Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060918\
Data File : VX002418.D
Acq On : 09 Jun 2018 11:37
Operator : JC/MD
Sample : VX0609WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 11 04:04:35 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	238217	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	351733	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	325410	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184771	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	186198	55.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.02%				
35) Dibromofluoromethane	5.51	113	141874	51.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.58%				
50) Toluene-d8	8.72	98	545111	51.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.84%				
62) 4-Bromofluorobenzene	11.14	95	191053	46.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.46%				
Target Compounds							Qvalue
3) Chloromethane	1.34	50	436	Below Cal			98
5) Bromomethane	1.65	94	799	Below Cal		#	77
6) Chloroethane	1.61	64	3614	1.79	ug/l	#	60
8) Diethyl Ether	2.19	74	211	Below Cal			81
10) Methyl Iodide	2.51	142	1192	0.33	ug/l	#	85
11) Tert butyl alcohol	3.02	59	1168	Below Cal		#	76
13) Acrolein	2.29	56	275	Below Cal		#	58
15) Acrylonitrile	3.14	53	877	Below Cal			96
16) Acetone	2.44	43	1114	Below Cal			97
17) Carbon Disulfide	2.57	76	1684	0.25	ug/l		95
18) Methyl Acetate	2.78	43	858	Below Cal		#	61
19) Methyl tert-butyl Ether	3.21	73	330	Below Cal		#	84
20) Methylene Chloride	2.87	84	555	Below Cal			84
22) Diisopropyl ether	3.85	45	299	Below Cal		#	57
25) 2-Butanone	4.71	43	664	0.28	ug/l		96
28) Bromochloromethane	5.01	49	64	Below Cal		#	13
29) Tetrahydrofuran	5.16	42	627	0.42	ug/l	#	90
36) 1,1-Dichloropropene	5.66	75	16610	4.49	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22064	5.70	ug/l	#	16
39) Methylcyclohexane	7.24	83	20	0.27	ug/l	#	58
76) 1,2,3-Trichloropropane	11.14	75	104130	25.68	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	104130	90.03	ug/l	#	7

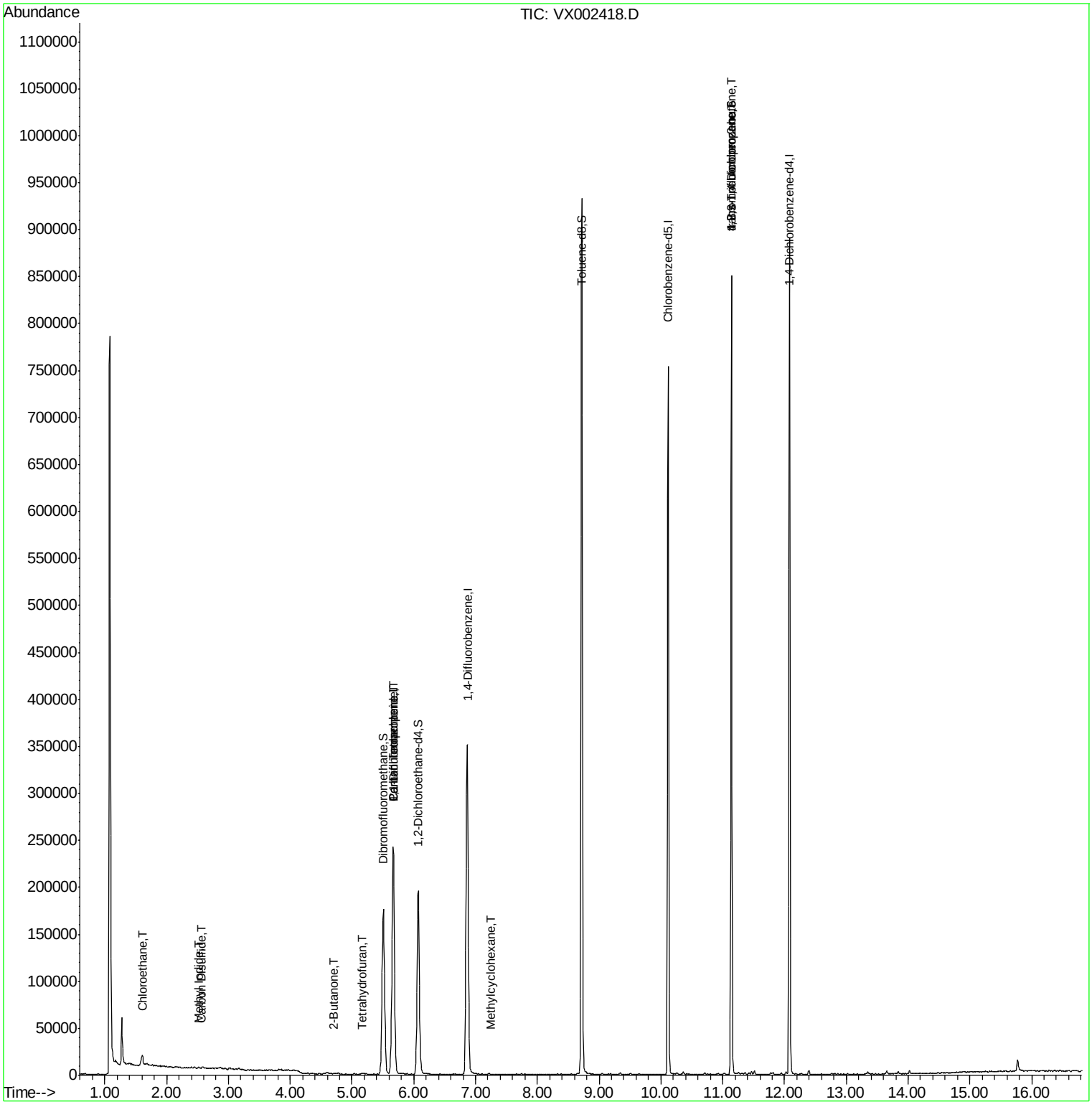
(#) = qualifier out of range (m) = manual integration (+) = signals summed

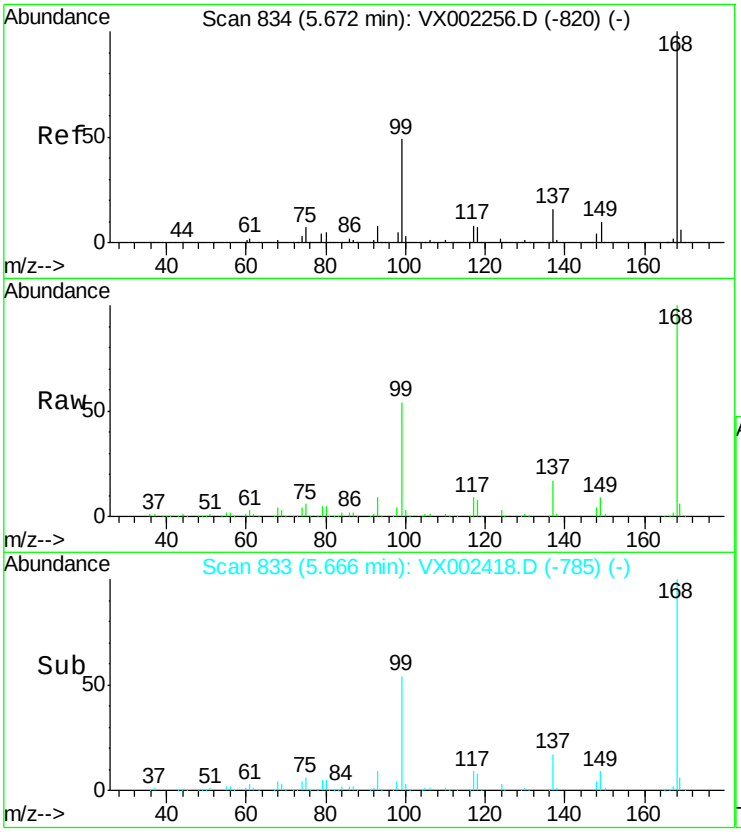
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
Data File : VX002418.D
Acq On : 09 Jun 2018 11:37
Operator : JC/MD
Sample : VX0609WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 11 04:04:35 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



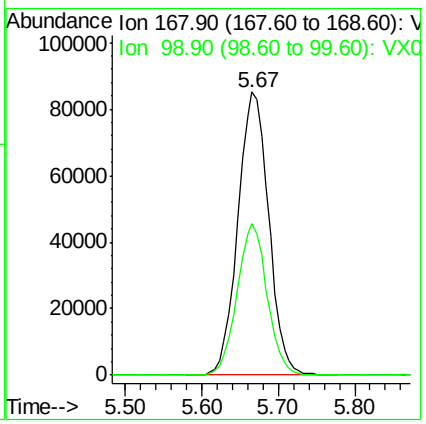


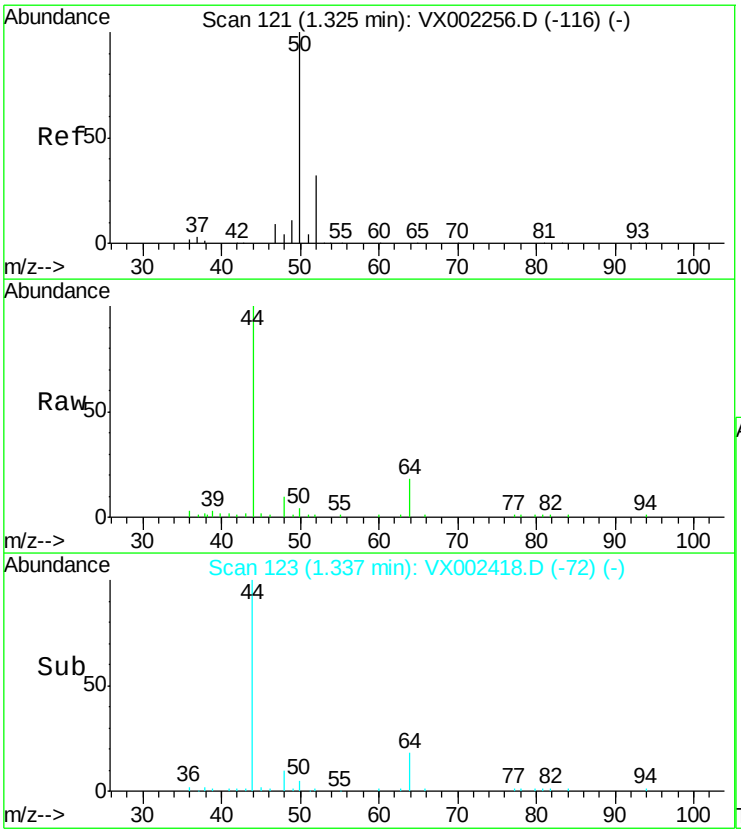
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 238217

