Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002578.D
Acq On : 15 Jun 2018 03:49
Operator : JC/MD
Sample : J3465-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 07:03:08 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	223616	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	328685	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	307532	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178967	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	159600	49.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.80%				
35) Dibromofluoromethane	5.51	113	118456	45.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.66%				
50) Toluene-d8	8.72	98	473093	47.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.50%				
62) 4-Bromofluorobenzene	11.14	95	170897	44.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.46%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	437	Below Cal			92
5) Bromomethane	1.66	94	868	Below Cal		#	66
8) Diethyl Ether	2.20	74	181	Below Cal			77
10) Methyl Iodide	2.54	142	764	0.23	ug/l	#	39
11) Tert butyl alcohol	3.05	59	104	Below Cal		#	1
13) Acrolein	2.29	56	303	Below Cal		#	27
15) Acrylonitrile	3.16	53	131	Below Cal		#	53
16) Acetone	2.45	43	23274	Below Cal			99
18) Methyl Acetate	2.78	43	23050	4.75	ug/l		98
19) Methyl tert-butyl Ether	3.20	73	69	Below Cal		#	1
20) Methylene Chloride	2.86	84	4300	Below Cal			88
22) Diisopropyl ether	3.87	45	290	Below Cal		#	35
25) 2-Butanone	4.71	43	5674	2.59	ug/l		95
28) Bromochloromethane	5.01	49	23	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	2075	1.47	ug/l	#	91
31) Cyclohexane	5.67	56	5148	1.28	ug/l	#	17
36) 1,1-Dichloropropene	5.67	75	15986	4.63	ug/l	#	46
38) Carbon Tetrachloride	5.67	117	20982	5.80	ug/l	#	15
39) Methylcyclohexane	7.46	83	238	0.32	ug/l	#	65
51) 4-Methyl-2-Pentanone	8.66	43	2535	0.58	ug/l		99
65) Chlorobenzene	10.14	112	3453	0.45	ug/l	#	86
76) 1,2,3-Trichloropropane	11.14	75	91734	23.36	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	2217	0.21	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	91734	81.88	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	8210	0.75	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	204	0.24	ug/l	#	1
95) Naphthalene	13.84	128	12157	0.93	ug/l		97

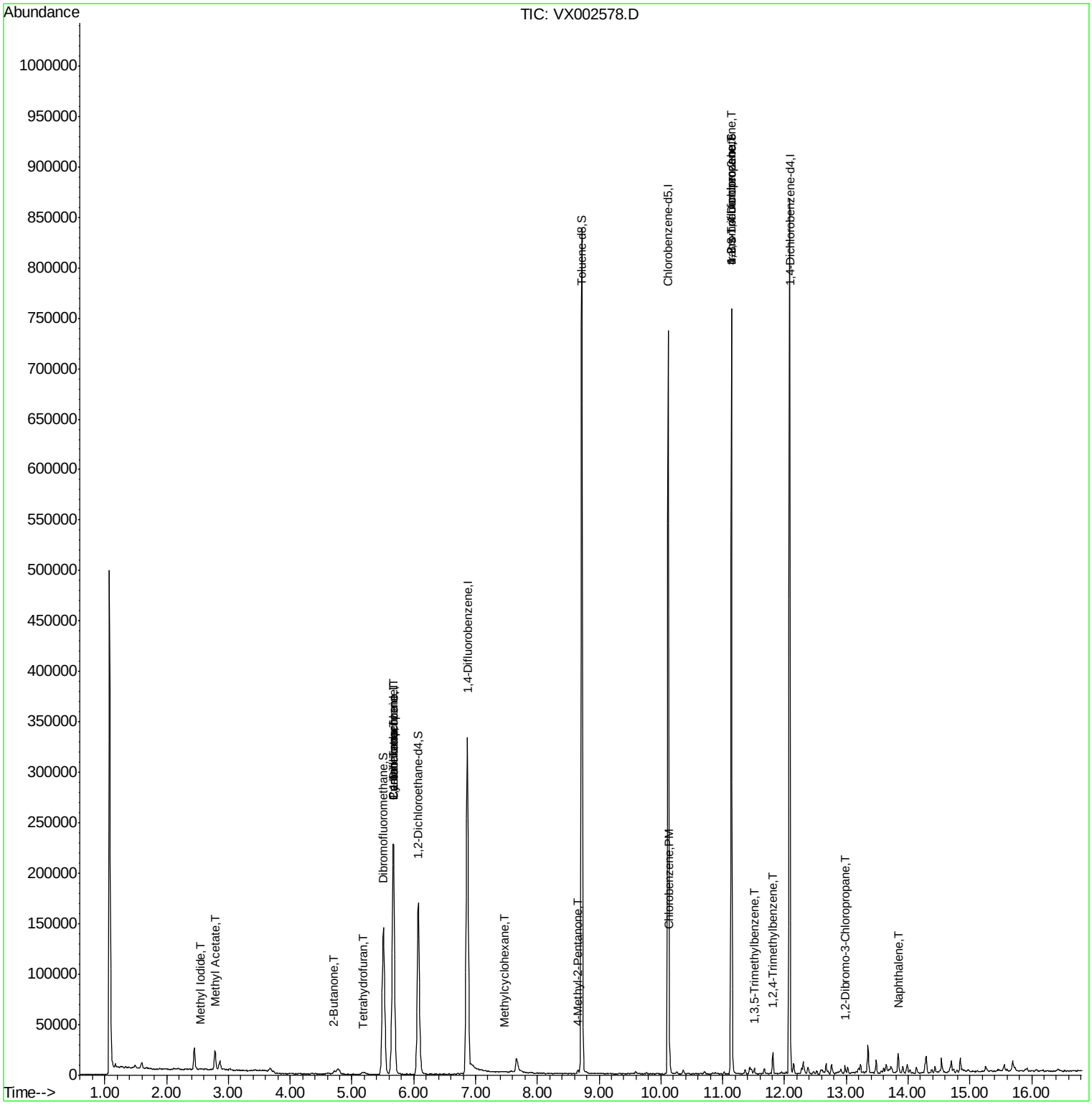
(#) = qualifier out of range (m) = manual integration (+) = signals summed

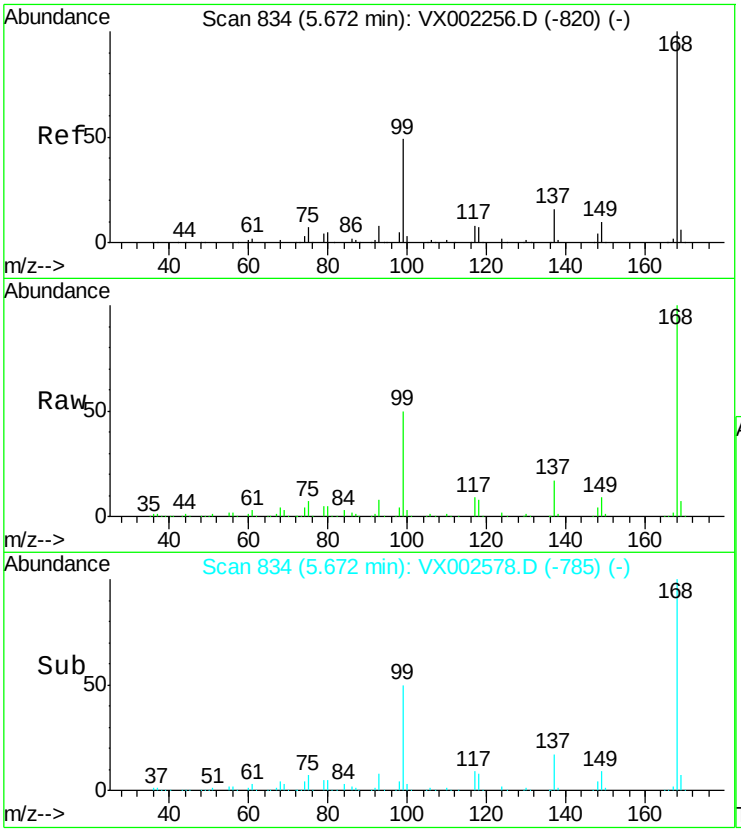
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002578.D
Acq On : 15 Jun 2018 03:49
Operator : JC/MD
Sample : J3465-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 07:03:08 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



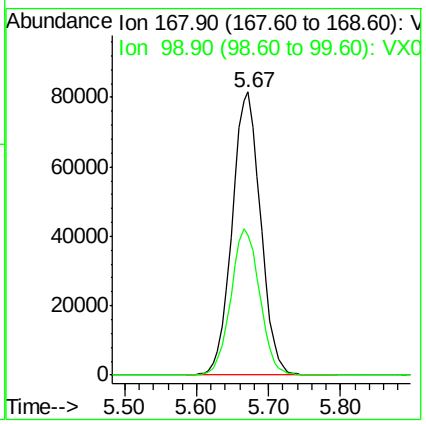


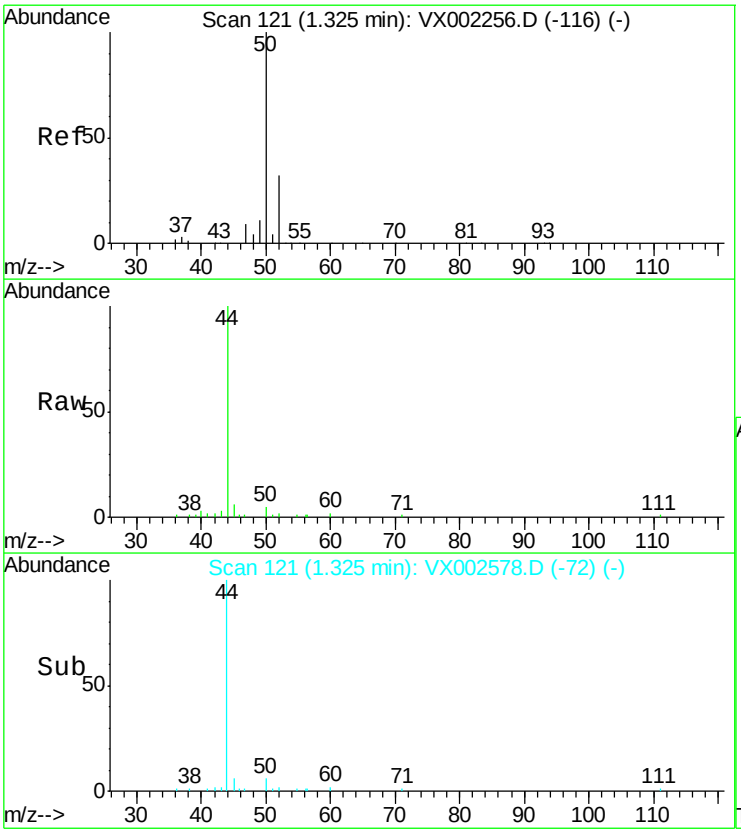
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 223616

