Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060618\
Data File : VX002351.D
Acq On : 06 Jun 2018 14:36
Operator : JC/MD
Sample : J2688-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:22:12 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	210626	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	309581	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	272721	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132573	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	148135	49.12	ug/l		0.00
Spiked Amount 50.000			Recovery =	98.24%			
35) Dibromofluoromethane	5.51	113	111183	45.67	ug/l		0.00
Spiked Amount 50.000			Recovery =	91.34%			
50) Toluene-d8	8.72	98	438362	46.98	ug/l		0.00
Spiked Amount 50.000			Recovery =	93.96%			
62) 4-Bromofluorobenzene	11.14	95	139335	38.72	ug/l		0.00
Spiked Amount 50.000			Recovery =	77.44%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	472	0.22	ug/l		82
3) Chloromethane	1.33	50	15661	3.58	ug/l	#	72
5) Bromomethane	1.66	94	1043	Below Cal		#	78
8) Diethyl Ether	2.19	74	391	Below Cal			89
10) Methyl Iodide	2.53	142	1312	0.41	ug/l	#	86
11) Tert butyl alcohol	3.06	59	253	Below Cal		#	73
13) Acrolein	2.30	56	300	Below Cal			90
15) Acrylonitrile	3.12	53	264	Below Cal		#	29
16) Acetone	2.45	43	8346	Below Cal			93
17) Carbon Disulfide	2.57	76	6397	1.08	ug/l		97
18) Methyl Acetate	2.78	43	634	Below Cal		#	66
19) Methyl tert-butyl Ether	3.21	73	35652	2.28	ug/l		100
20) Methylene Chloride	2.86	84	198	Below Cal		#	28
22) Diisopropyl ether	3.89	45	180	Below Cal		#	35
25) 2-Butanone	4.71	43	1056	0.51	ug/l		94
28) Bromochloromethane	4.99	49	57	Below Cal		#	13
31) Cyclohexane	5.67	56	5025	1.32	ug/l	#	8
36) 1,1-Dichloropropene	5.67	75	15041	4.62	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	19298	5.67	ug/l	#	16
39) Methylcyclohexane	7.47	83	40	0.27	ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	75896	26.09	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	75896	91.45	ug/l	#	6
90) Hexachloroethane	12.76	117	301	0.23	ug/l	#	1