Ion	Ratio	Lower	Upper
168	100		
99	53.5	39.3	58.9

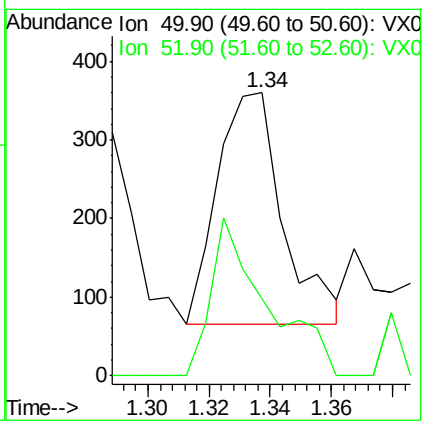


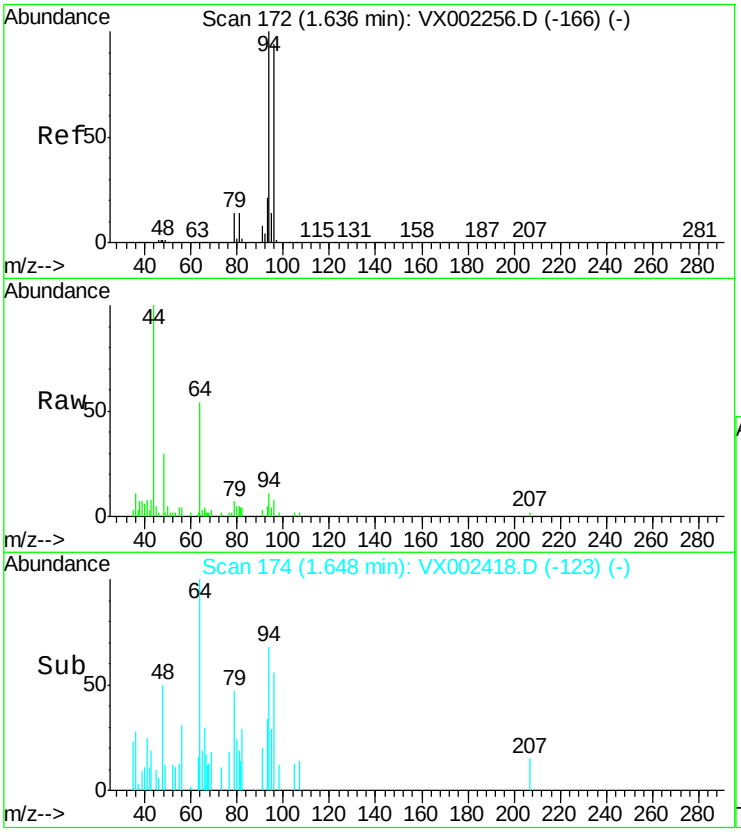


#3
Chloromethane
Concen: Below Cal
RT: 1.34 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 50 Resp: 436

Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.7	38.5



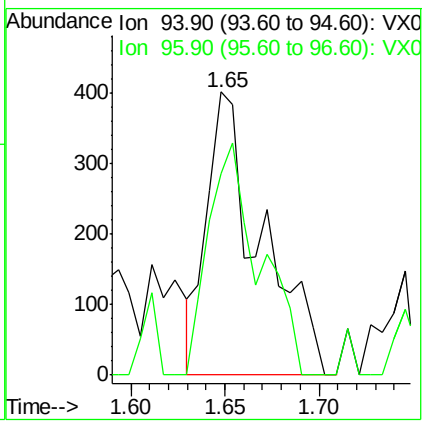


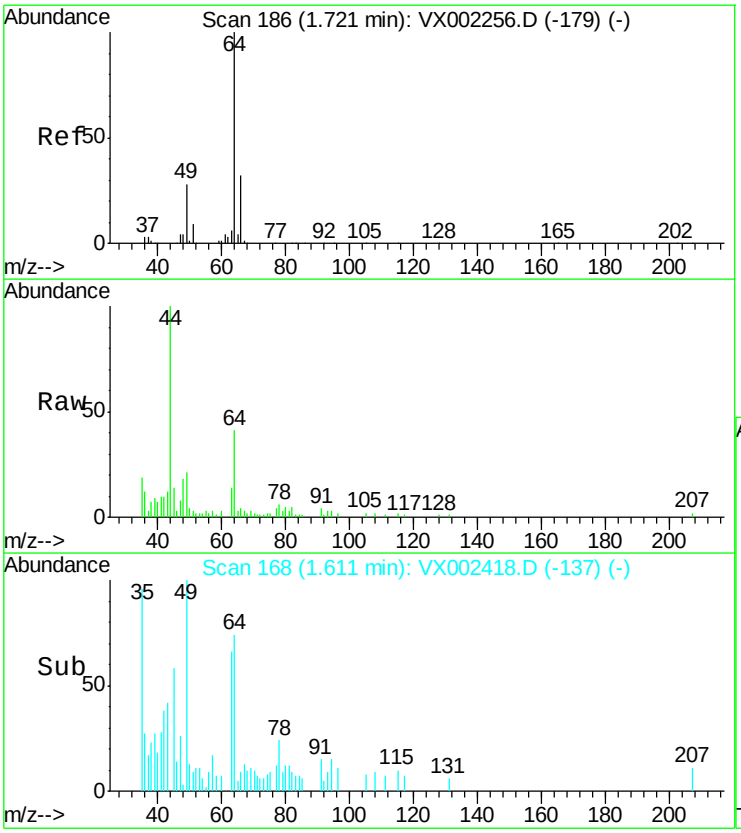
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 799

Ion	Ratio	Lower	Upper
94	100		
96	71.1	74.9	112.3#

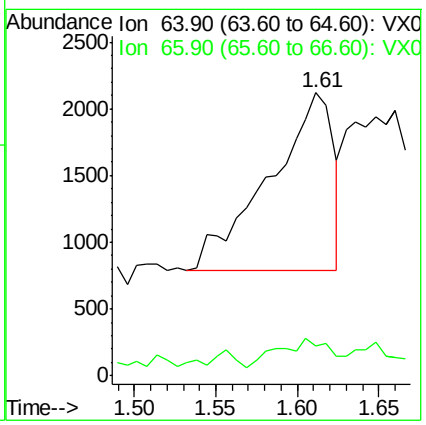


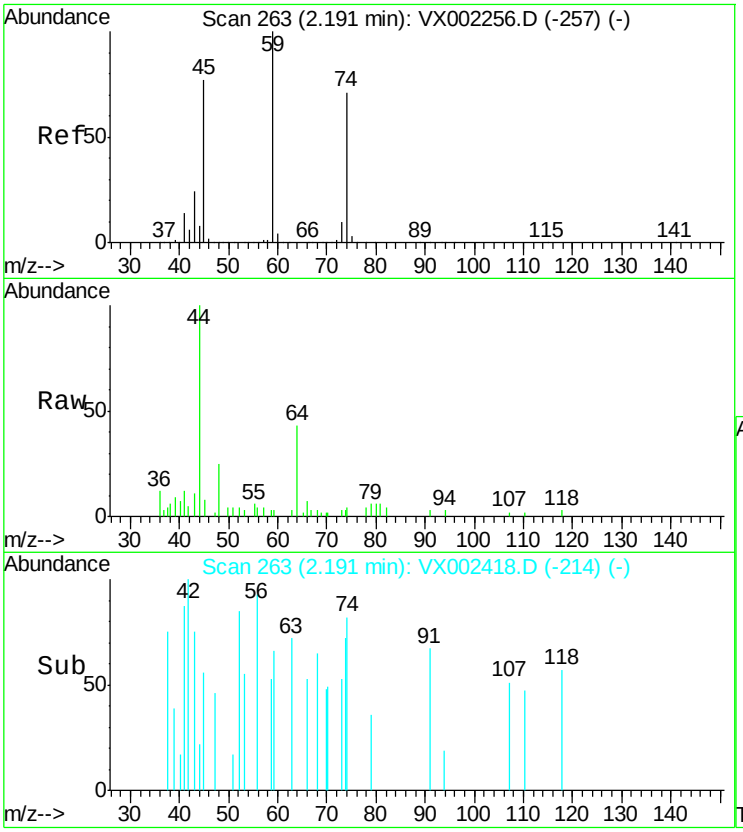


#6
Chloroethane
Concen: 1.79 ug/l
RT: 1.61 min Scan# 168
Delta R.T. -0.11 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 64 Resp: 3614

Ion	Ratio	Lower	Upper
64	100		
66	9.5	25.5	38.3#



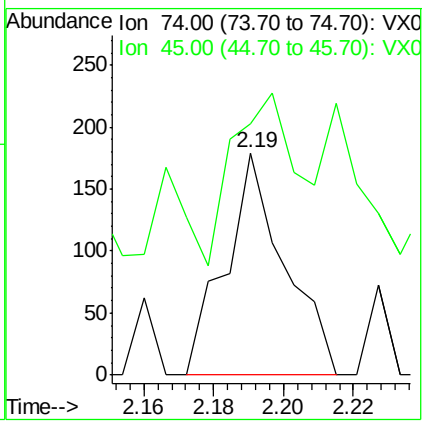


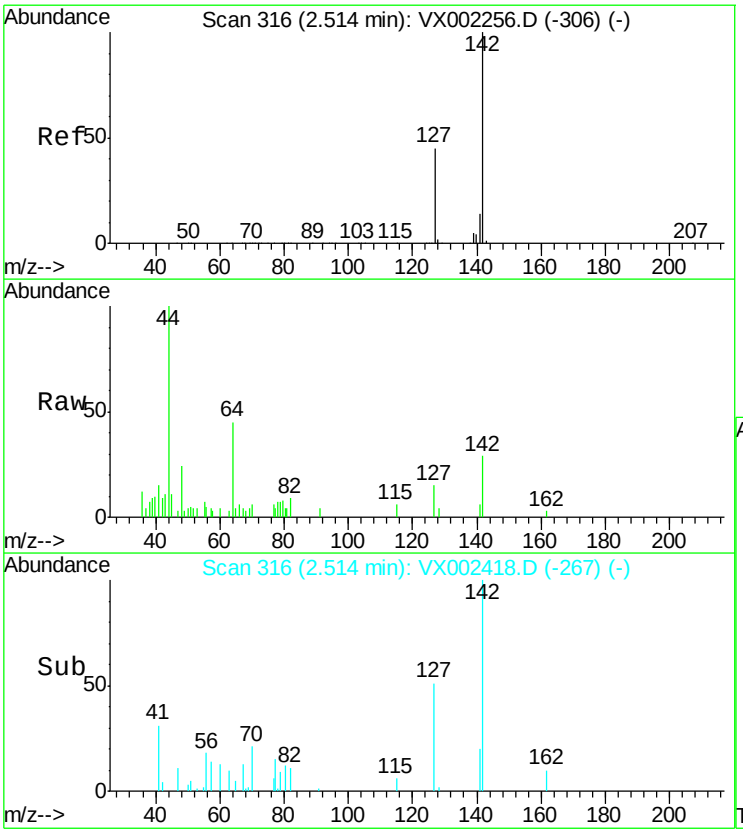
#8
Diethyl Ether
Concen: Below Cal
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 211

