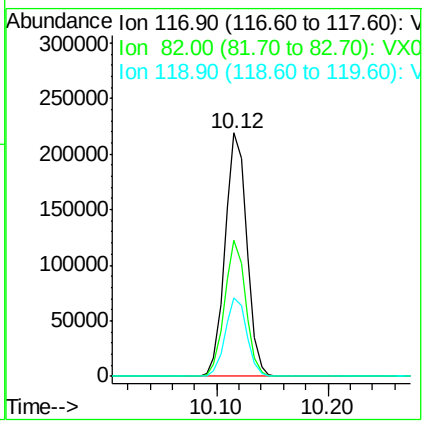


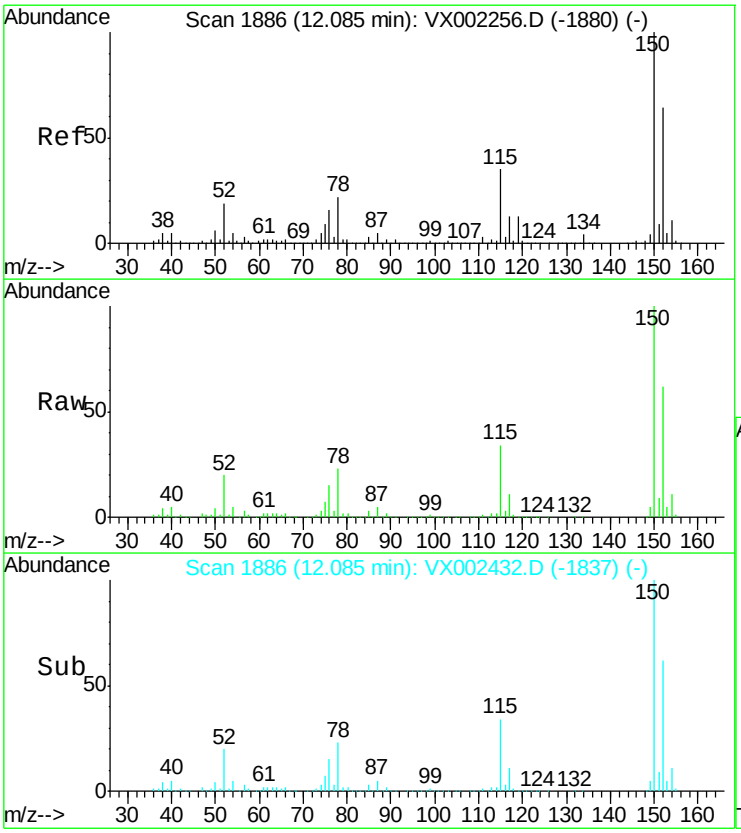
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 295838