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.3	58.9

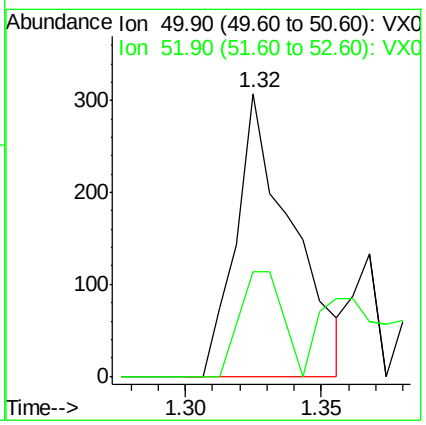


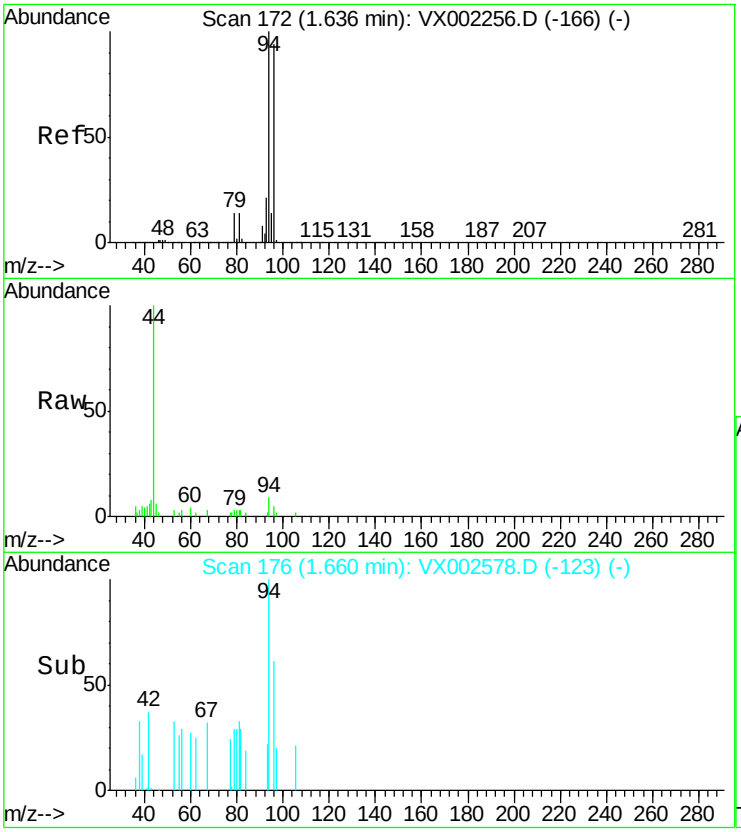


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 50 Resp: 437

Ion	Ratio	Lower	Upper
50	100		
52	36.7	25.7	38.5



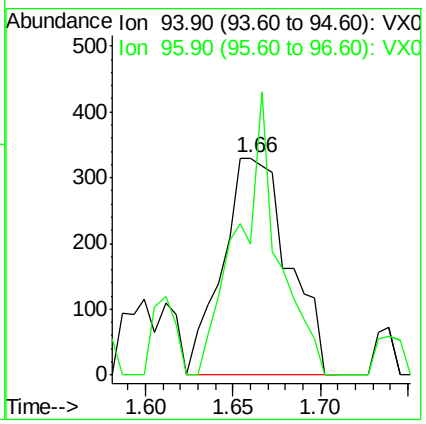


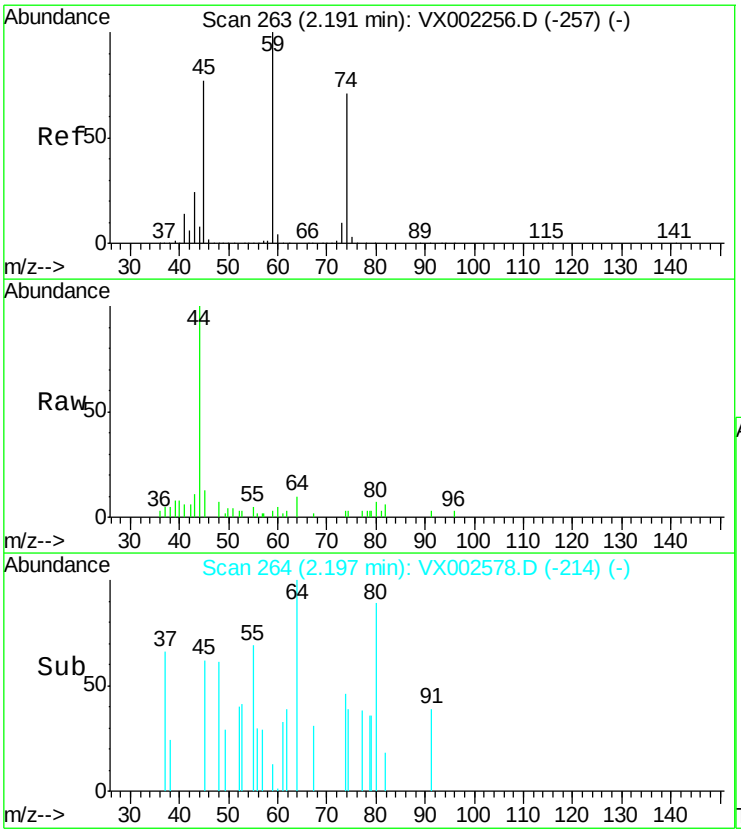
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 868

Ion	Ratio	Lower	Upper
94	100		
96	60.6	74.9	112.3#

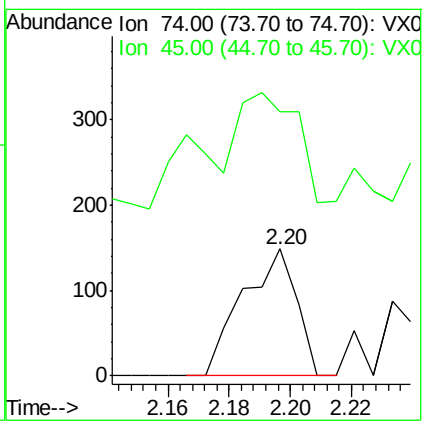


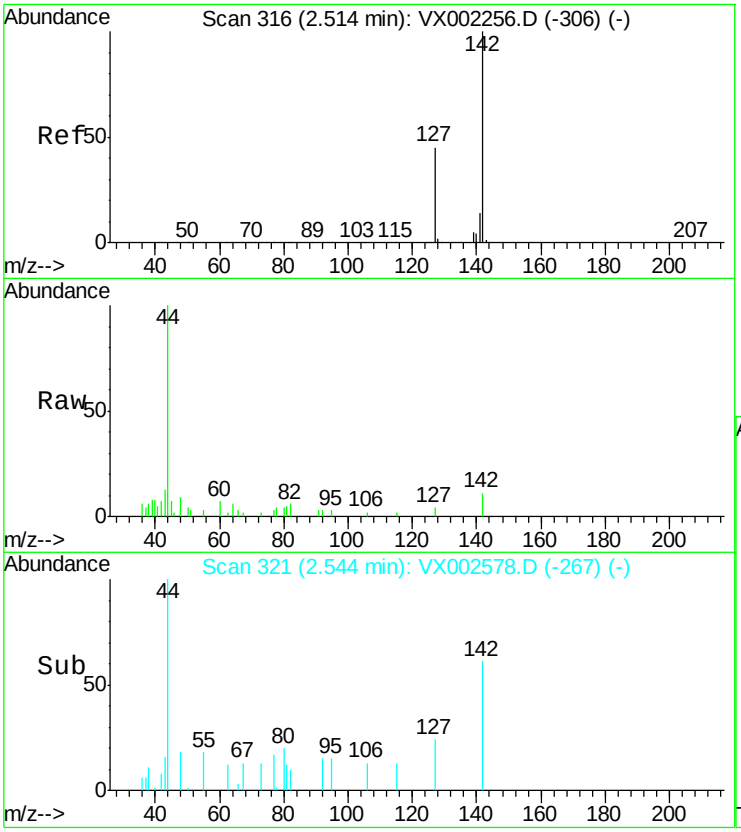


#8
Diethyl Ether
Concen: Below Cal
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 74 Resp: 181

Ion	Ratio	Lower	Upper
74	100		
45	130.4	53.1	159.4



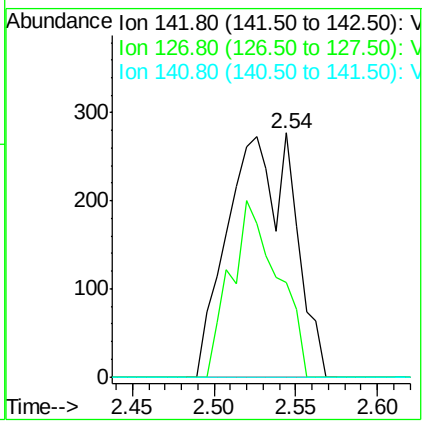


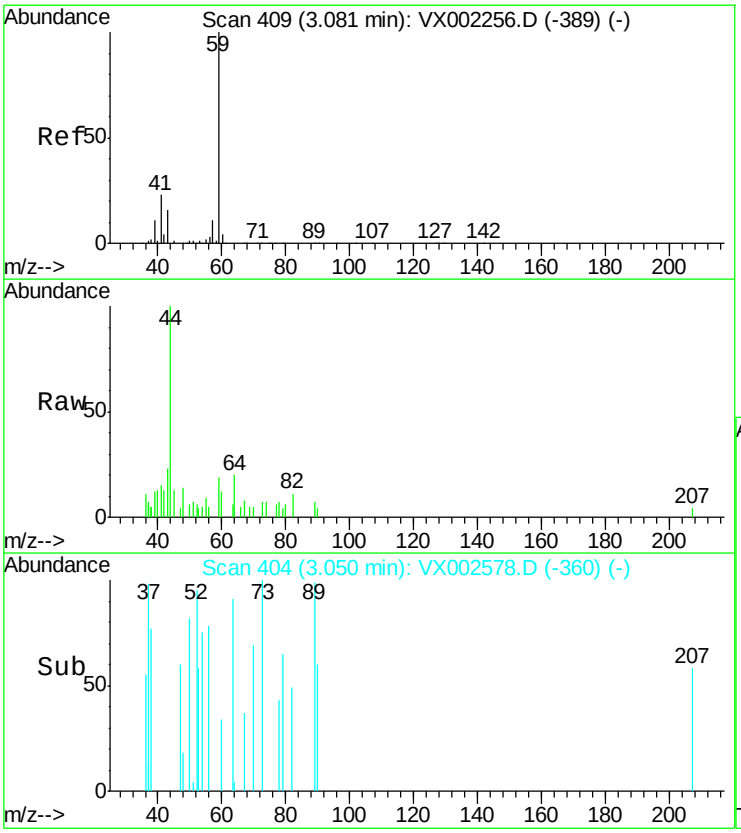
#10
Methyl Iodide
Concen: 0.23 ug/l
RT: 2.54 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 764

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

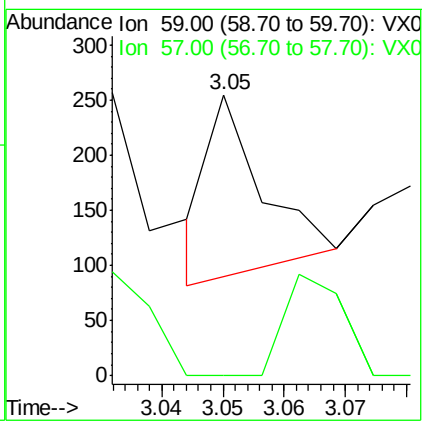


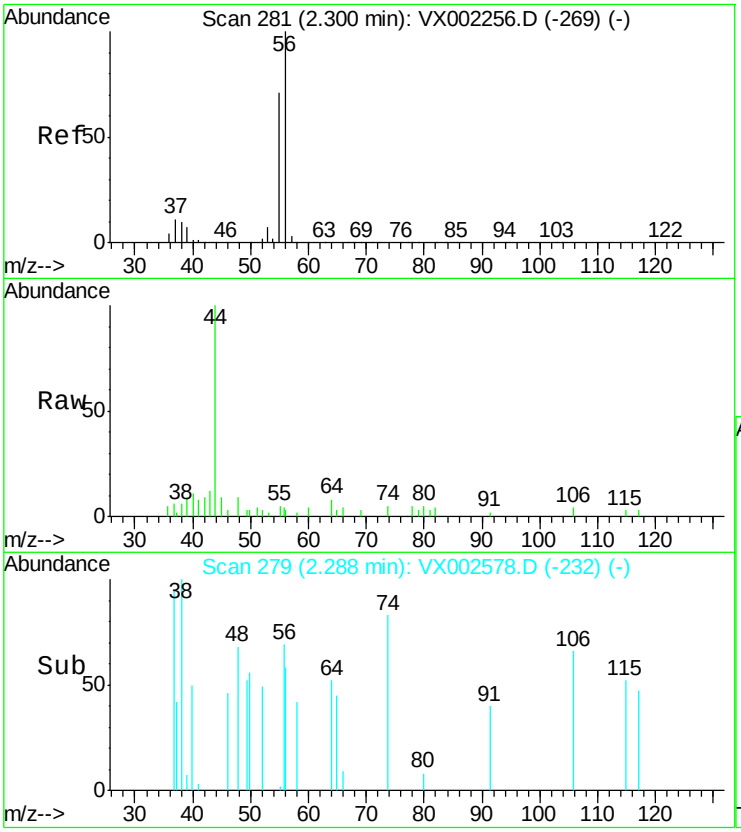


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.05 min Scan# 404
Delta R.T. -0.03 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 59 Resp: 104