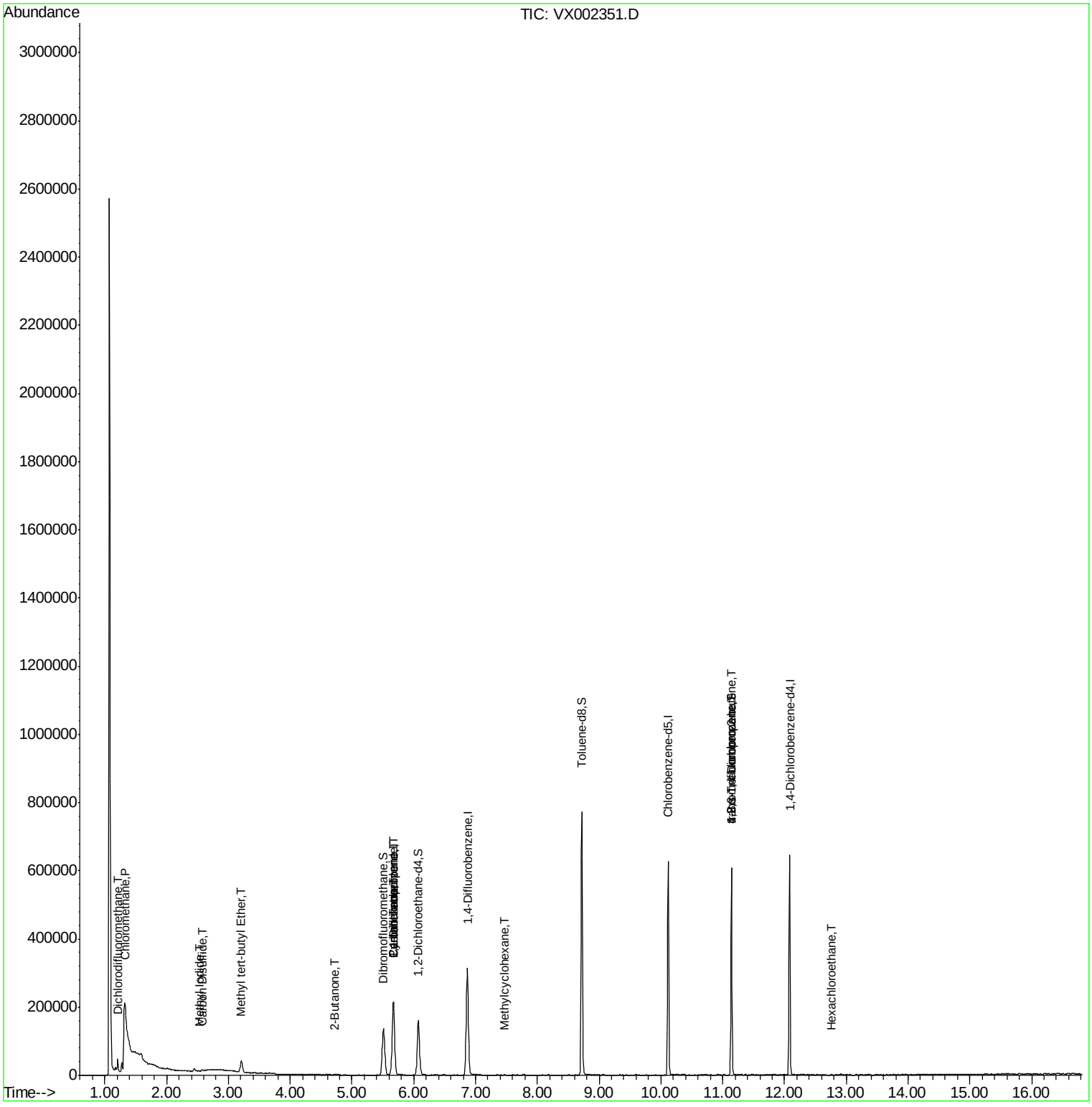
(#) = qualifier out of range (m) = manual integration (+) = signals summed

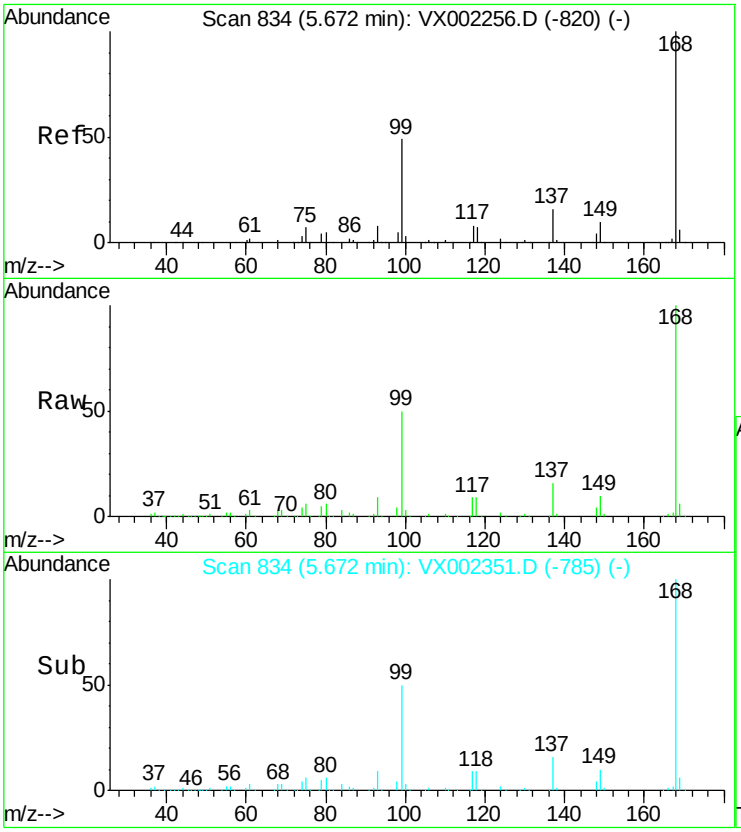
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002351.D
Acq On : 06 Jun 2018 14:36
Operator : JC/MD
Sample : J2688-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:22:12 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