Ion	Ratio	Lower	Upper
74	100		
45	86.3	53.1	159.4

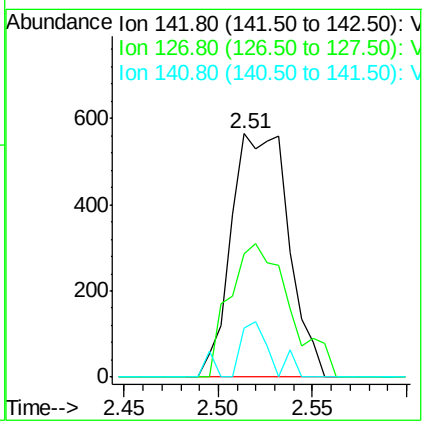


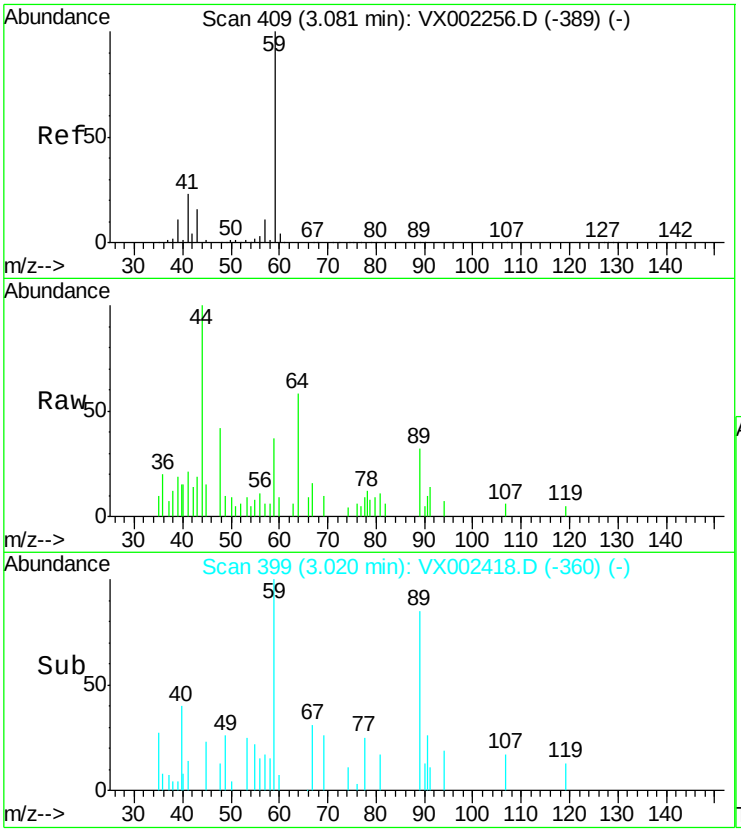


#10
Methyl Iodide
Concen: 0.33 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion:142 Resp: 1192

Ion	Ratio	Lower	Upper
142	100		
127	57.6	36.6	55.0#
141	11.6	11.3	16.9



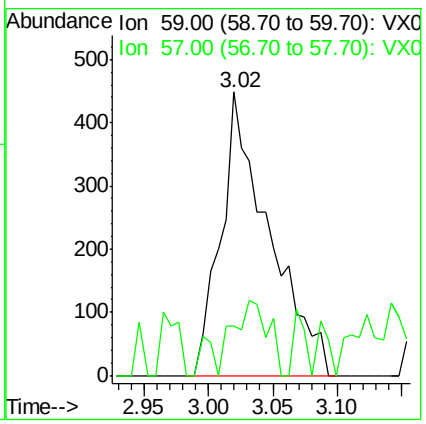


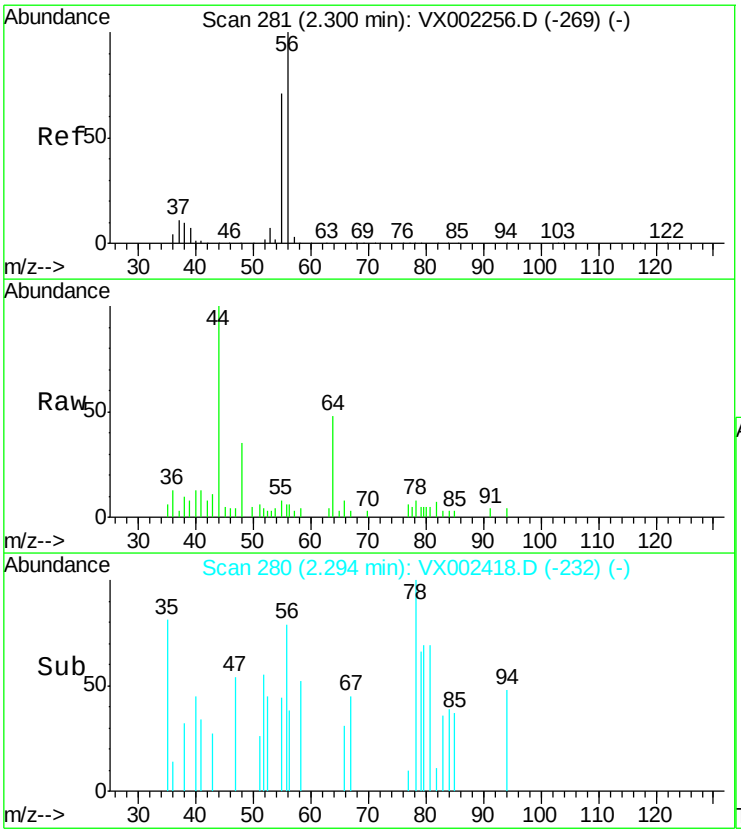
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1168

Ion	Ratio	Lower	Upper
59	100		
57	19.1	8.2	12.2#

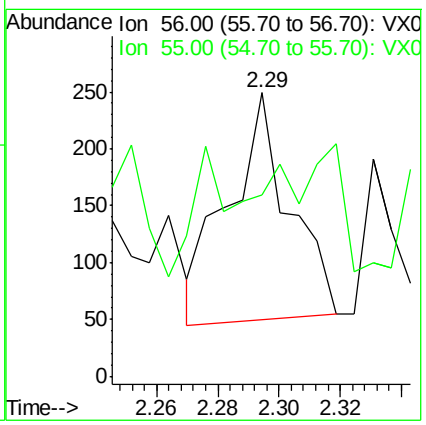


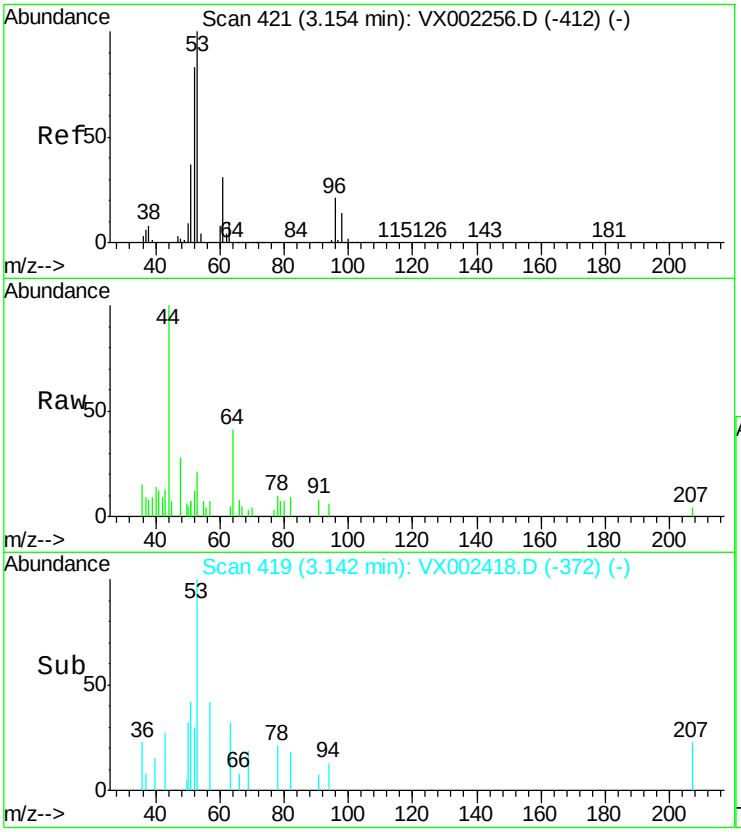


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 56 Resp: 275

Ion	Ratio	Lower	Upper
56	100		
55	36.4	57.0	85.4#



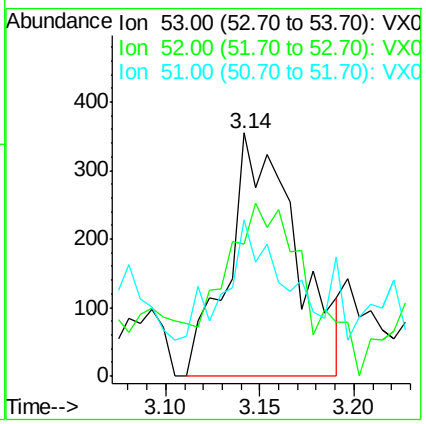


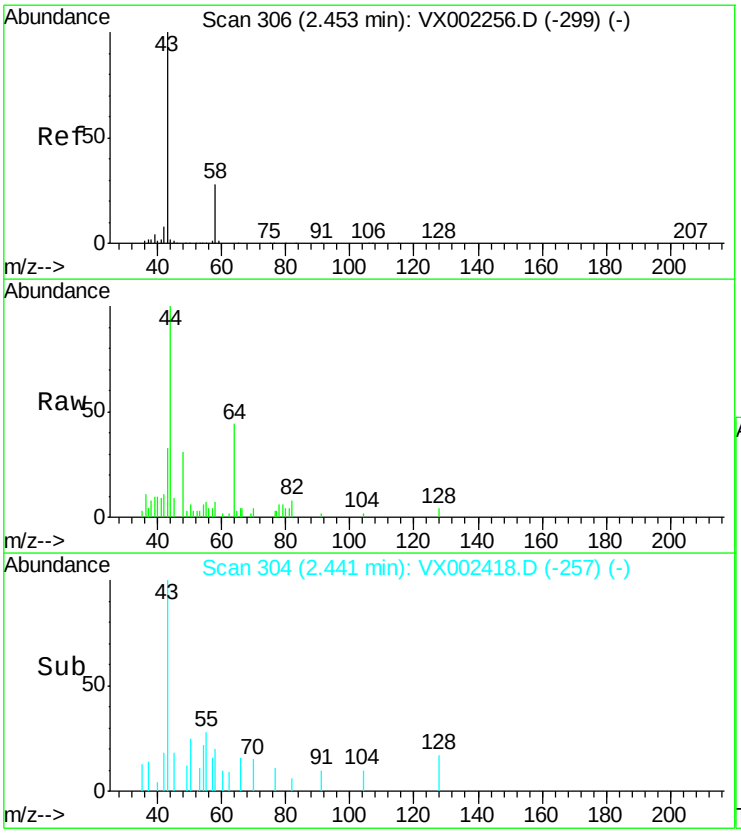
#15
Acrylonitrile
Concen: Below Cal
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 877

Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.7	100.1
51	42.1	29.9	44.9

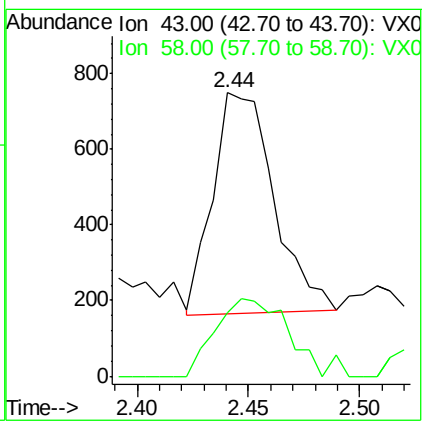


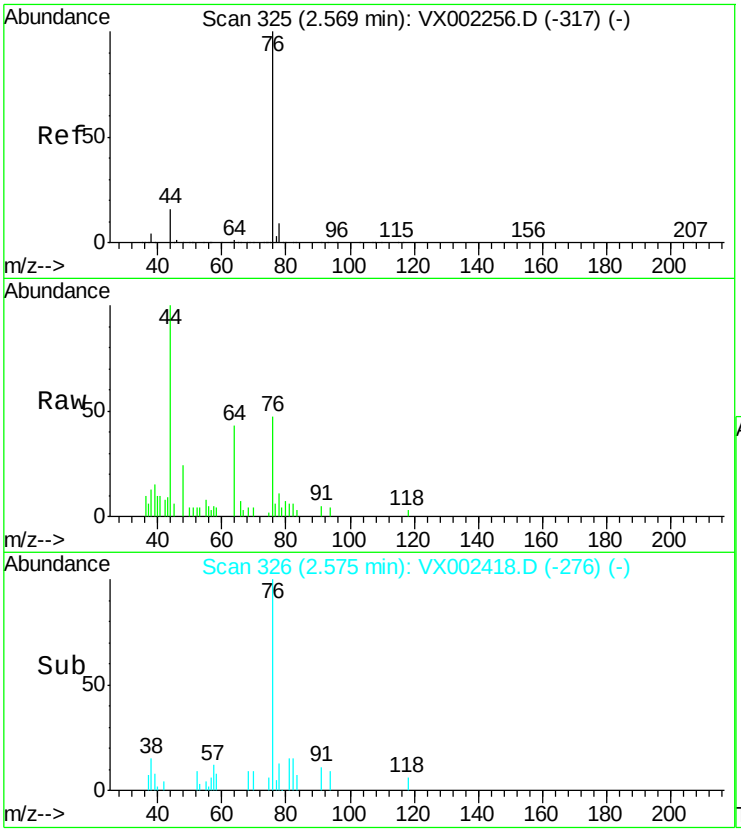


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 43 Resp: 1114

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1



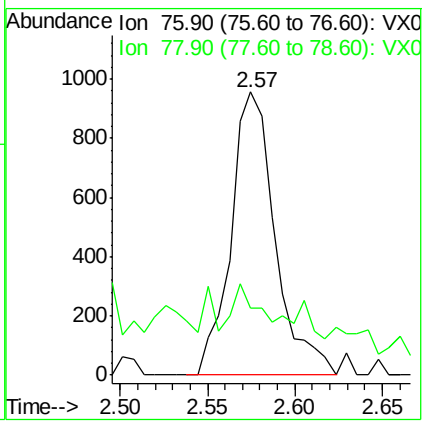


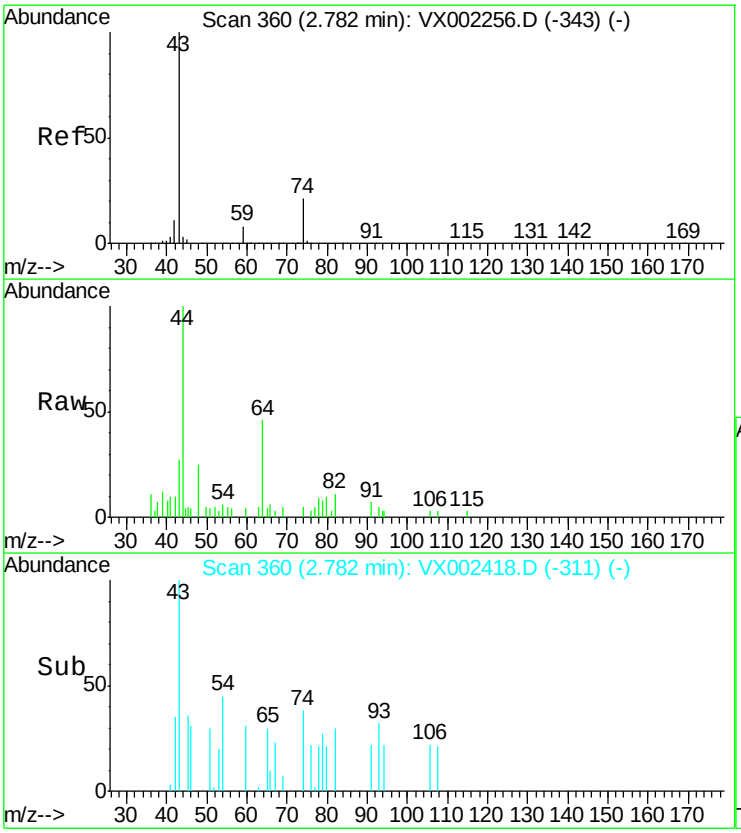
#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1684

Ion	Ratio	Lower	Upper
76	100		
78	6.9	6.9	10.3

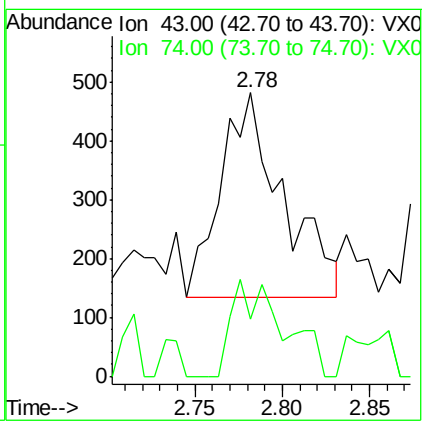


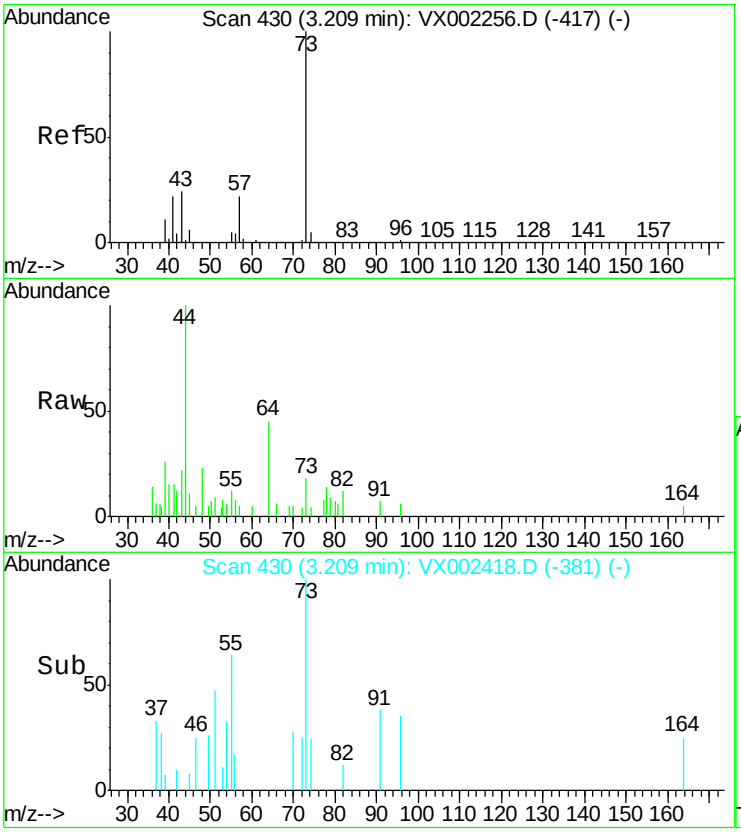


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 43 Resp: 858

Ion	Ratio	Lower	Upper
43	100		
74	39.0	16.7	25.1#



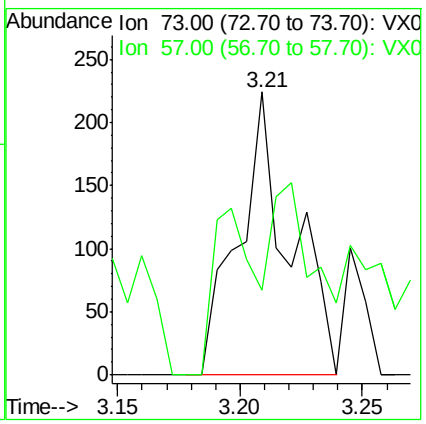


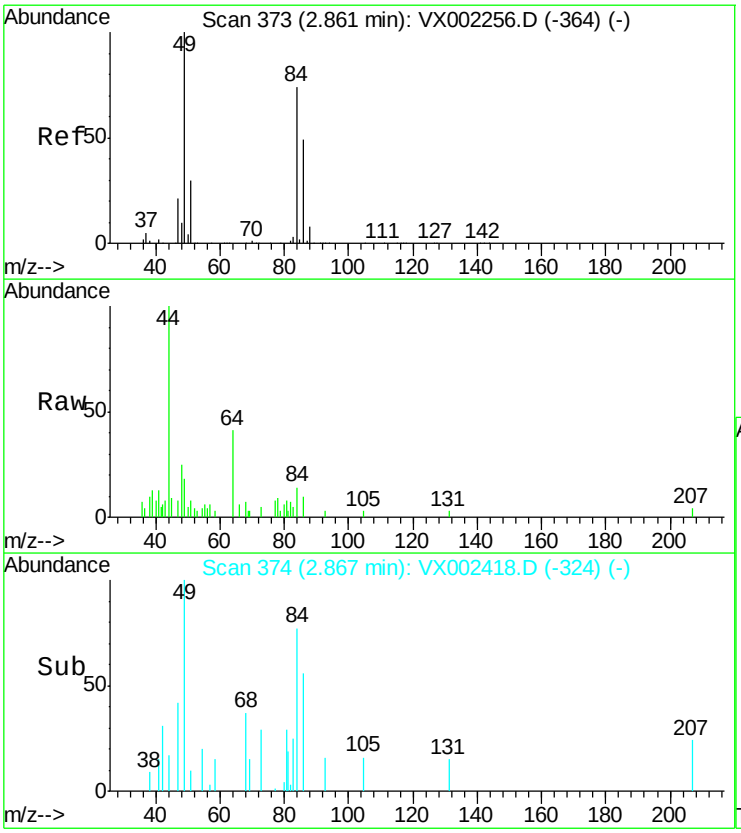
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 330