Ion	Ratio	Lower	Upper
59	100		
57	58.7	8.2	12.2#



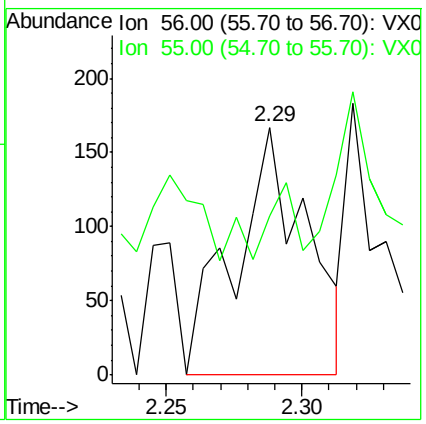


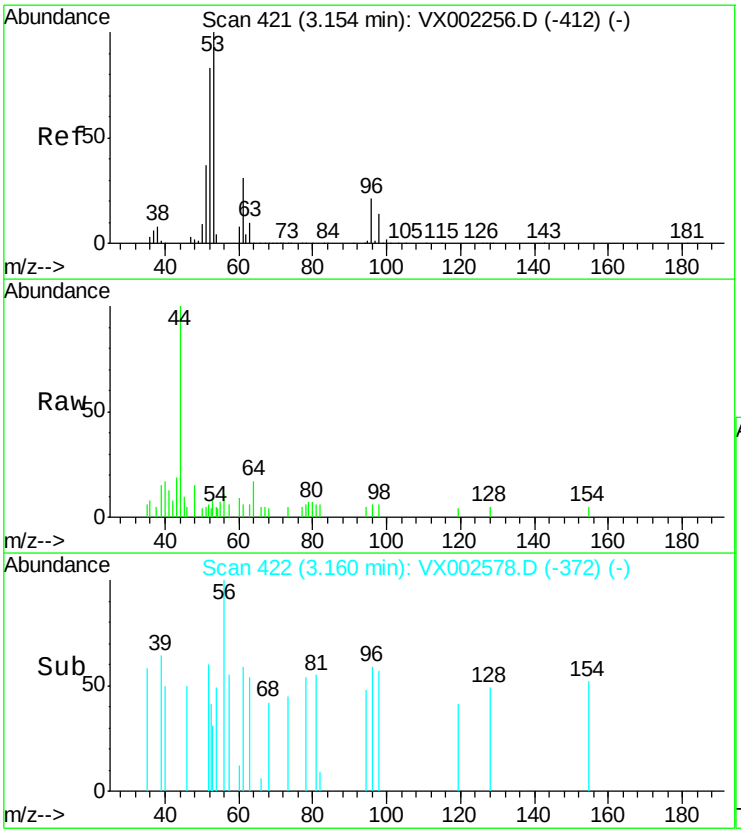
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 303

Ion	Ratio	Lower	Upper
56	100		
55	10.6	57.0	85.4#

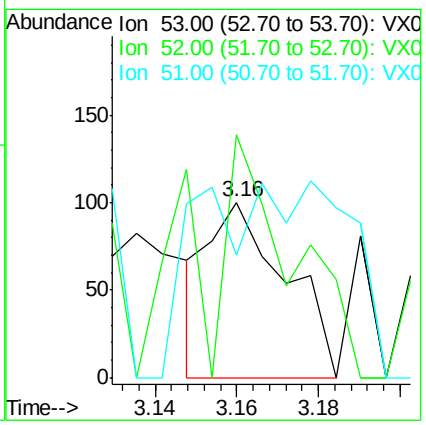


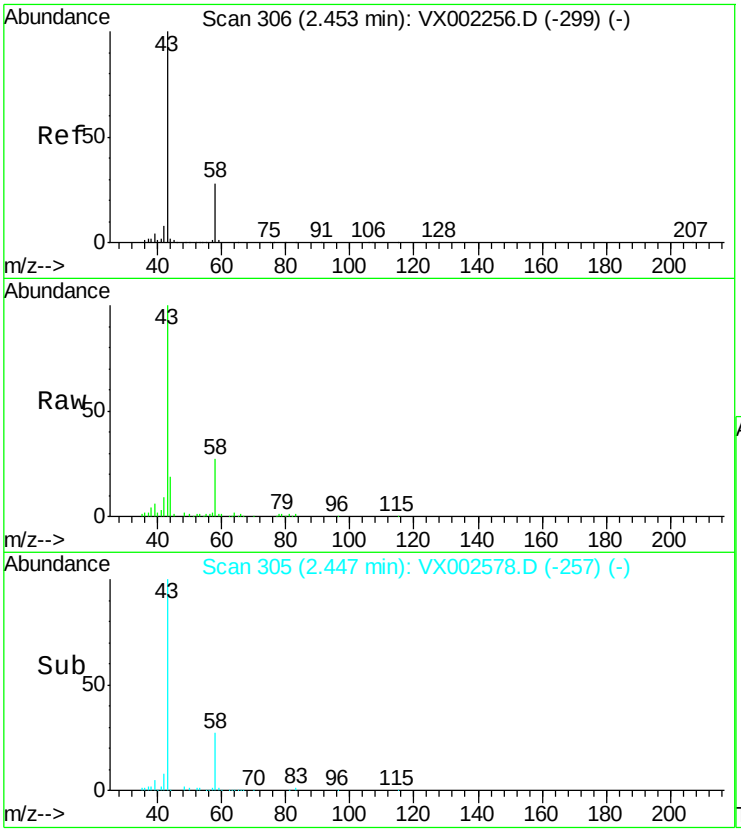


#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 53 Resp: 131

Ion	Ratio	Lower	Upper
53	100		
52	117.6	66.7	100.1#
51	77.9	29.9	44.9#



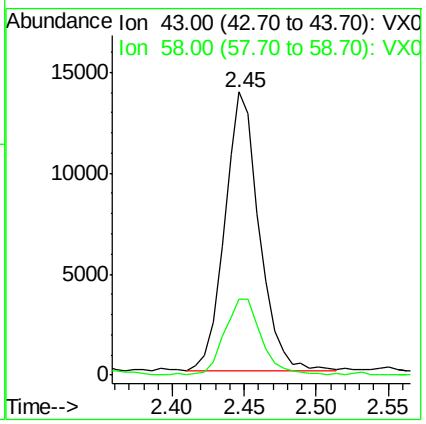


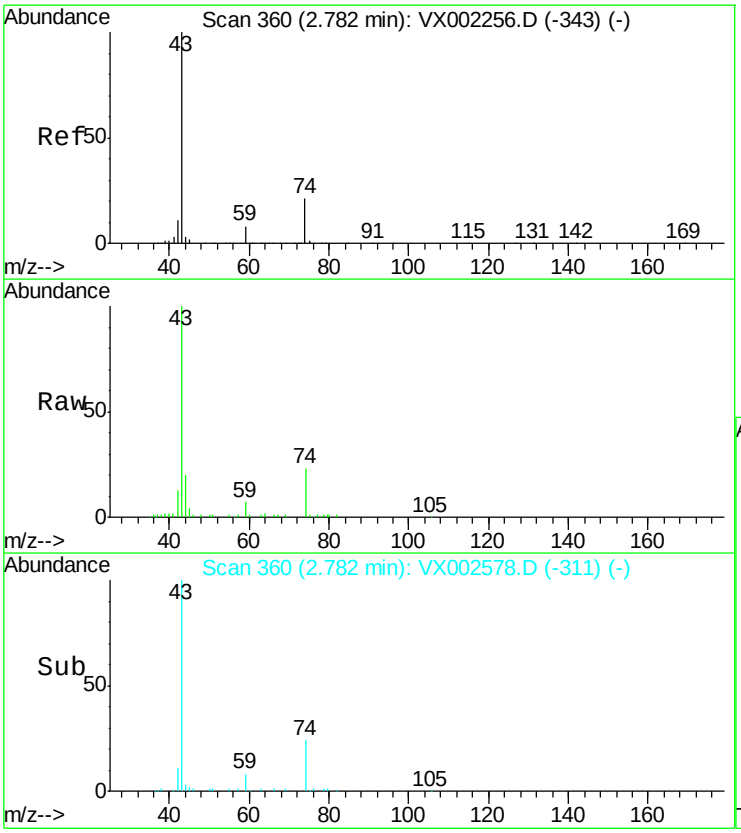
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23274

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.1	33.1

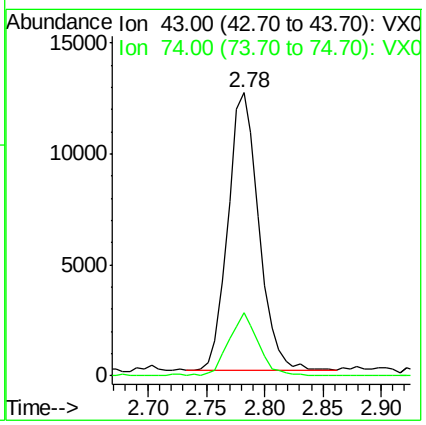


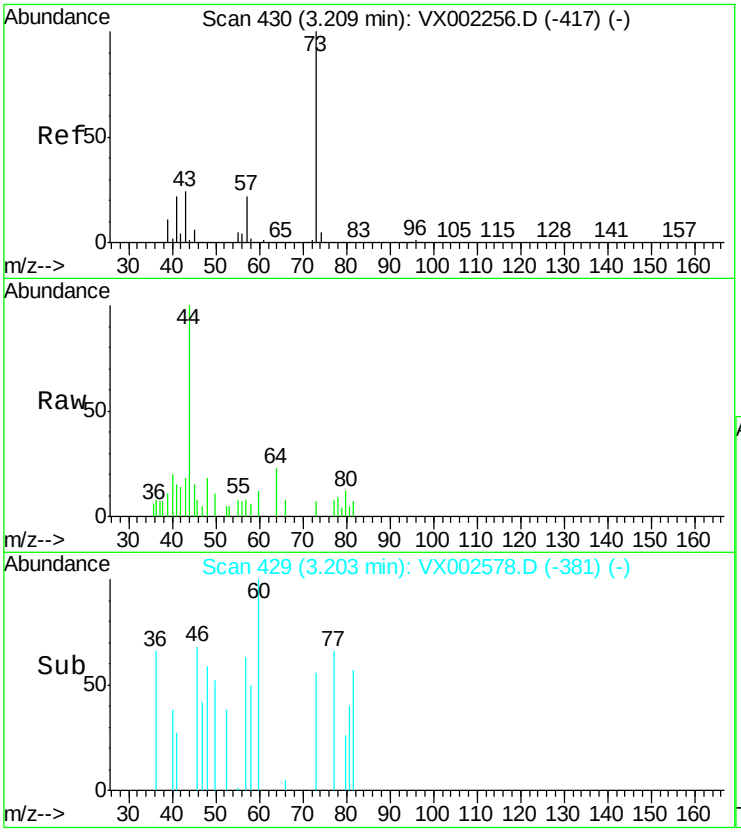


#18
Methyl Acetate
Concen: 4.75 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 43 Resp: 23050

Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1



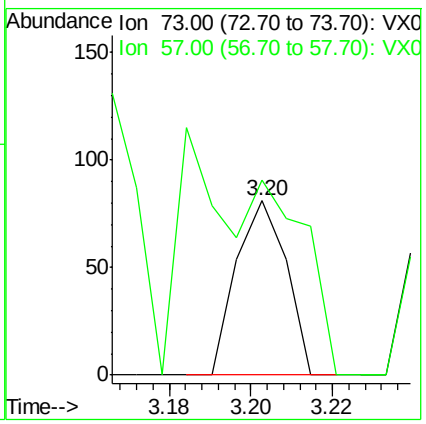


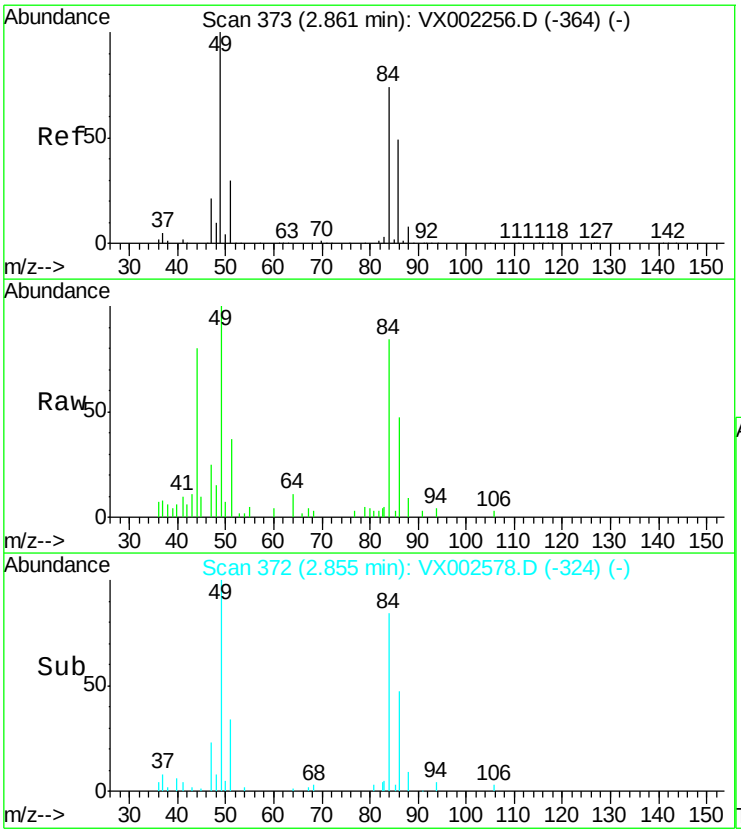
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 69