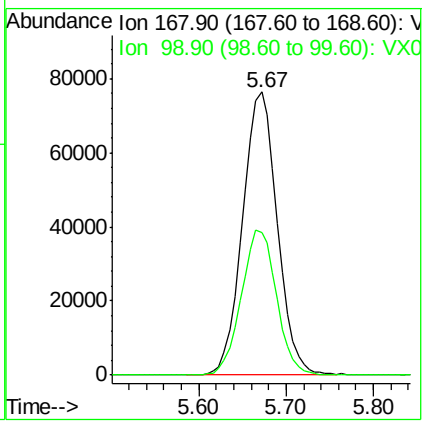


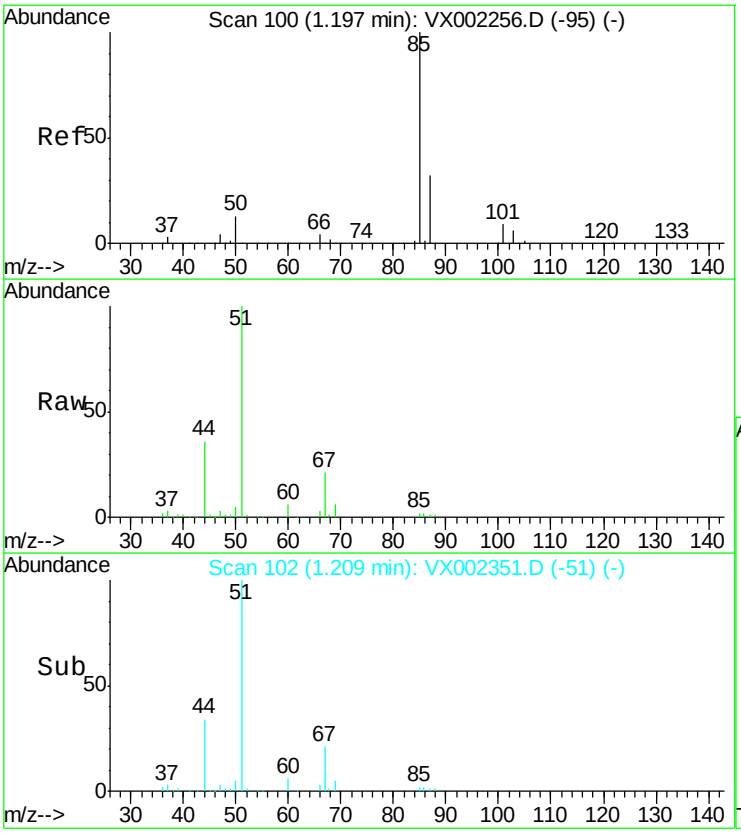
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 210626