Ion	Ratio	Lower	Upper
73	100		
57	29.9	17.7	26.5#

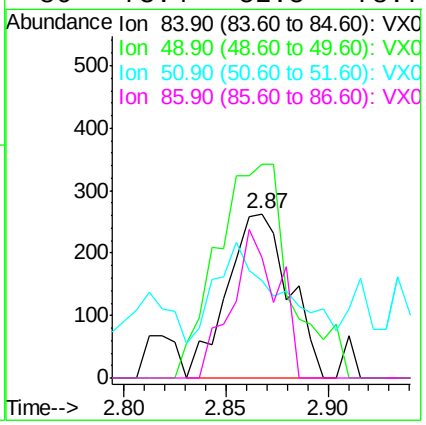


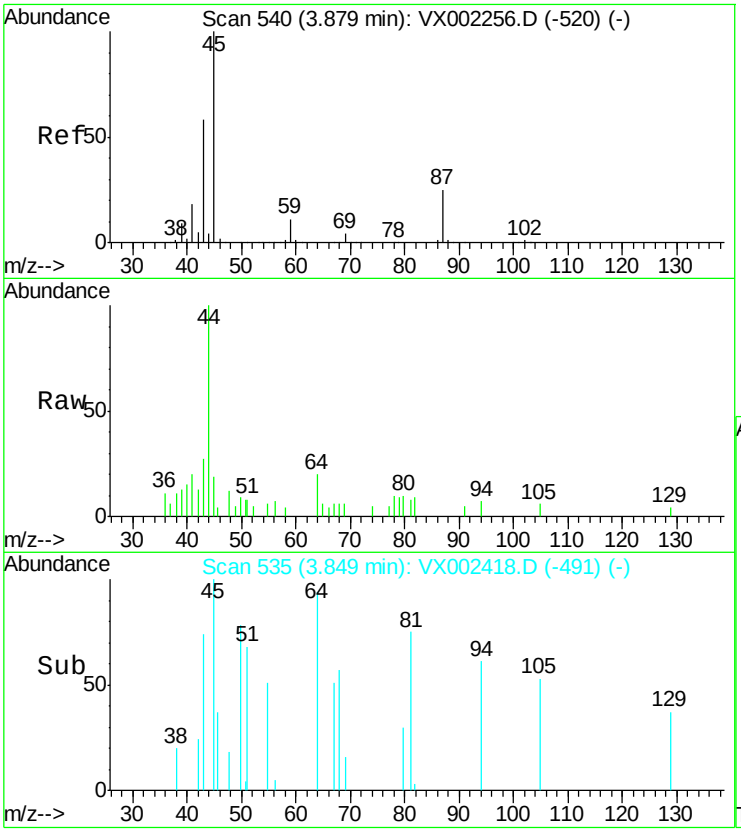


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 84 Resp: 555

Ion	Ratio	Lower	Upper
84	100		
49	109.1	107.8	161.6
51	37.6	32.8	49.2
86	73.4	52.5	78.7



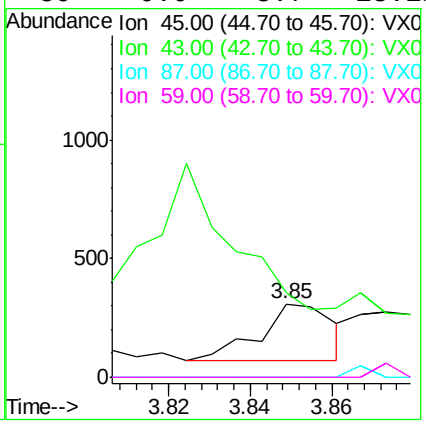


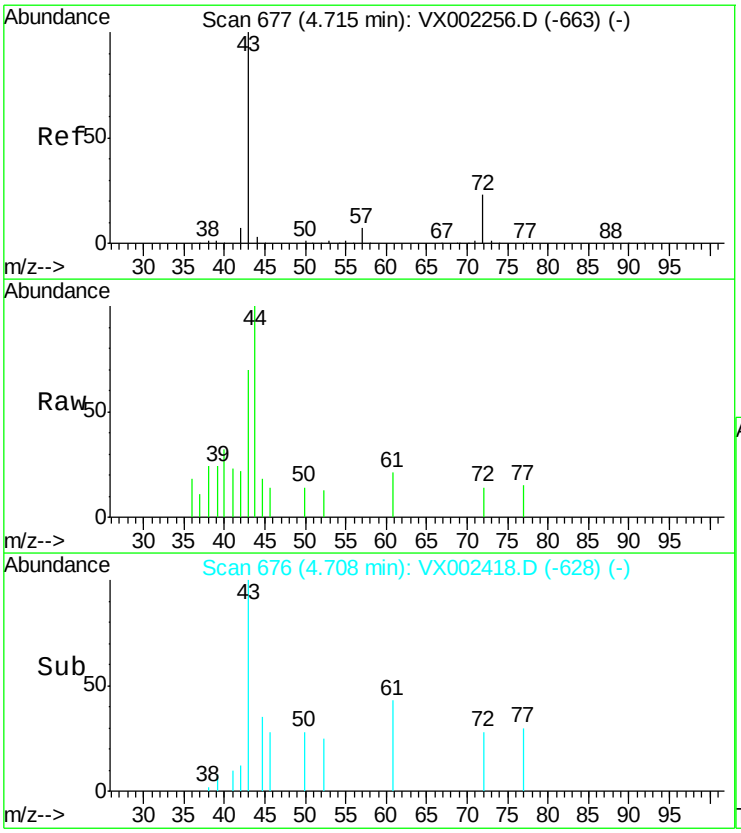
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 535
Delta R.T. -0.03 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 299

Ion	Ratio	Lower	Upper
45	100		
43	27.3	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

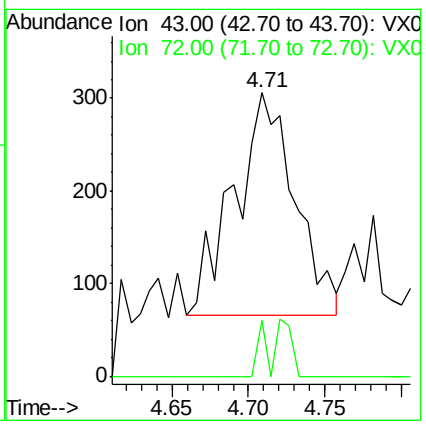


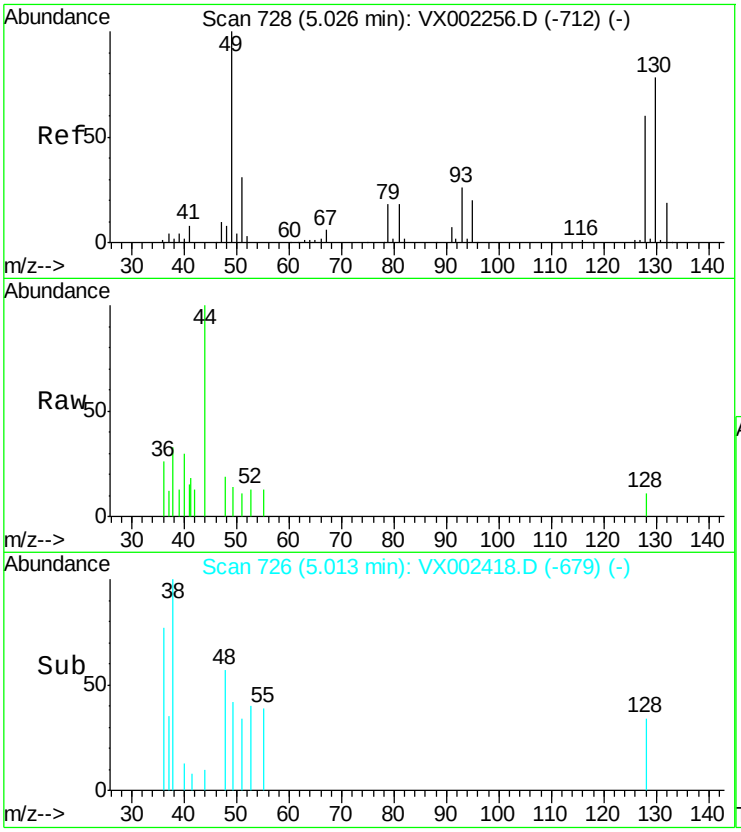


#25
2-Butanone
Concen: 0.28 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 43 Resp: 664

Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.5	27.7



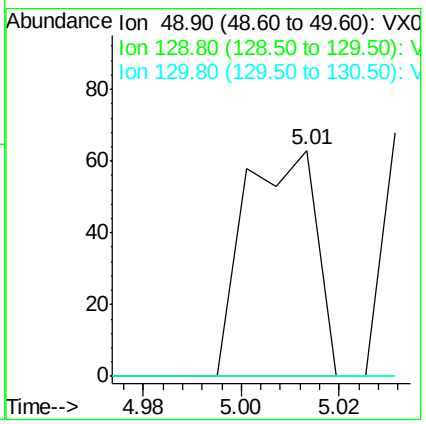


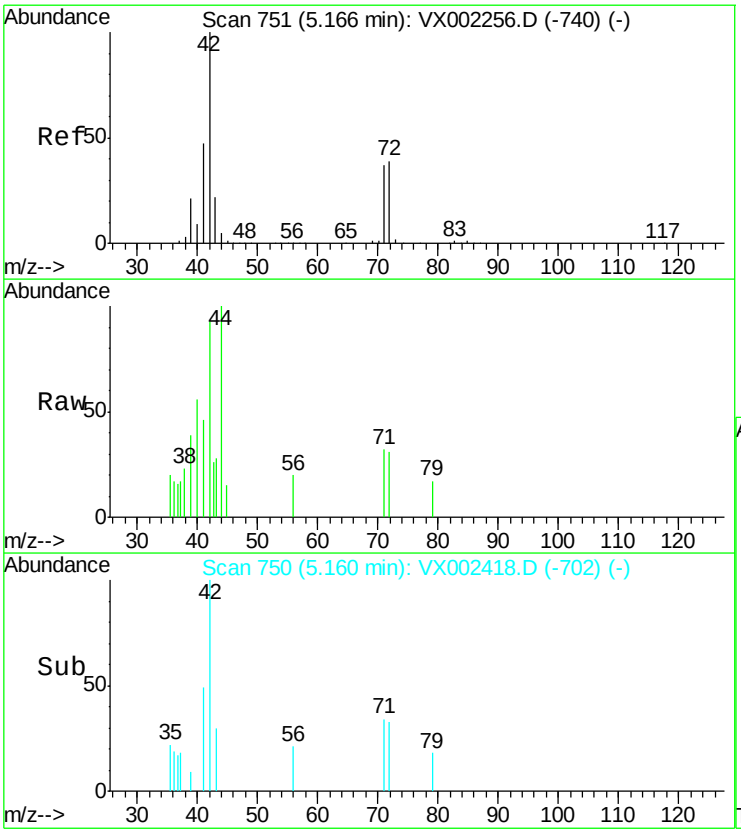
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 64