Ion	Ratio	Lower	Upper
73	100		
57	112.3	17.7	26.5#

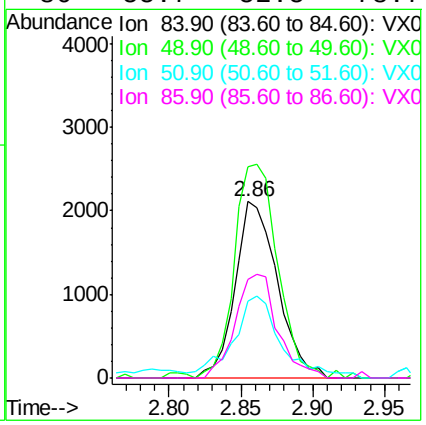


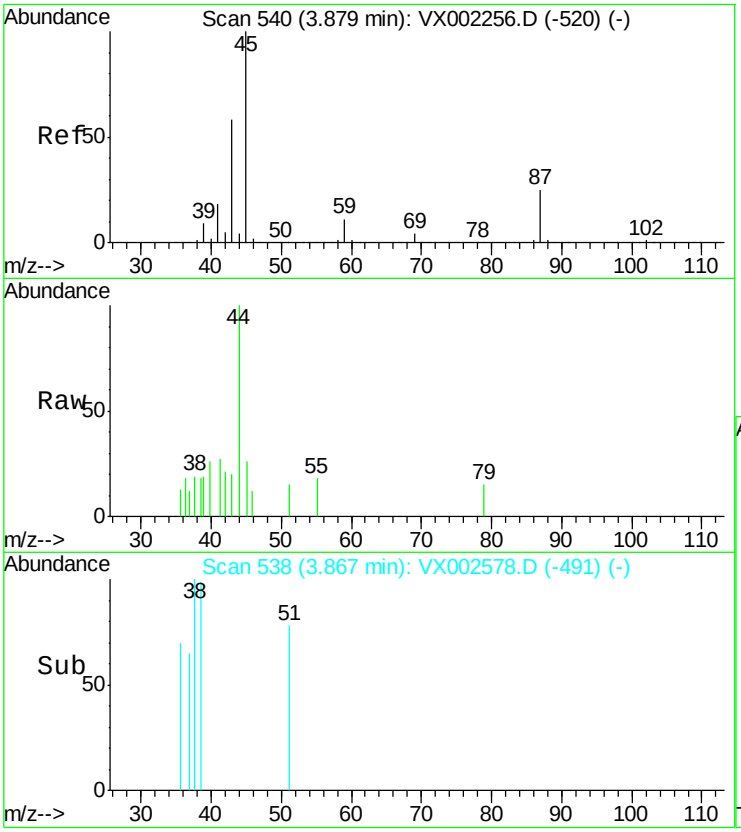


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 84 Resp: 4300

Ion	Ratio	Lower	Upper
84	100		
49	117.3	107.8	161.6
51	41.1	32.8	49.2
86	55.7	52.5	78.7



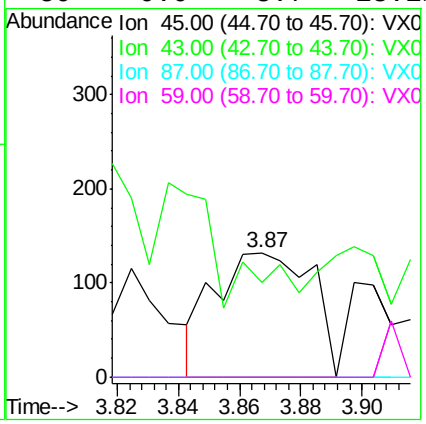


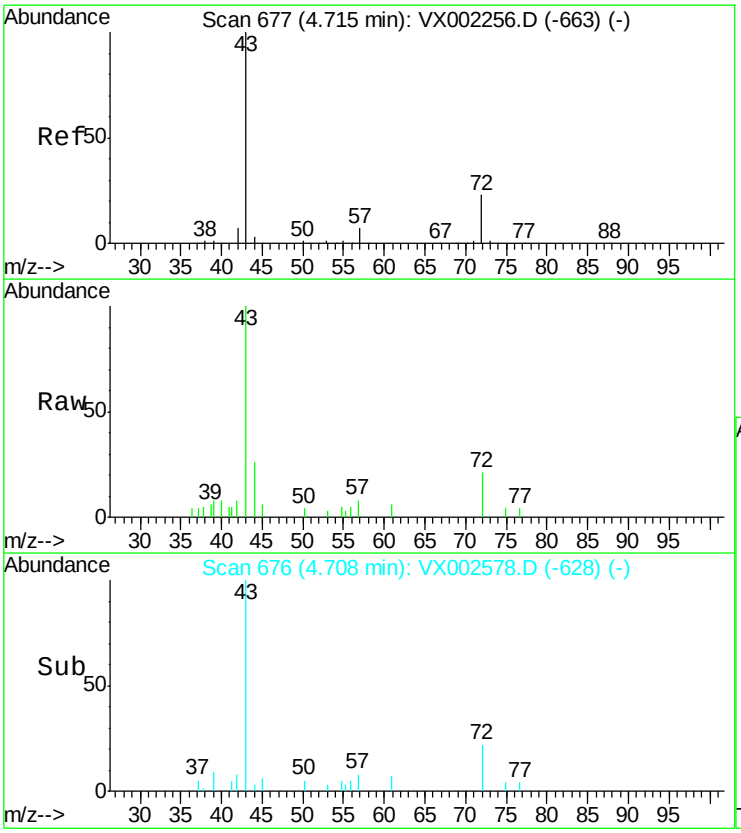
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 290

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

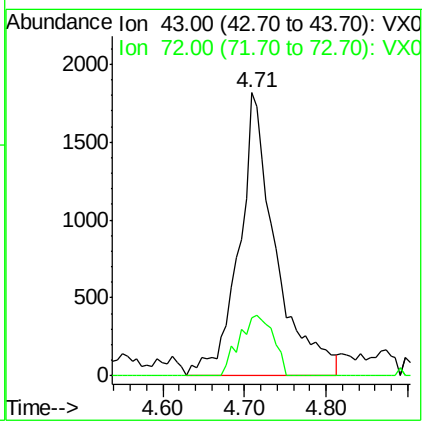


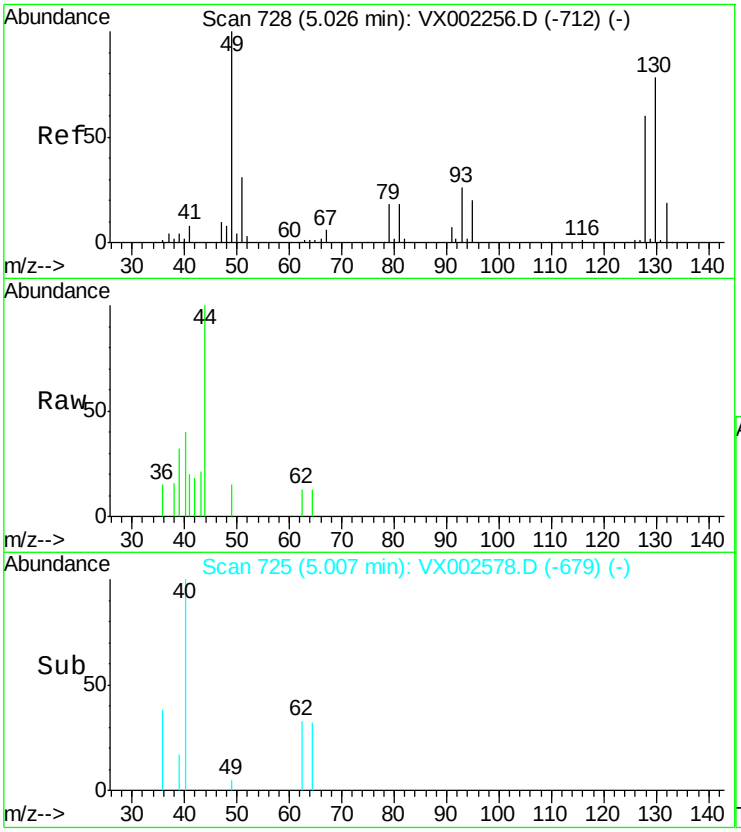


#25
2-Butanone
Concen: 2.59 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 43 Resp: 5674

Ion	Ratio	Lower	Upper
43	100		
72	20.6	18.5	27.7



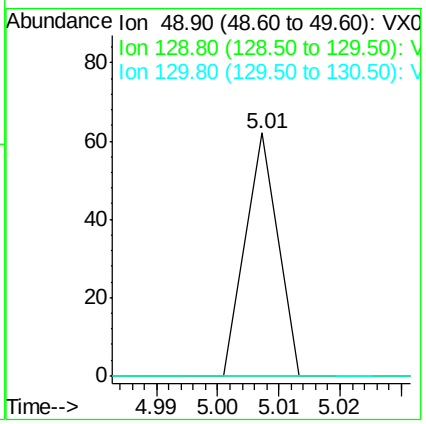


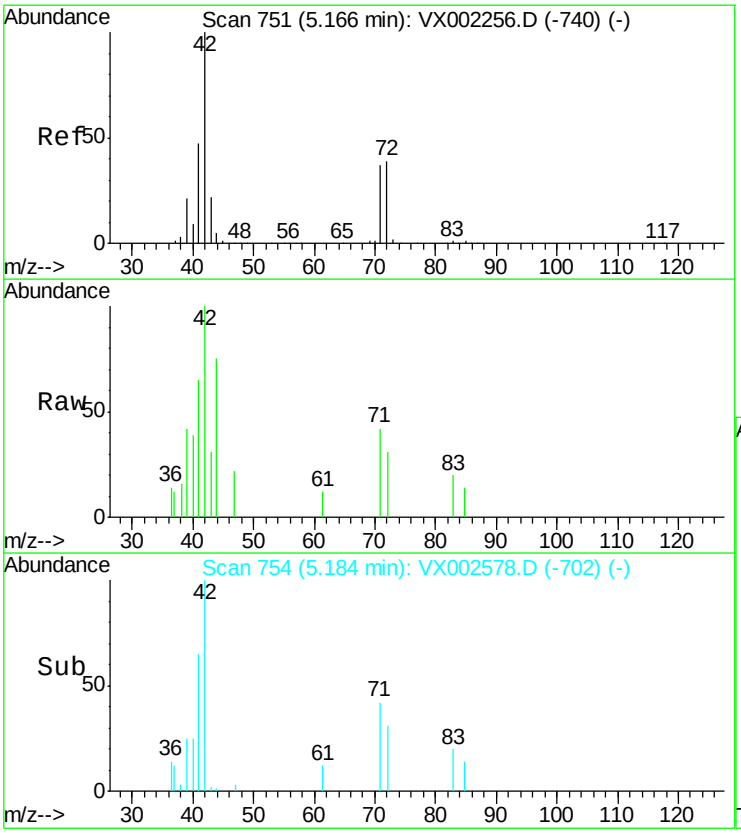
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 23

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

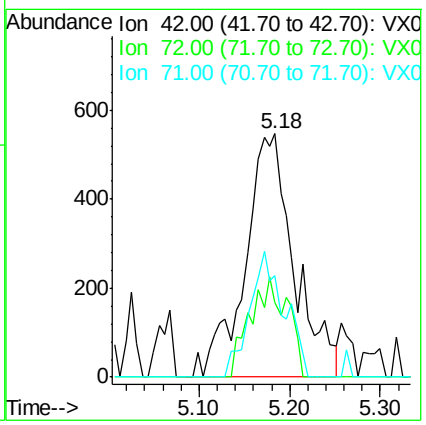


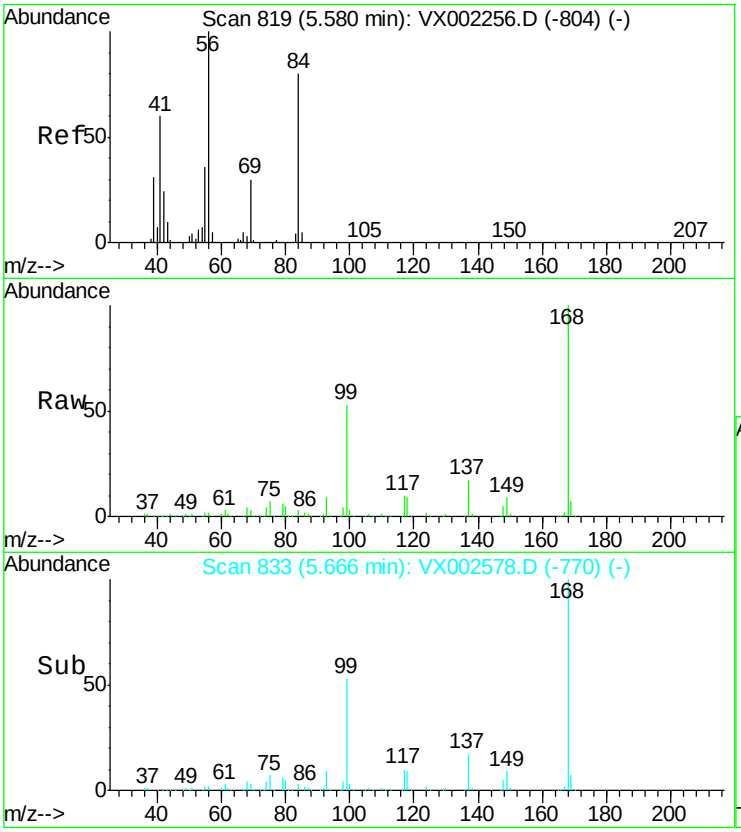


#29
Tetrahydrofuran
Concen: 1.47 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 42 Resp: 2075