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.0	67.4
119	32.0	25.8	38.6

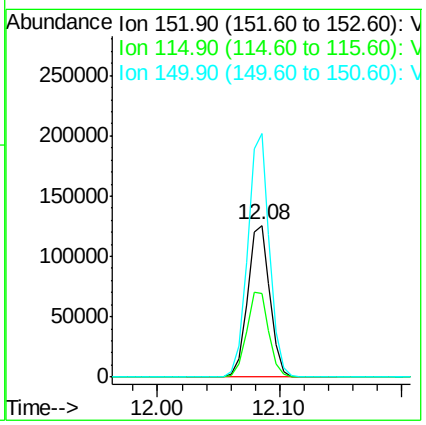


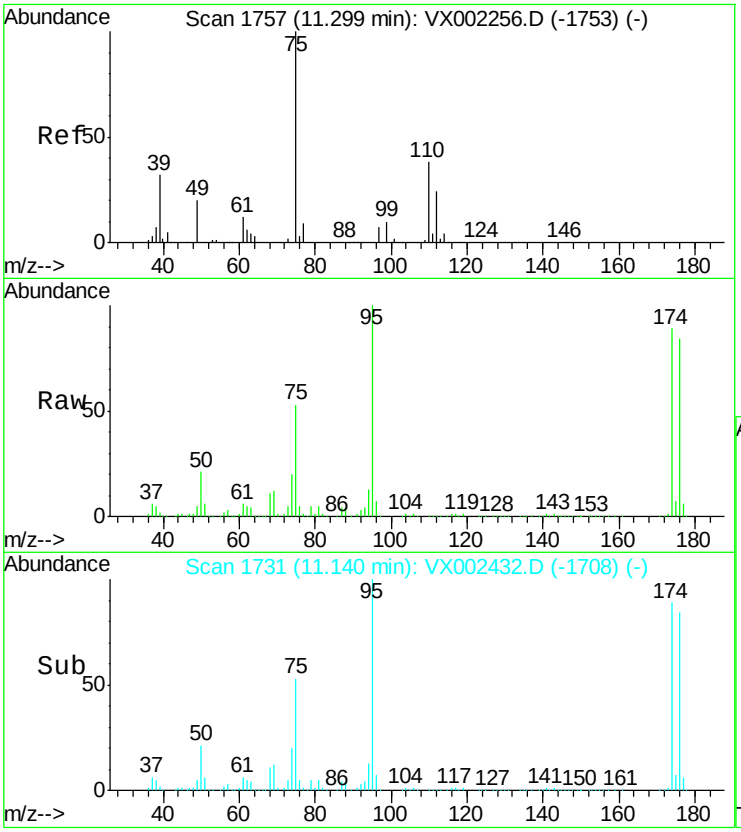


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion:152 Resp: 158814

Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.1	120.2
150	157.3	0.0	347.2



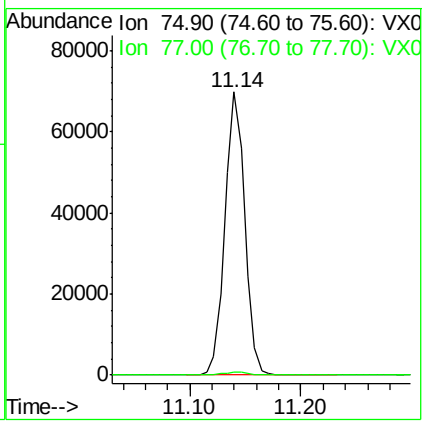


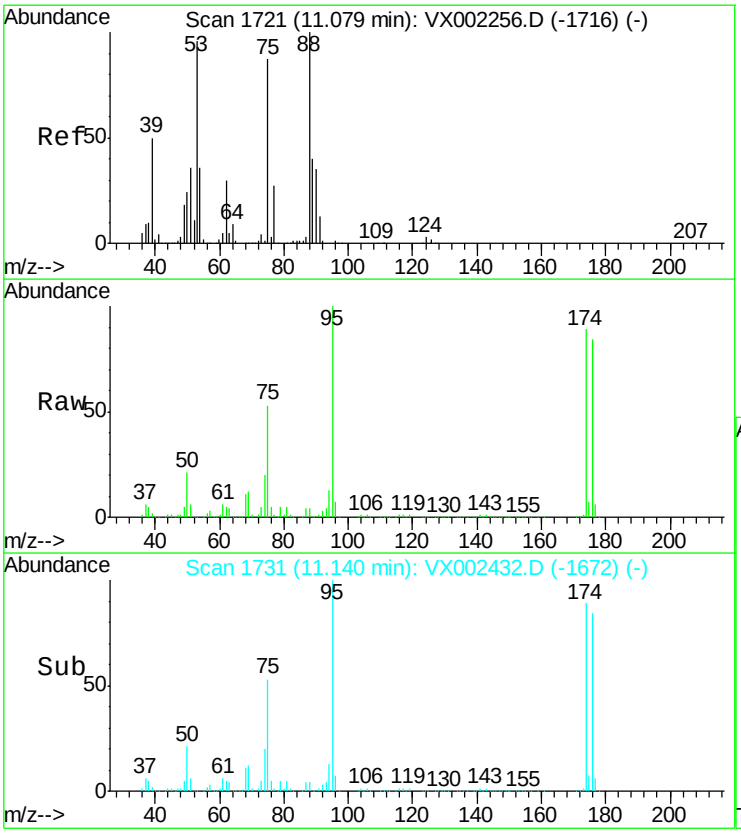
#76
1,2,3-Trichloropropane
Concen: 24.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 86025