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.3	58.9

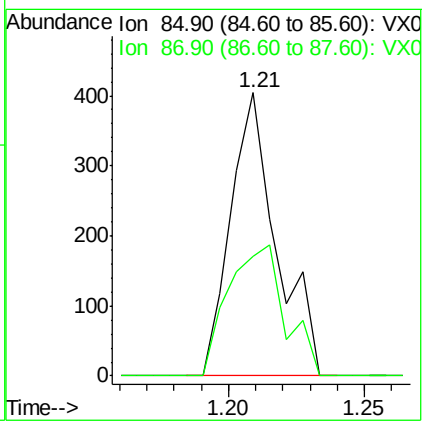


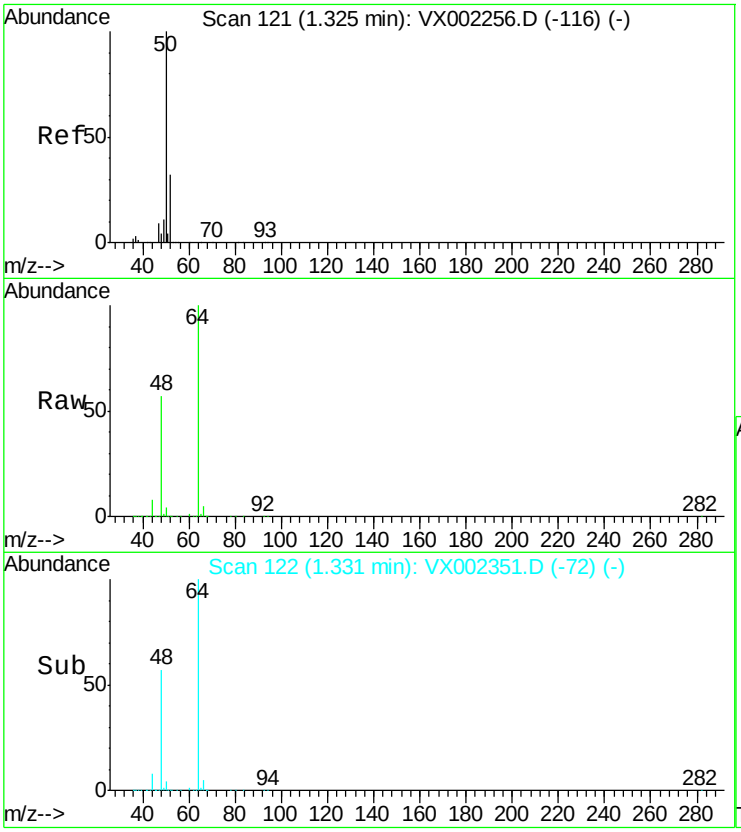


#2
Dichlorodifluoromethane
Concen: 0.22 ug/l
RT: 1.21 min Scan# 102
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 85 Resp: 472

Ion	Ratio	Lower	Upper
85	100		
87	42.1	16.0	47.9



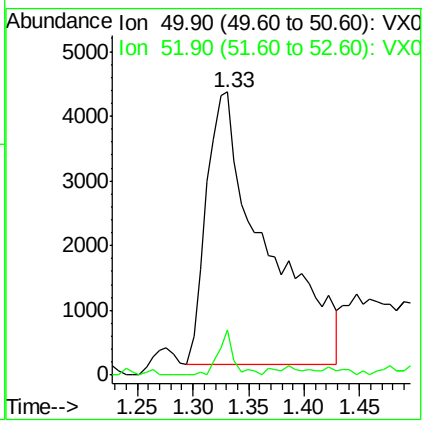


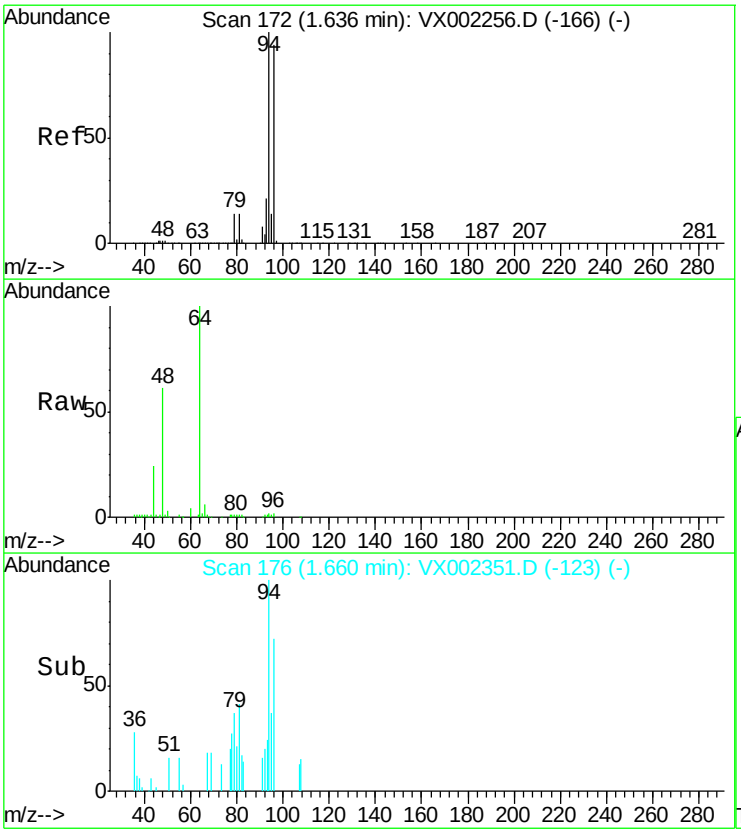
#3
Chloromethane
Concen: 3.58 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 15661