Ion	Ratio	Lower	Upper
42	100		
72	31.0	32.0	48.0#
71	36.0	30.1	45.1



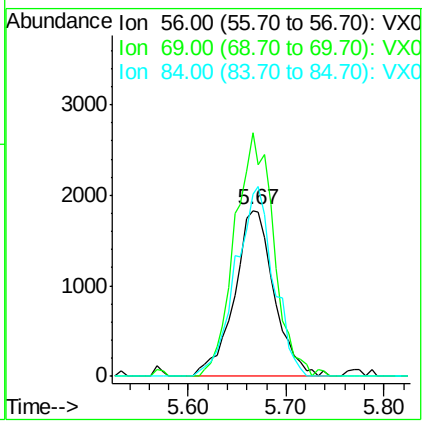


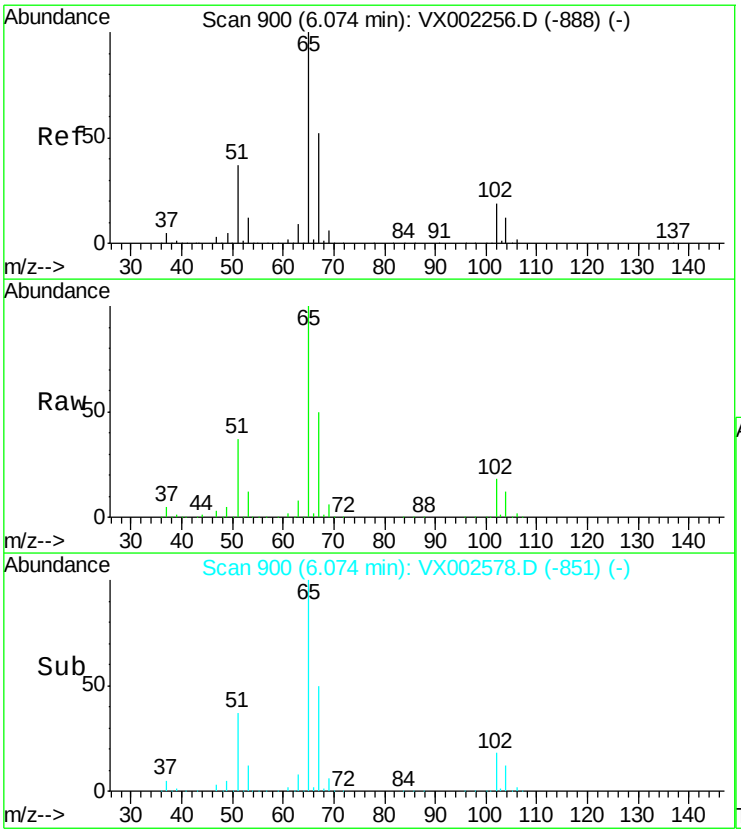
#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5148

Ion	Ratio	Lower	Upper
56	100		
69	146.7	23.7	35.5#
84	109.5	64.1	96.1#

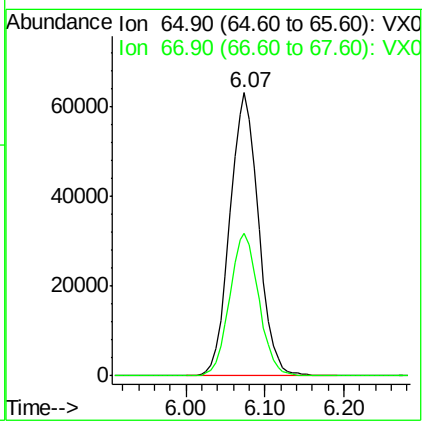


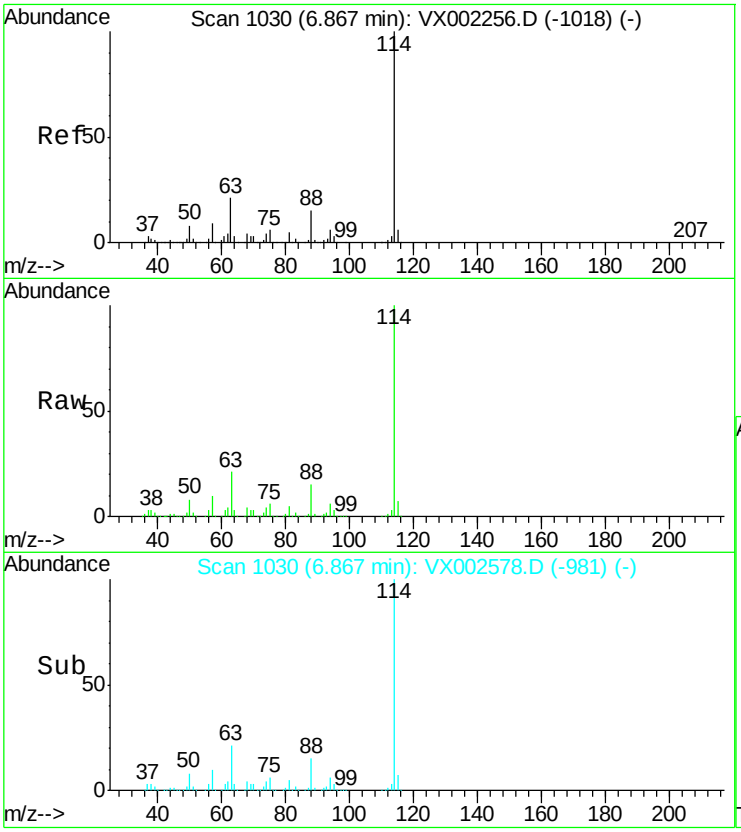


#33
1,2-Dichloroethane-d4
Concen: 49.90 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 65 Resp: 159600

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



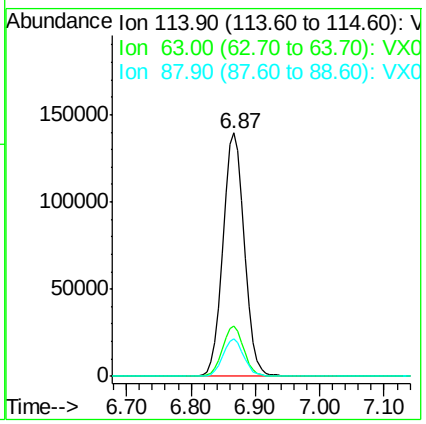


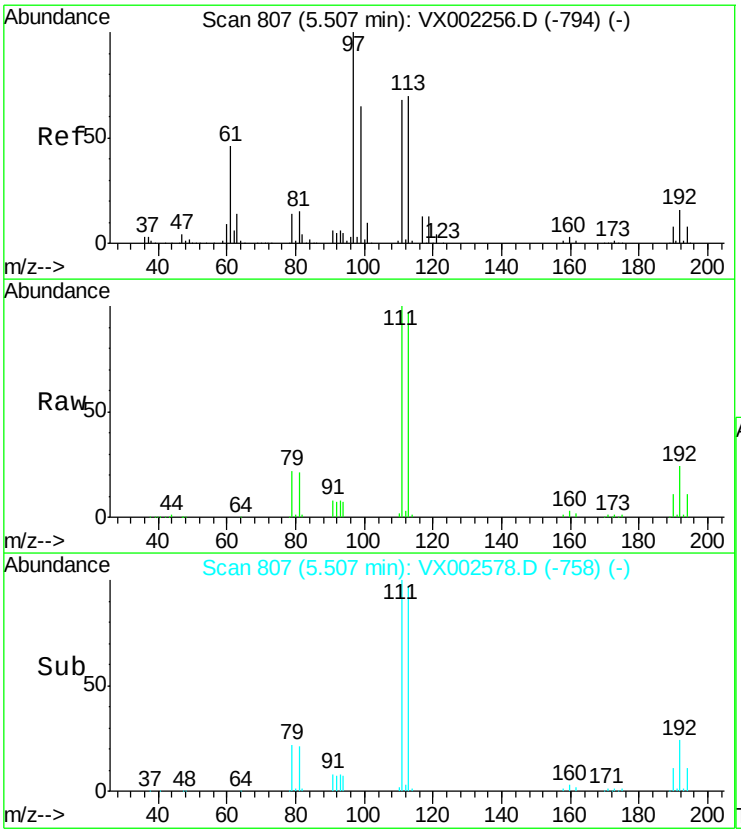
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 328685

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.4
88	15.4	0.0	30.0

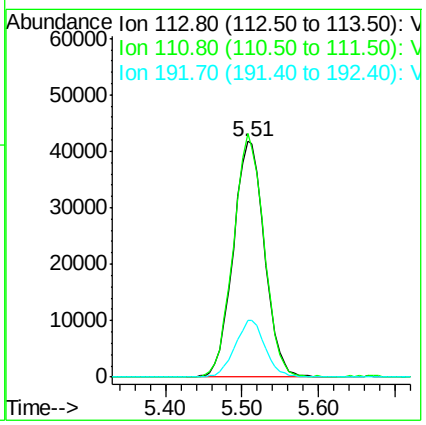


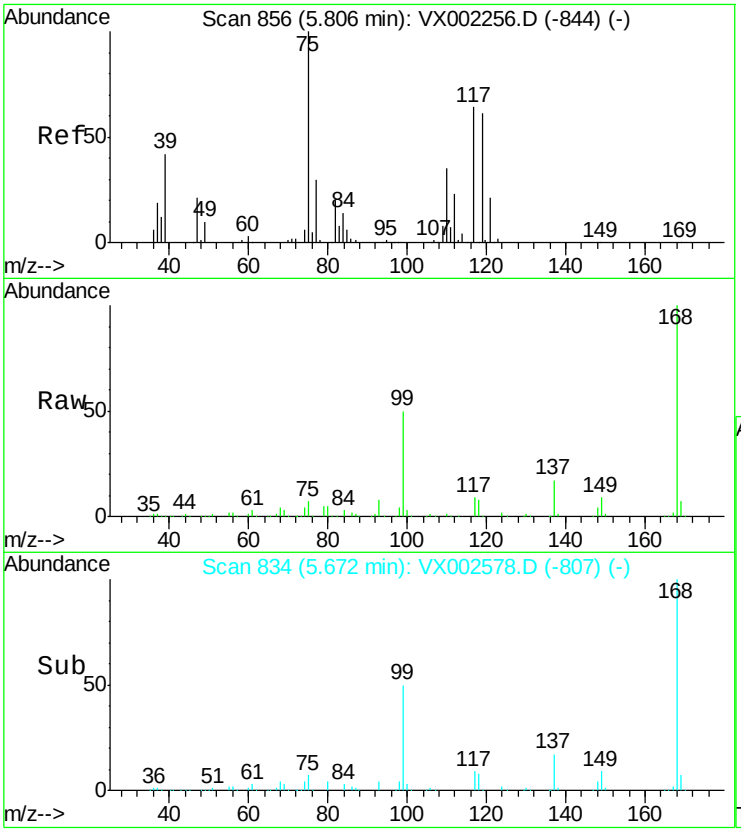


#35
Dibromofluoromethane
Concen: 45.83 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion:113 Resp: 118456