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

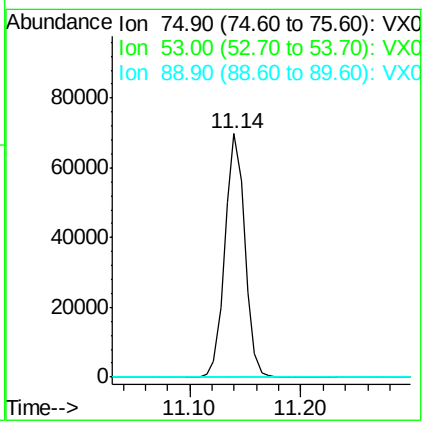


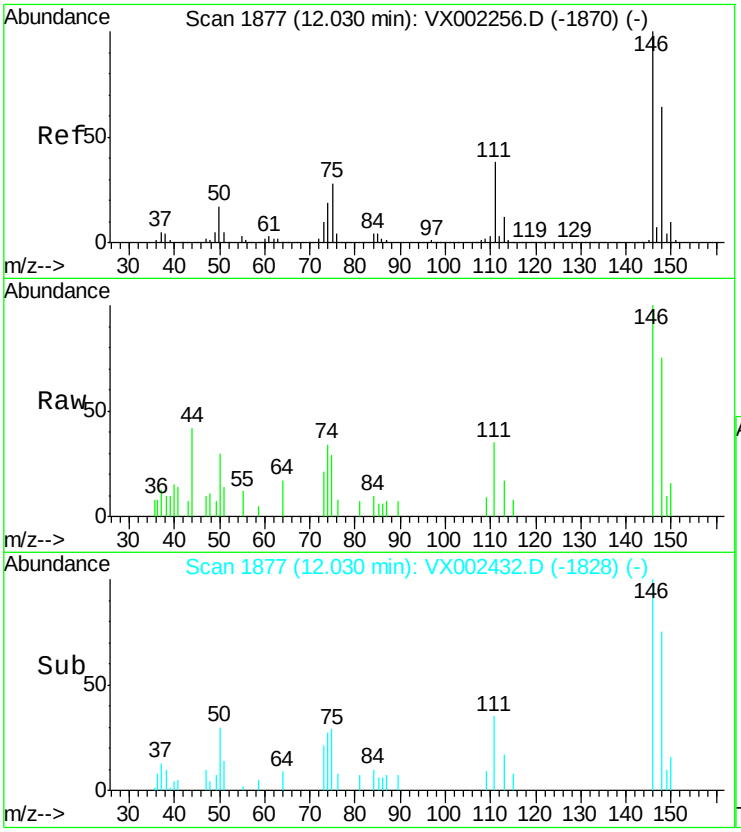


#81
trans-1,4-Dichloro-2-butene
Concen: 86.53 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion: 75 Resp: 86025

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



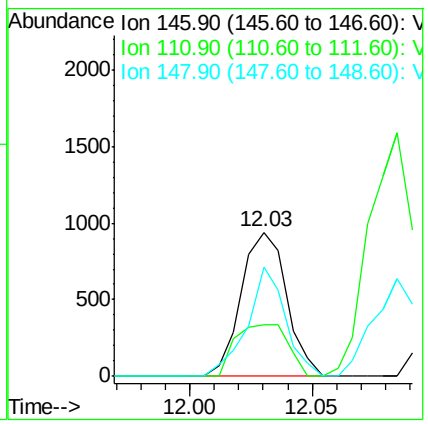


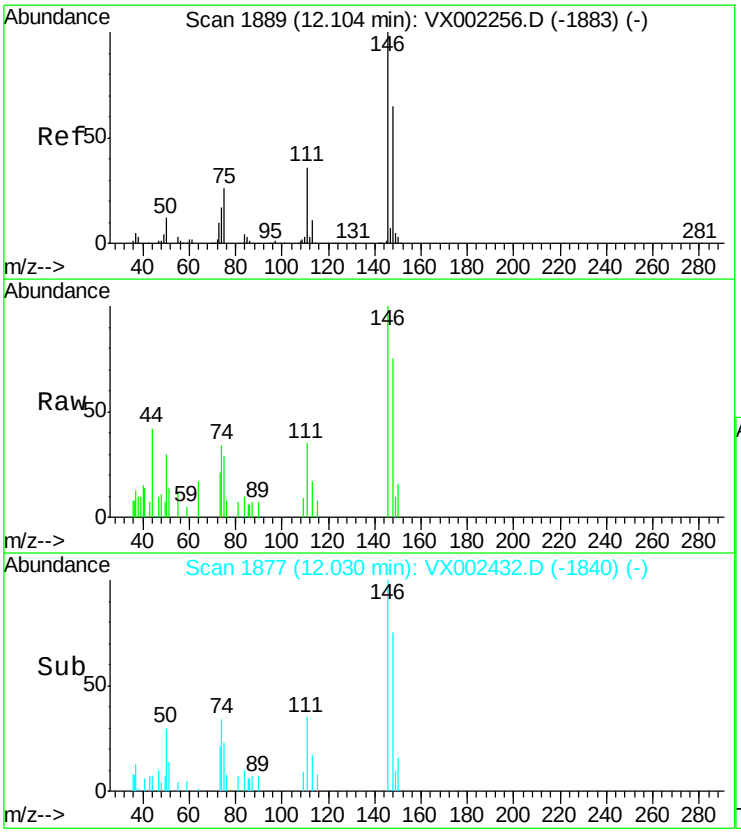
#87
1,3-Dichlorobenzene
Concen: 0.22 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 1215

Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.9	56.7
148	64.0	32.1	96.3





#88
1,4-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.07 min
Lab File: VX002432.D
Acq: 09 Jun 2018 20:09

Tgt Ion:146 Resp: 1215

Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.7	56.1
148	64.0	32.4	97.0