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

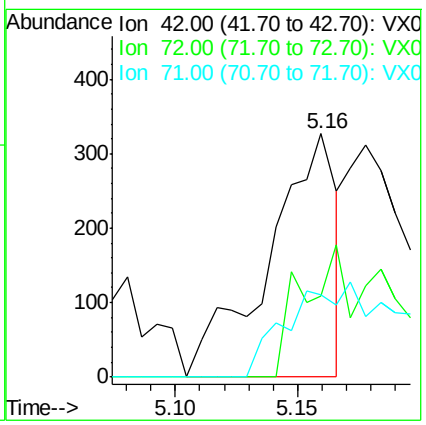


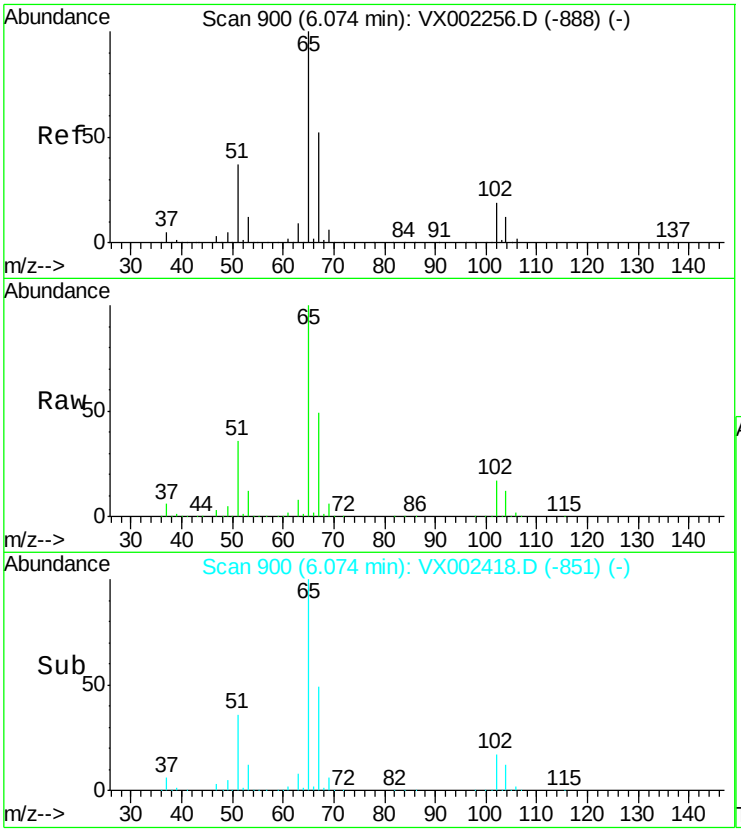


#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 42 Resp: 627

Ion	Ratio	Lower	Upper
42	100		
72	35.4	32.0	48.0
71	29.8	30.1	45.1#



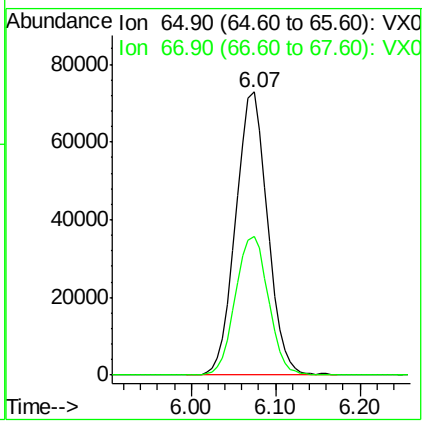


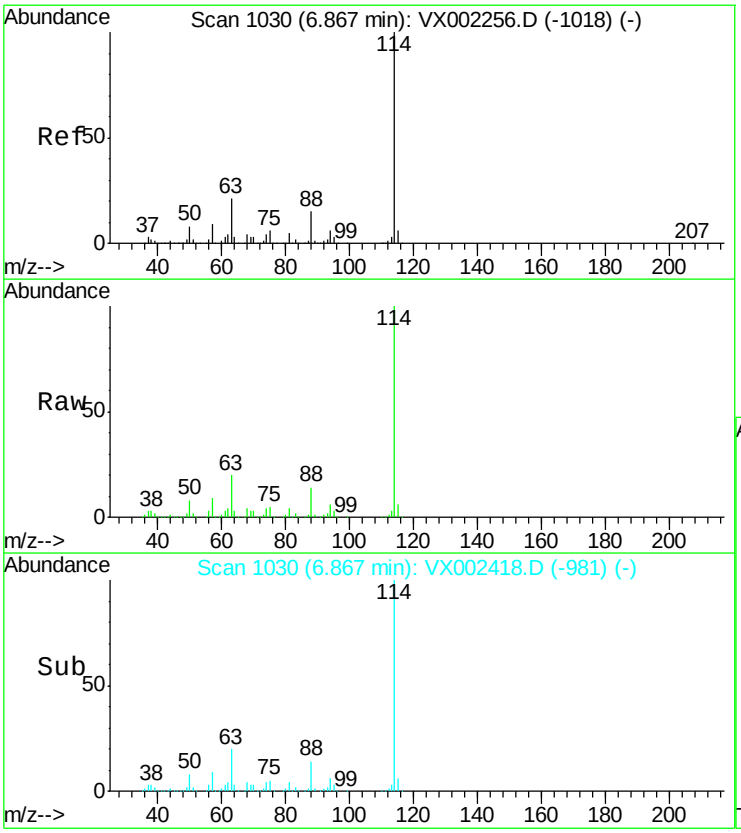
#33
1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 186198

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

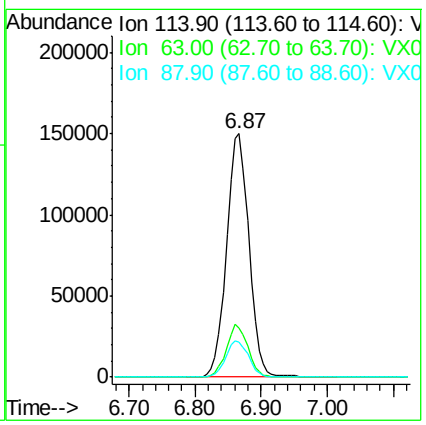


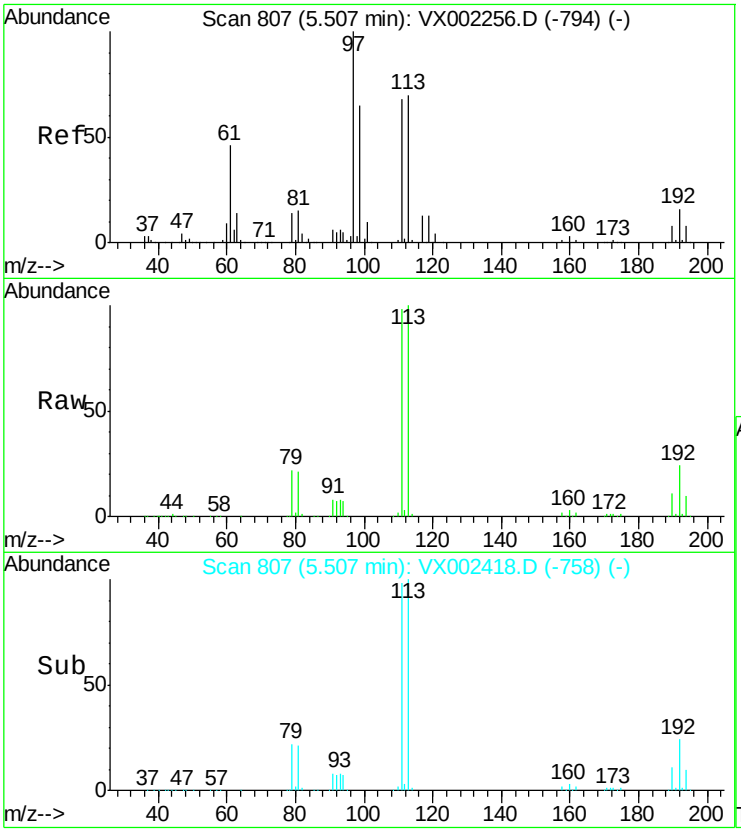


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion:114 Resp: 351733

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	14.3	0.0	30.0



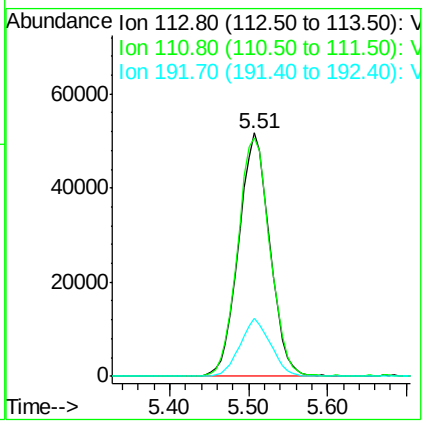


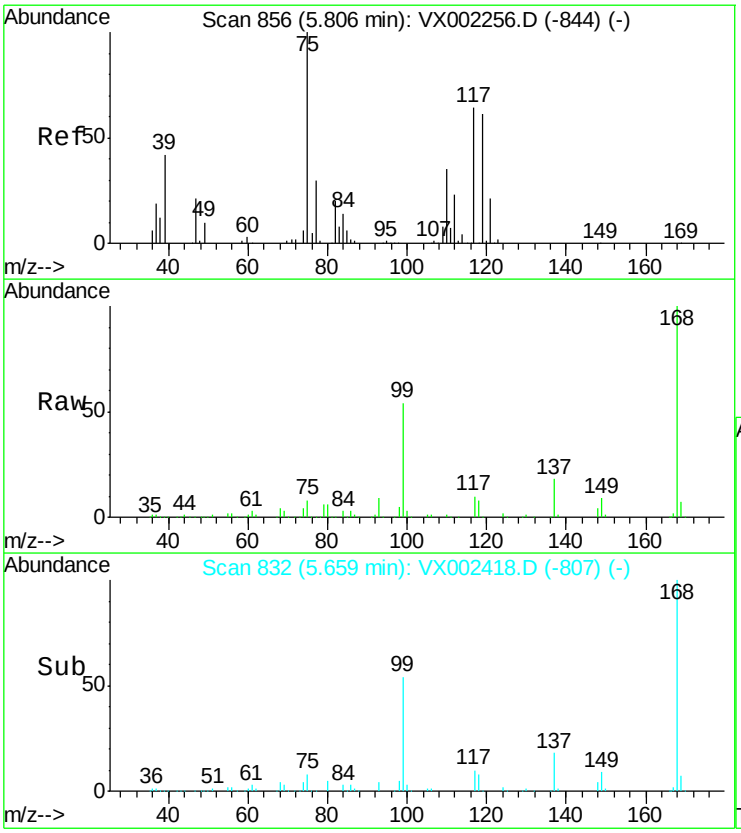
#35
Dibromofluoromethane
Concen: 51.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 141874