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.4	122.0
192	23.2	19.1	28.7



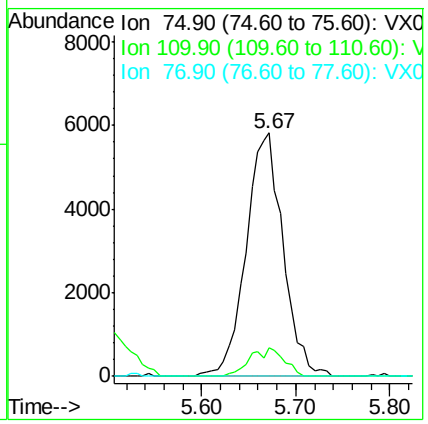


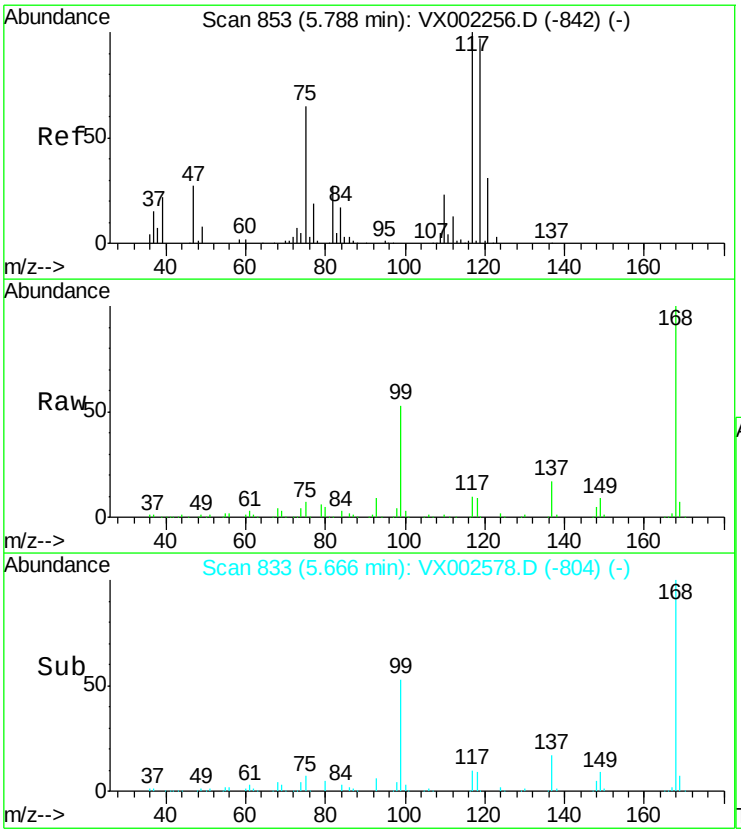
#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15986

Ion	Ratio	Lower	Upper
75	100		
110	5.1	18.1	54.4#
77	0.0	24.3	36.5#

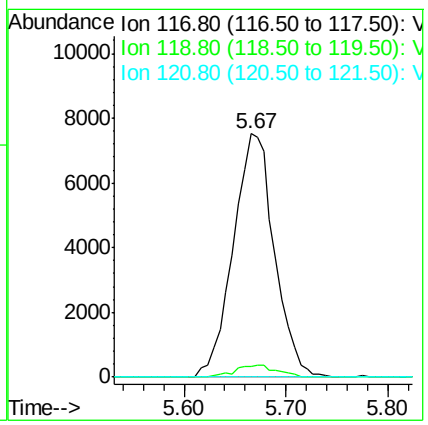


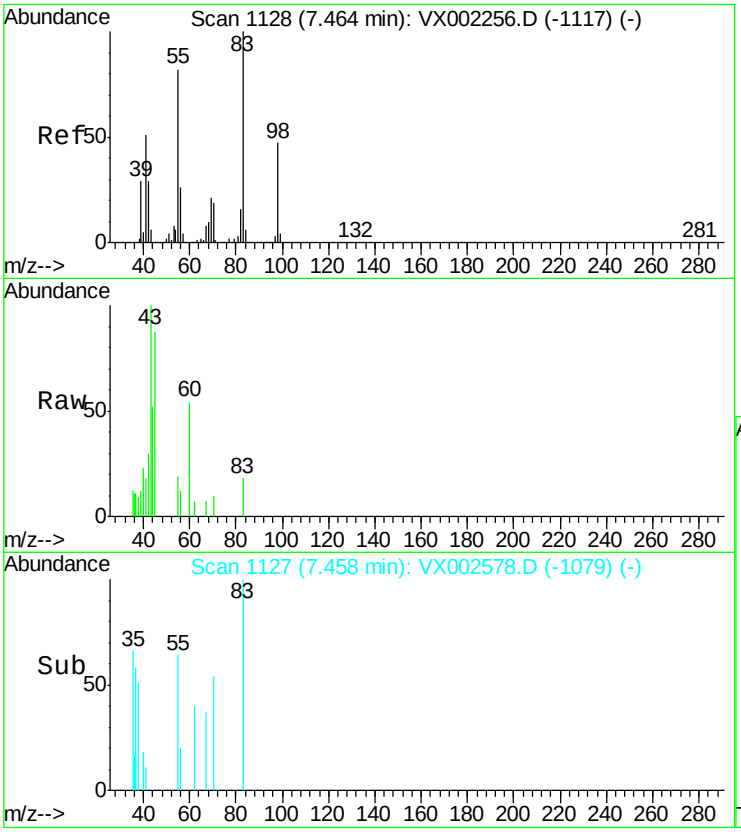


#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion:117 Resp: 20982

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#



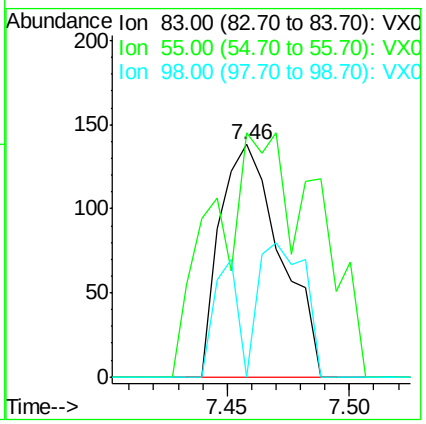


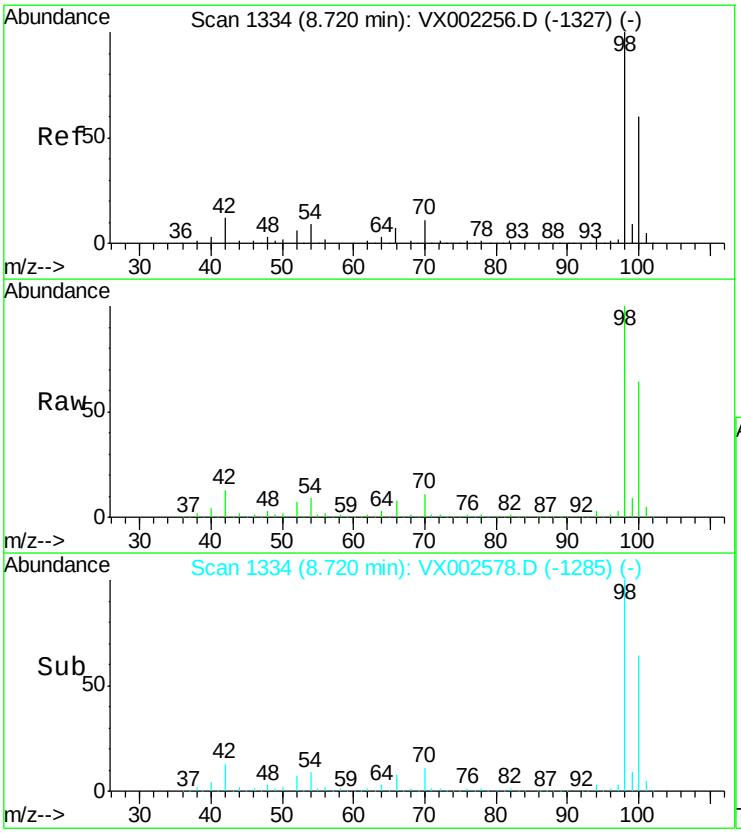
#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 238

Ion	Ratio	Lower	Upper
83	100		
55	68.1	65.4	98.0
98	0.0	37.4	56.0#

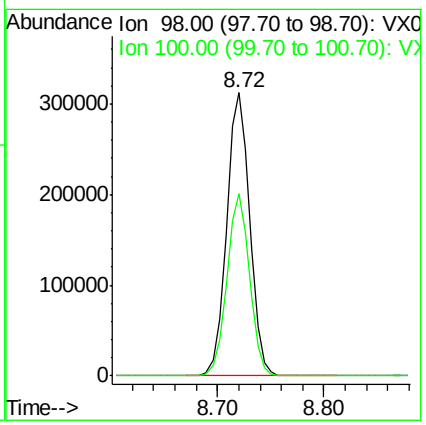


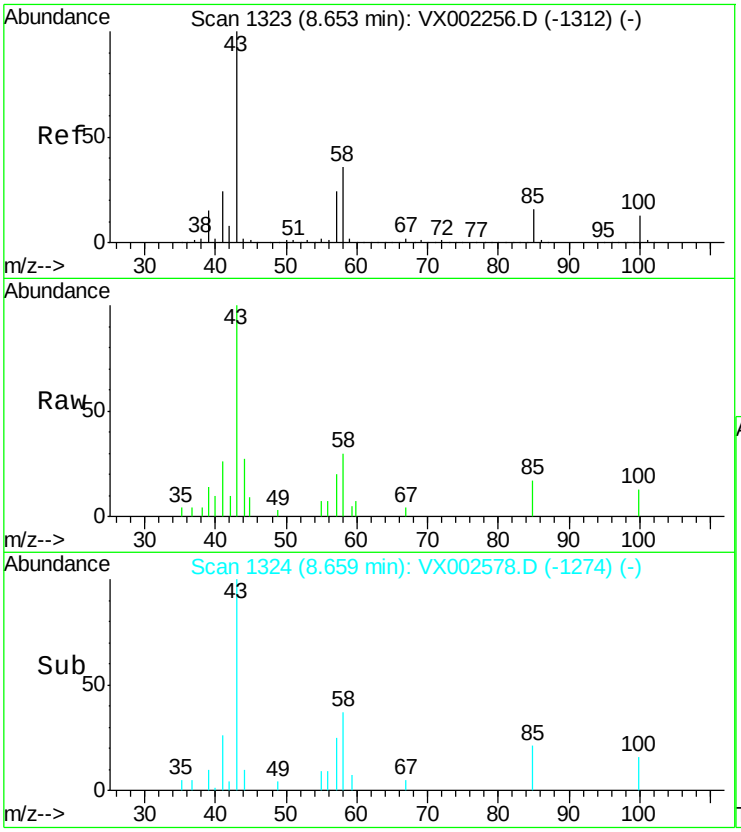


#50
Toluene-d8
Concen: 47.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 98 Resp: 473093

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



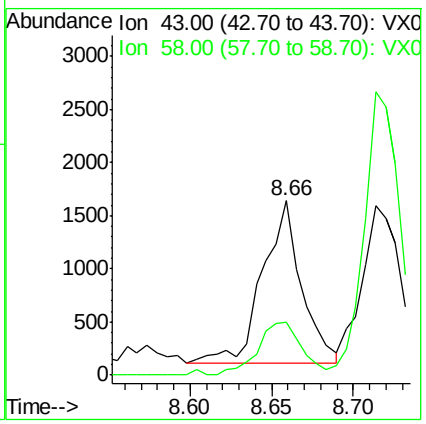


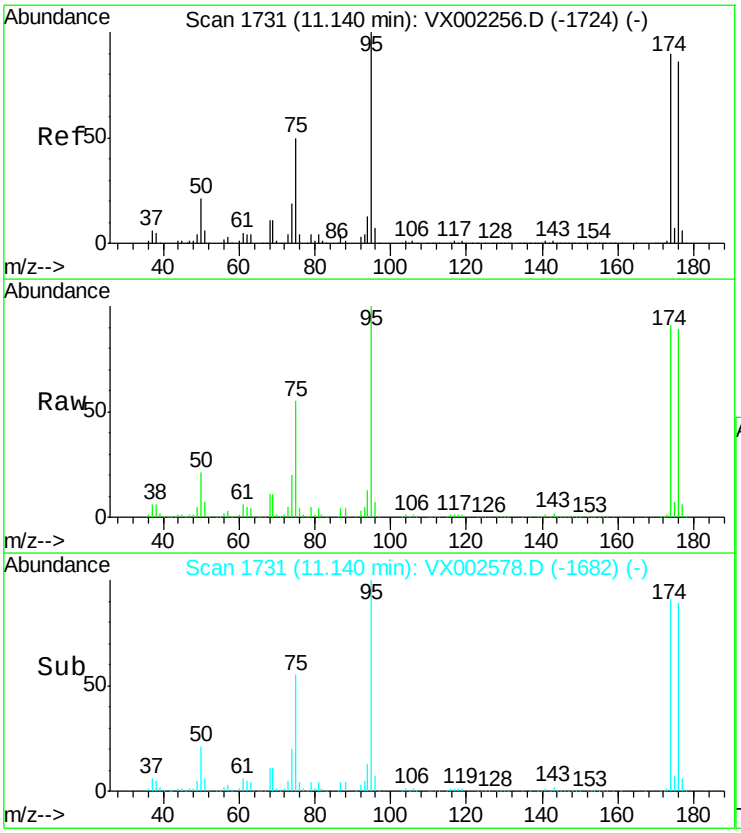
#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2535

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.6	42.8

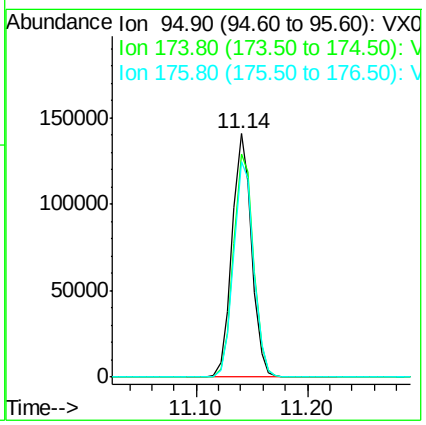


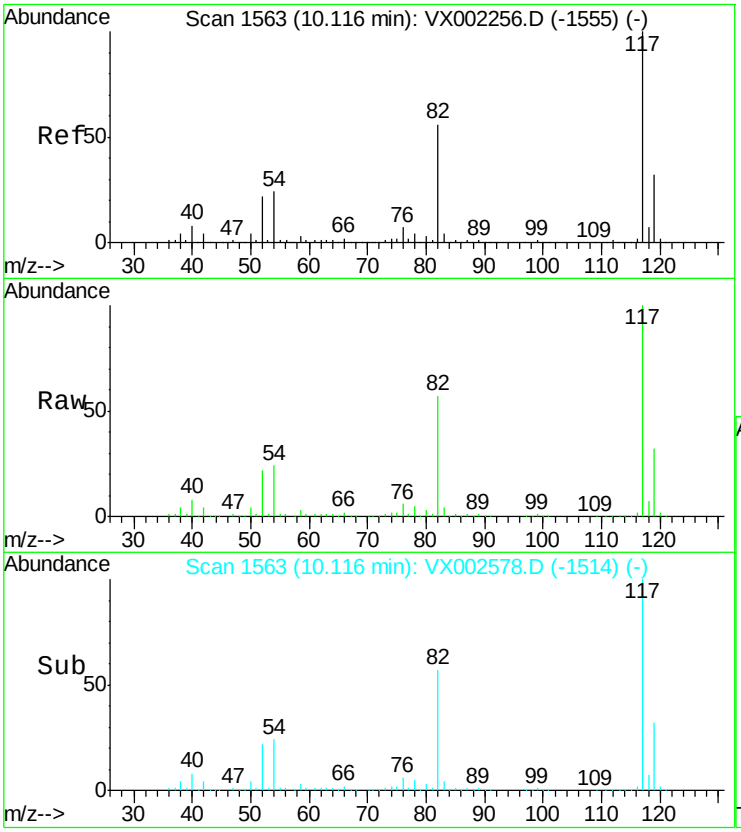


#62
4-Bromofluorobenzene
Concen: 44.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 95 Resp: 170897

Ion	Ratio	Lower	Upper
95	100		
174	94.4	0.0	187.4
176	90.9	0.0	181.0



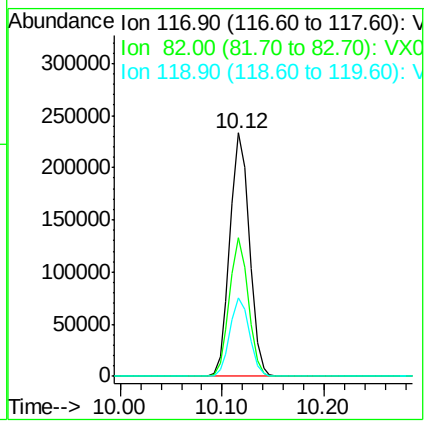


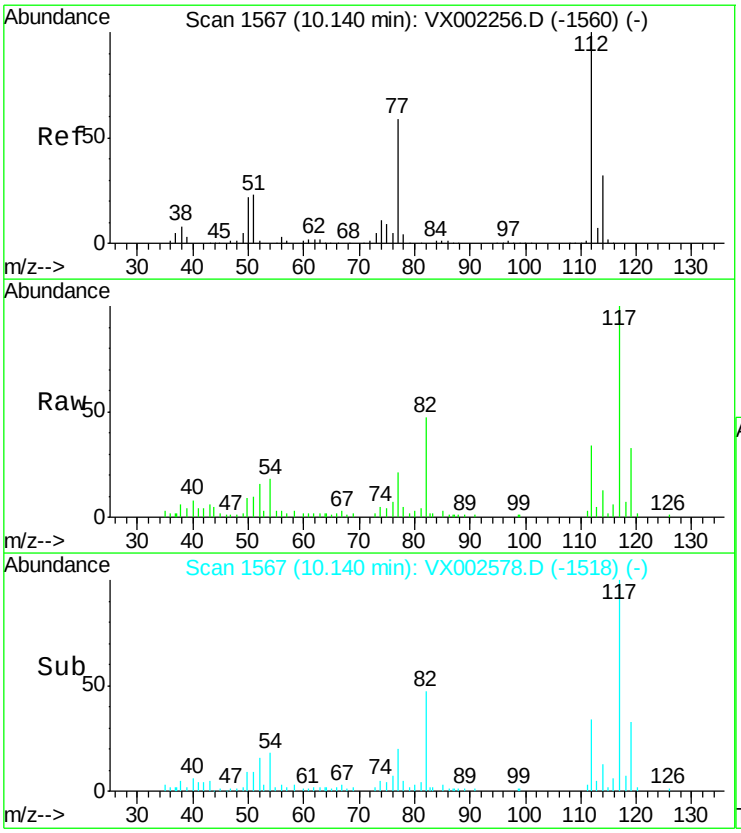
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 307532

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.0	67.4
119	32.3	25.8	38.6

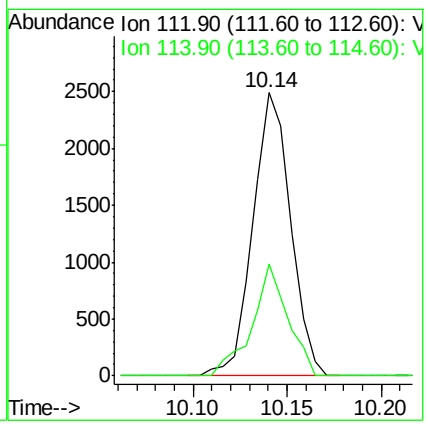


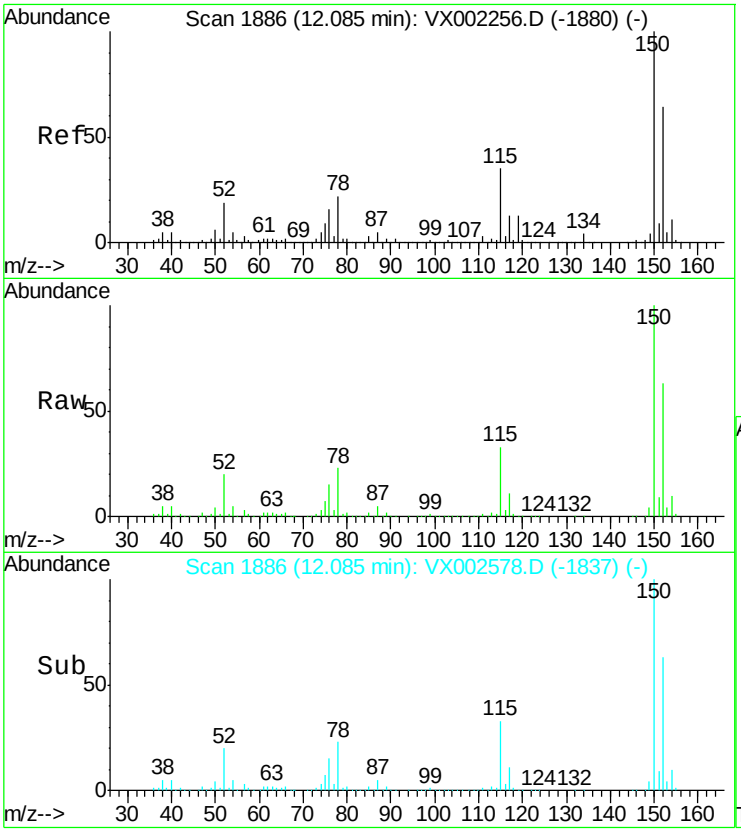


#65
Chlorobenzene
Concen: 0.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion:112 Resp: 3453

Ion	Ratio	Lower	Upper
112	100		
114	39.5	25.3	37.9#



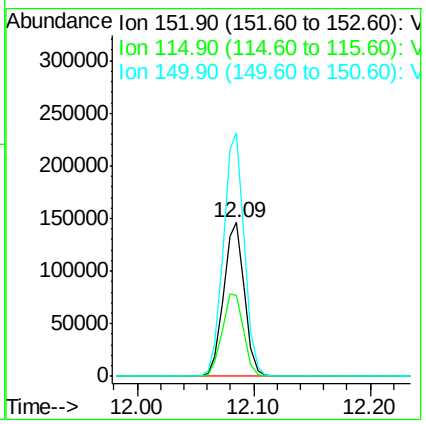


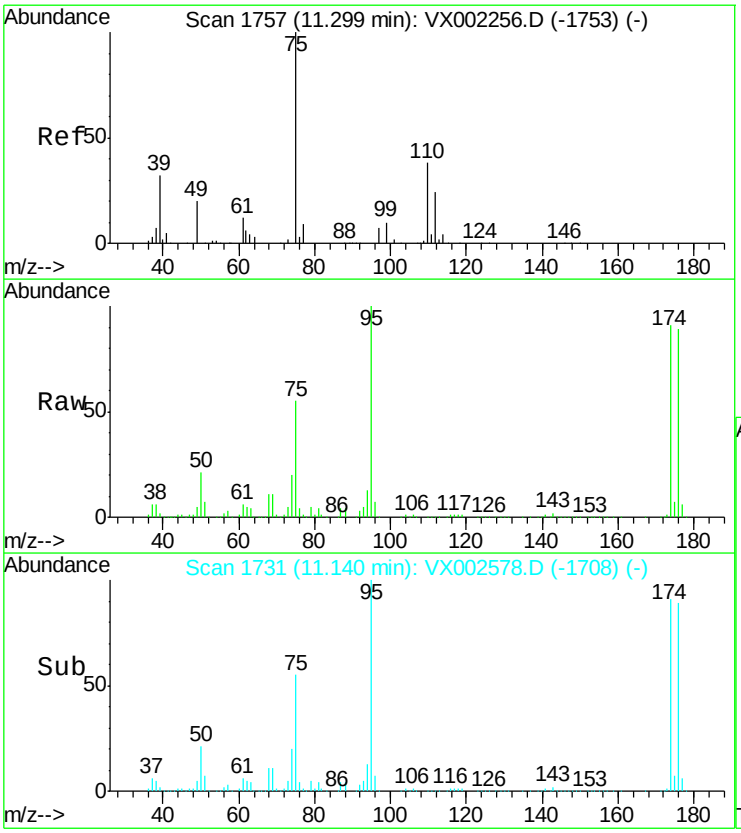
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 178967