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	23.3	19.1	28.7

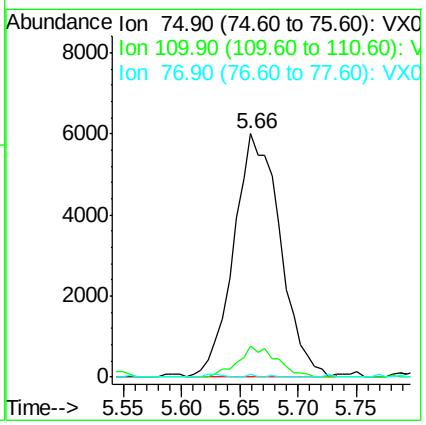


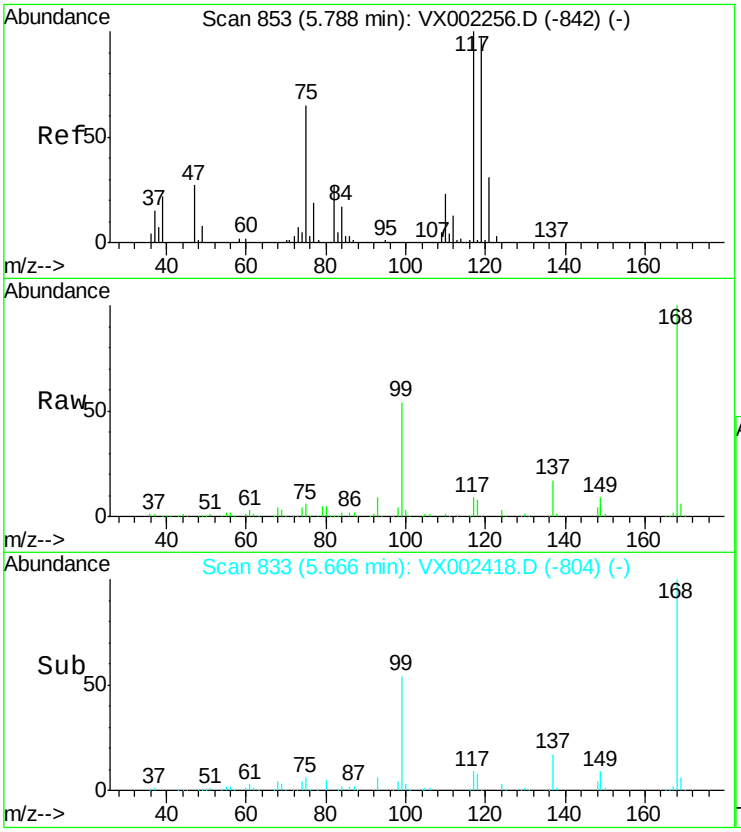


#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.15 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 75 Resp: 16610

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.4#
77	0.1	24.3	36.5#



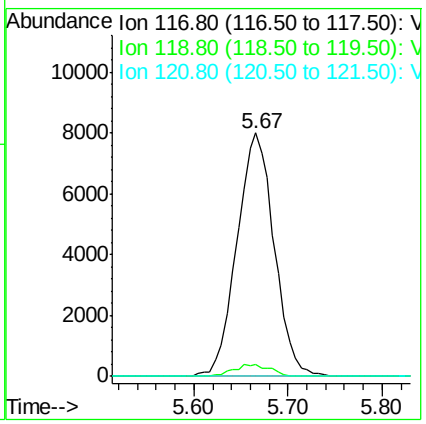


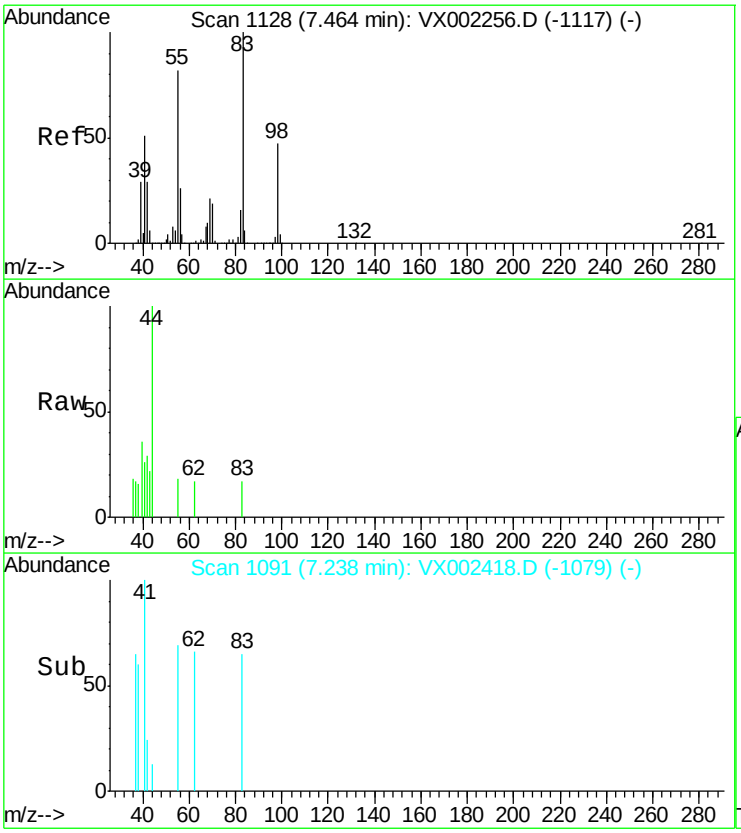
#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22064

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.4	36.6#

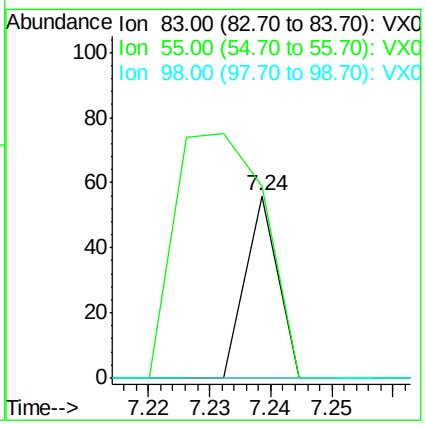


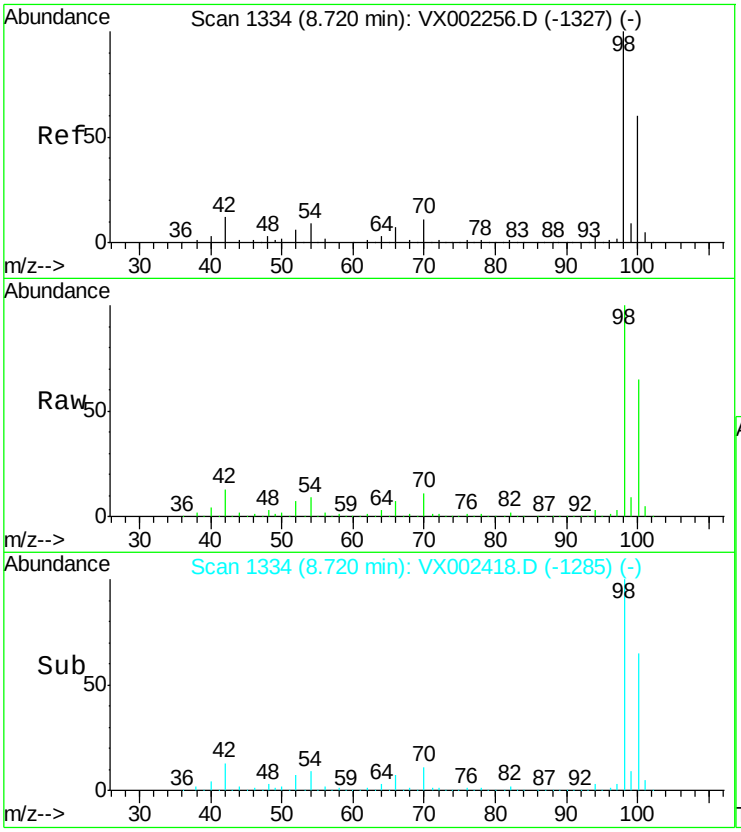


#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.24 min Scan# 1091
Delta R.T. -0.23 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 83 Resp: 20

Ion	Ratio	Lower	Upper
83	100		
55	105.4	65.4	98.0#
98	0.0	37.4	56.0#



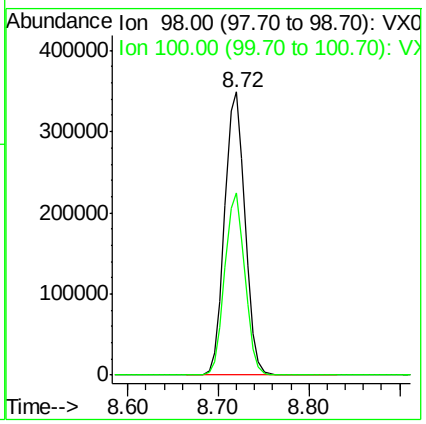


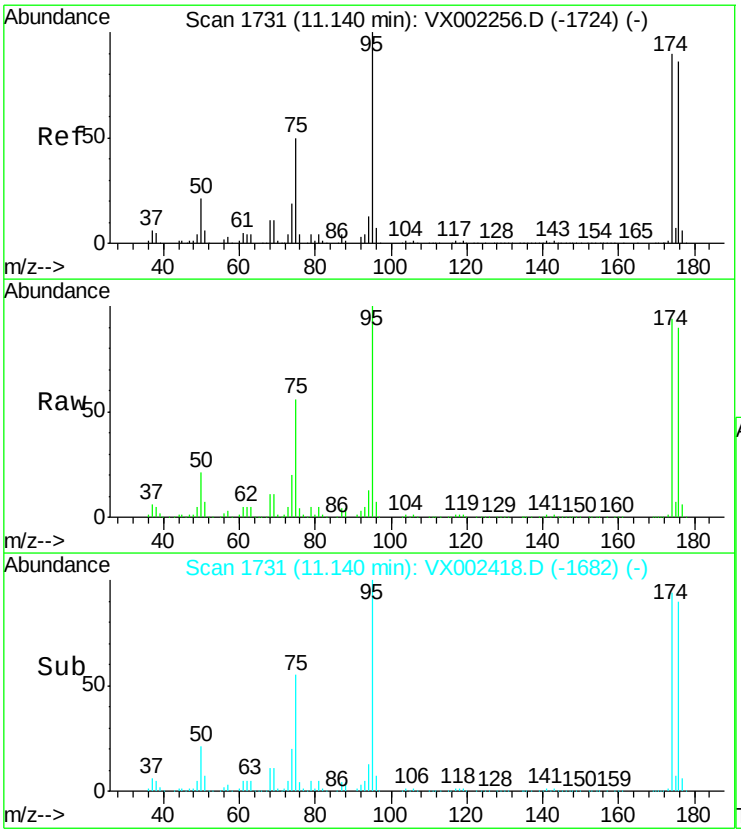
#50
Toluene-d8
Concen: 51.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 545111

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

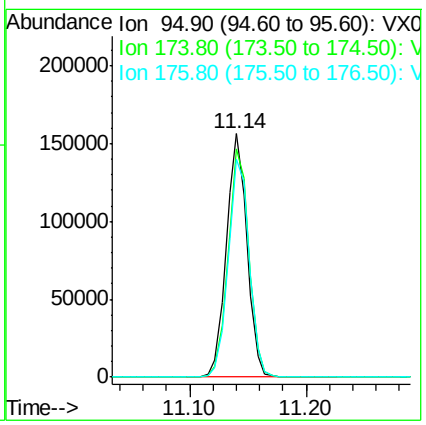


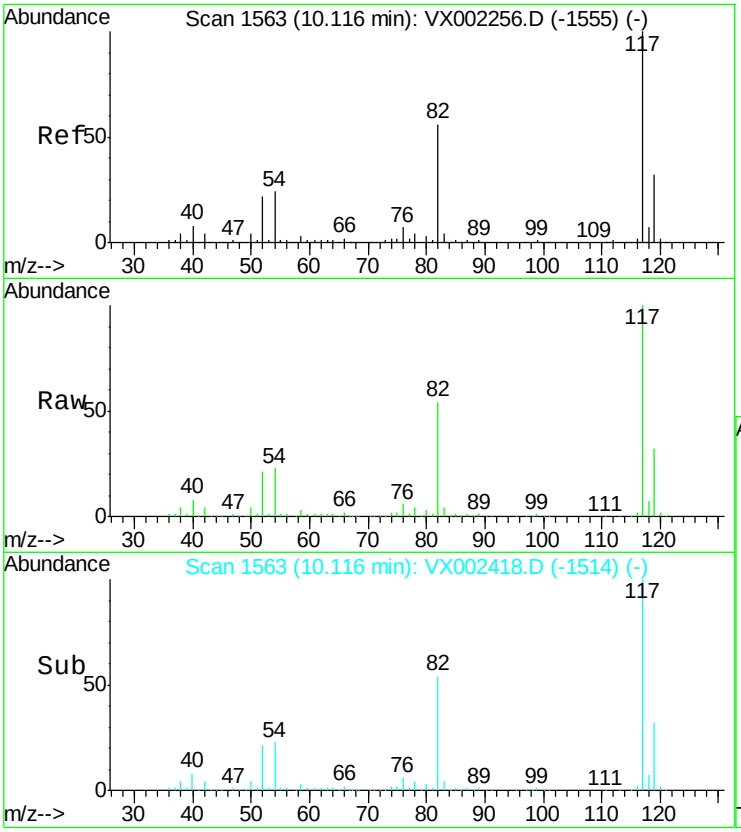


#62
4-Bromofluorobenzene
Concen: 46.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 95 Resp: 191053

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	92.1	0.0	181.0



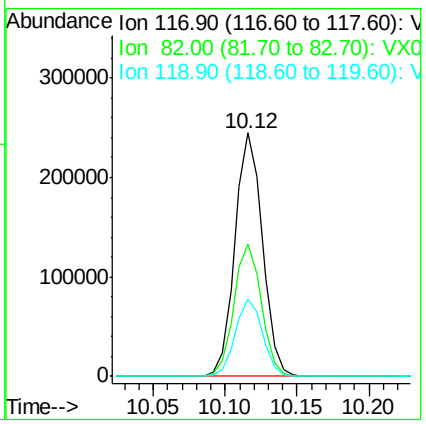


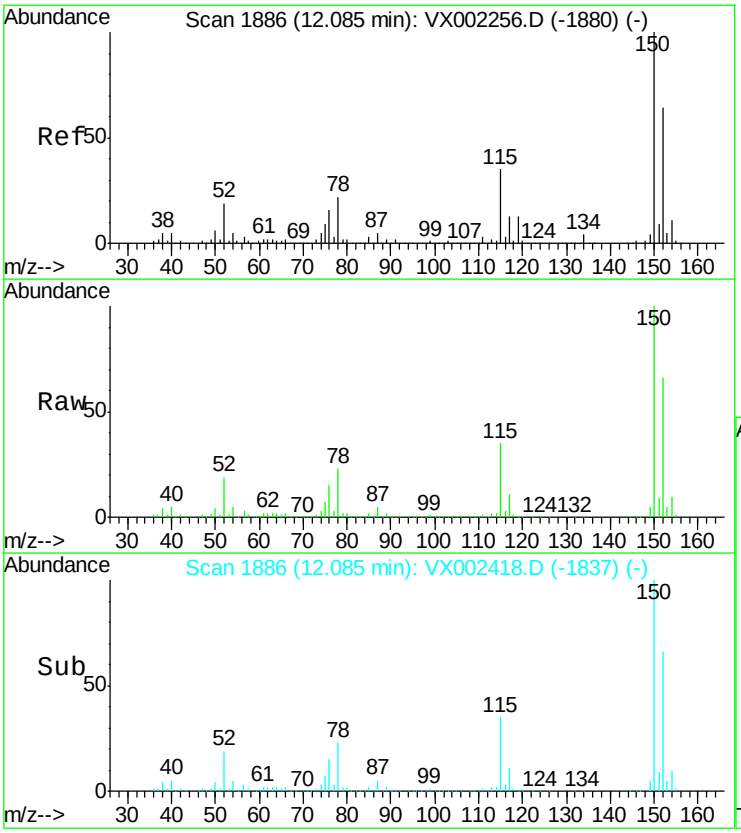
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 325410

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.4
119	31.7	25.8	38.6

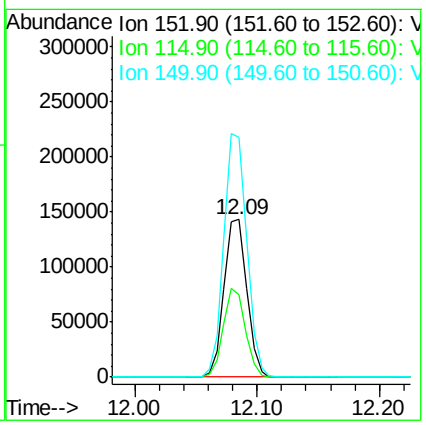


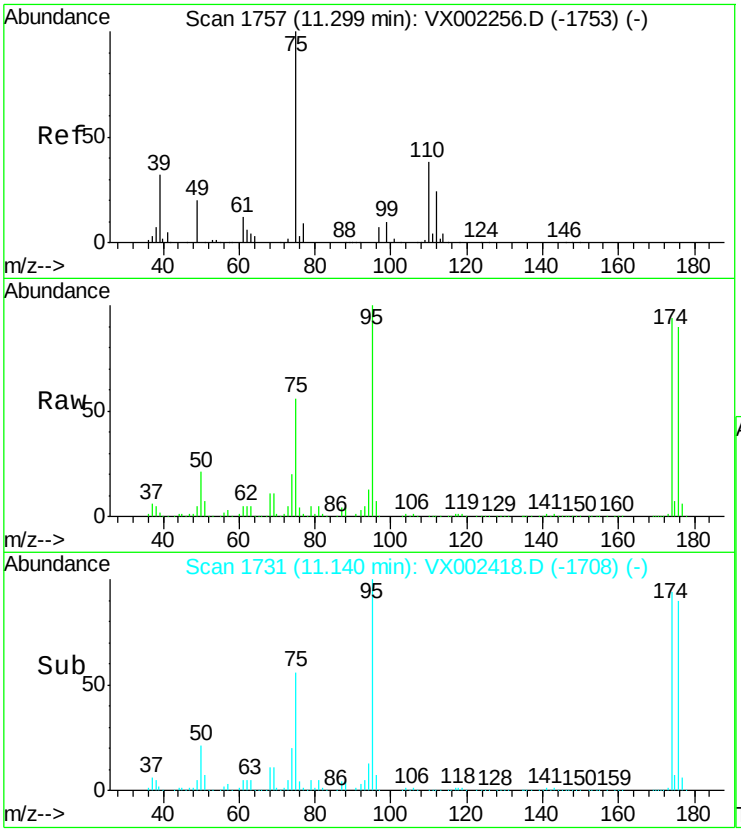


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion:152 Resp: 184771

Ion	Ratio	Lower	Upper
152	100		
115	54.7	40.1	120.2
150	155.5	0.0	347.2



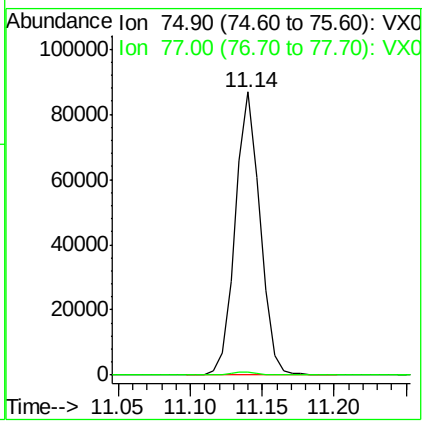


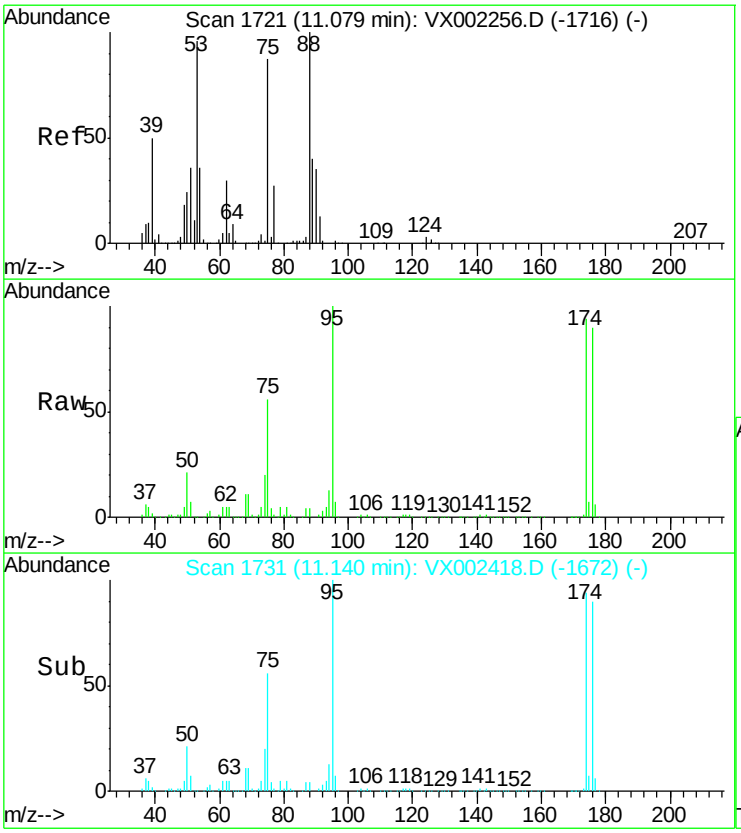
#76
1,2,3-Trichloropropane
Concen: 25.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 104130

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.03 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002418.D
Acq: 09 Jun 2018 11:37

Tgt Ion: 75 Resp: 104130

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