Ion	Ratio	Lower	Upper
152	100		
115	55.2	40.1	120.2
150	159.6	0.0	347.2

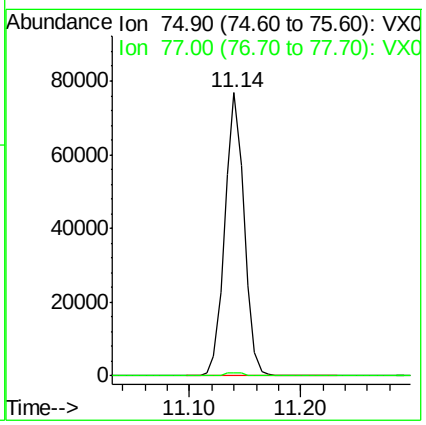


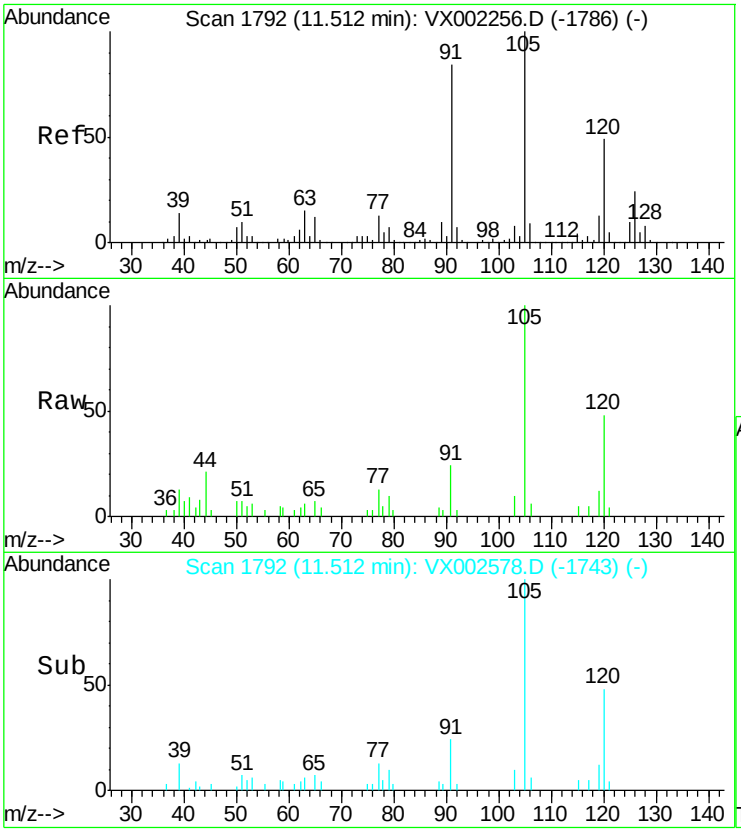


#76
1,2,3-Trichloropropane
Concen: 23.36 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 75 Resp: 91734

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



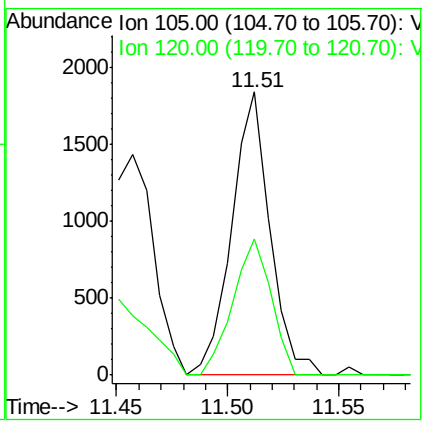


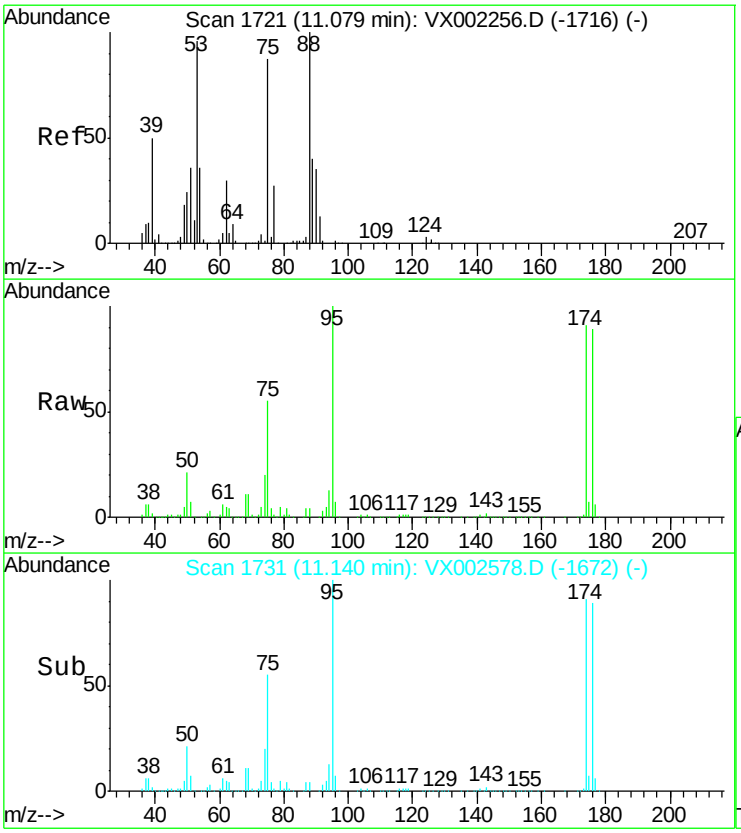
#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2217

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.4	73.4

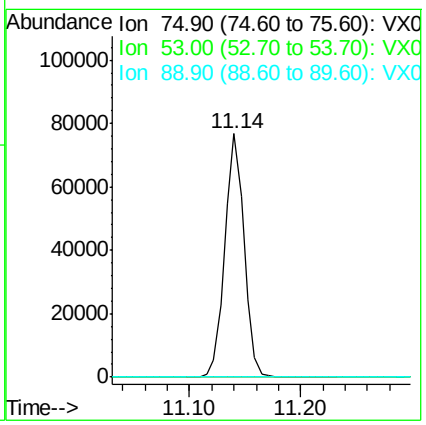


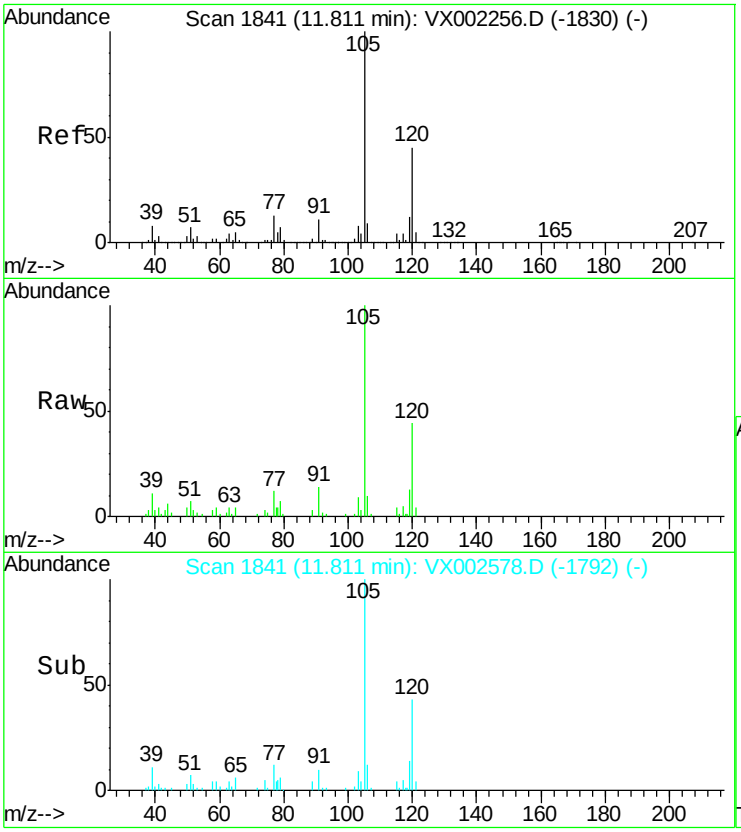


#81
trans-1,4-Dichloro-2-butene
Concen: 81.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 75 Resp: 91734

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



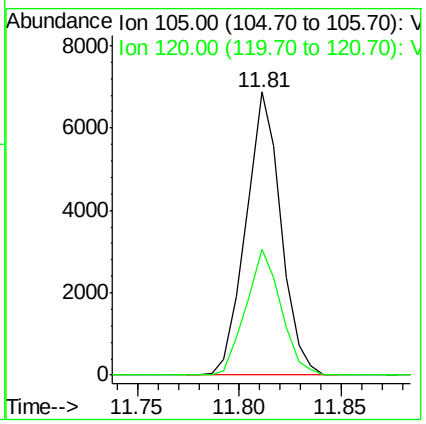


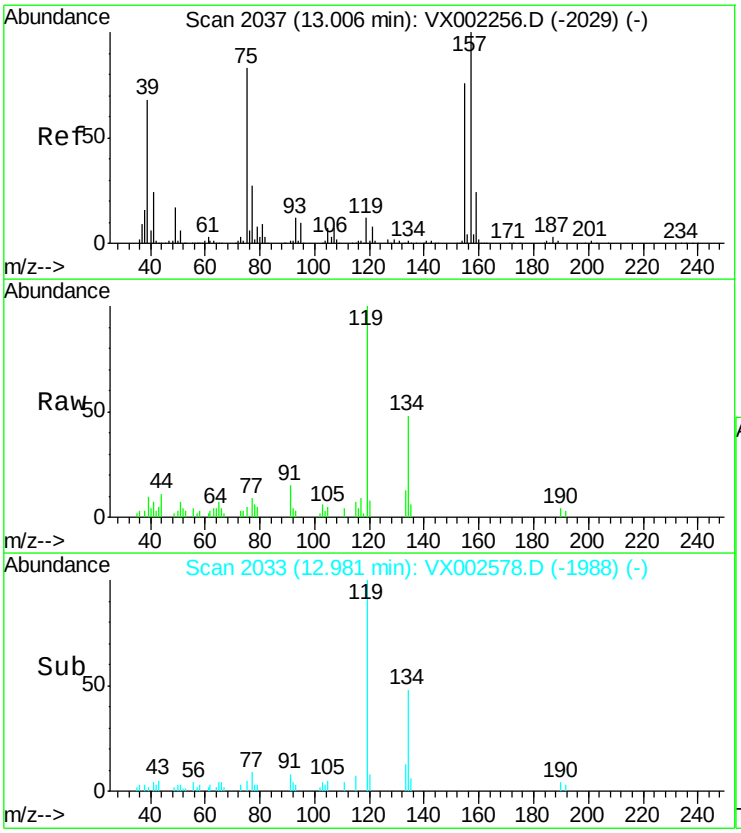
#84
1,2,4-Trimethylbenzene
Concen: 0.75 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 8210

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.3	66.8

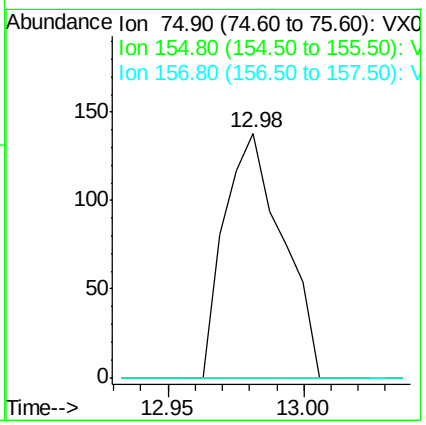


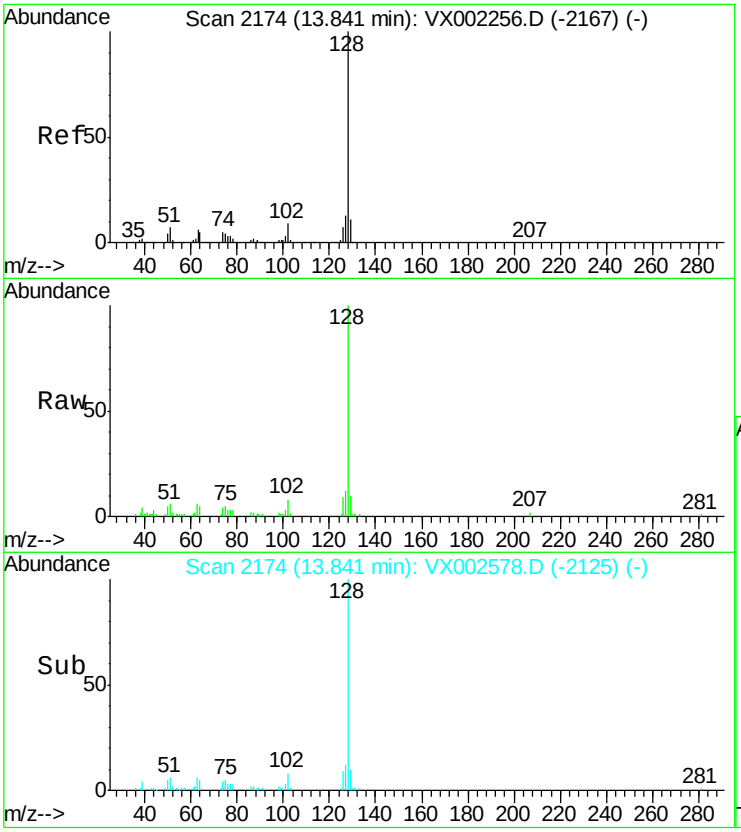


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.24 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Tgt Ion: 75 Resp: 204

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#





#95
Naphthalene
Concen: 0.93 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002578.D
Acq: 15 Jun 2018 03:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 12157

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	11.4	8.6	13.0