Ion	Ratio	Lower	Upper
50	100		
52	16.5	25.7	38.5#

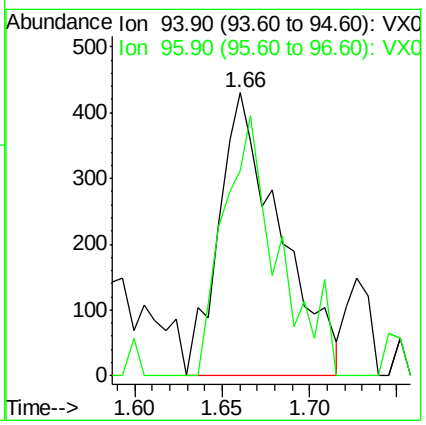


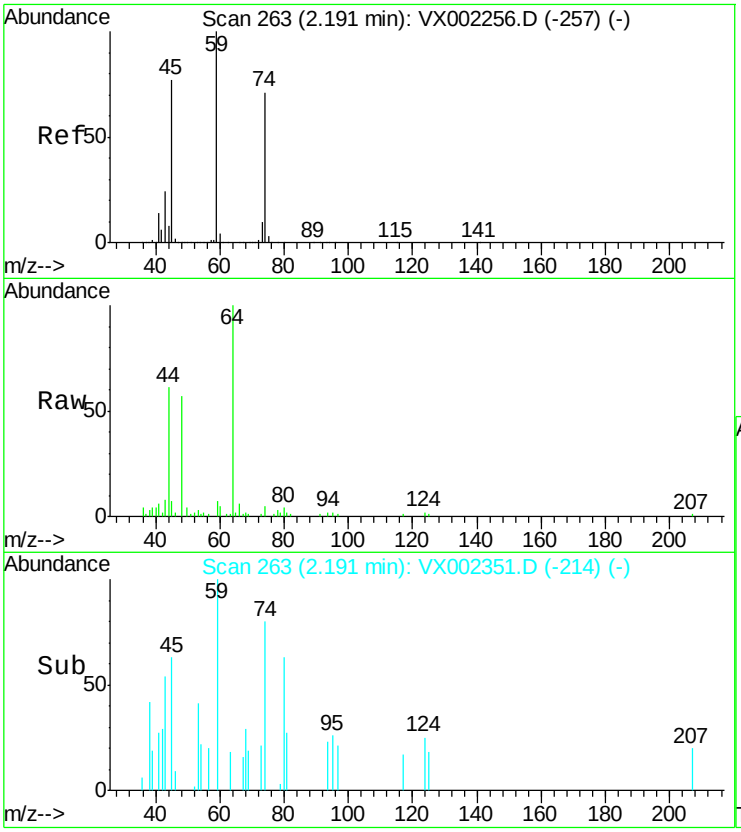


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 94 Resp: 1043

Ion	Ratio	Lower	Upper
94	100		
96	72.3	74.9	112.3#



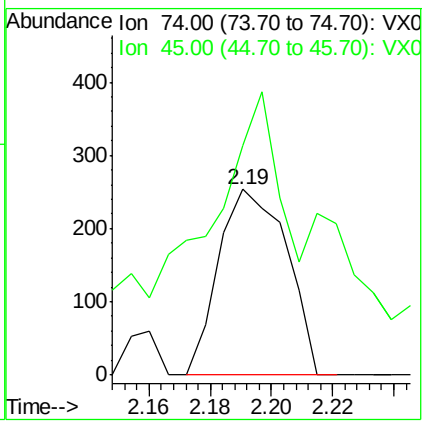


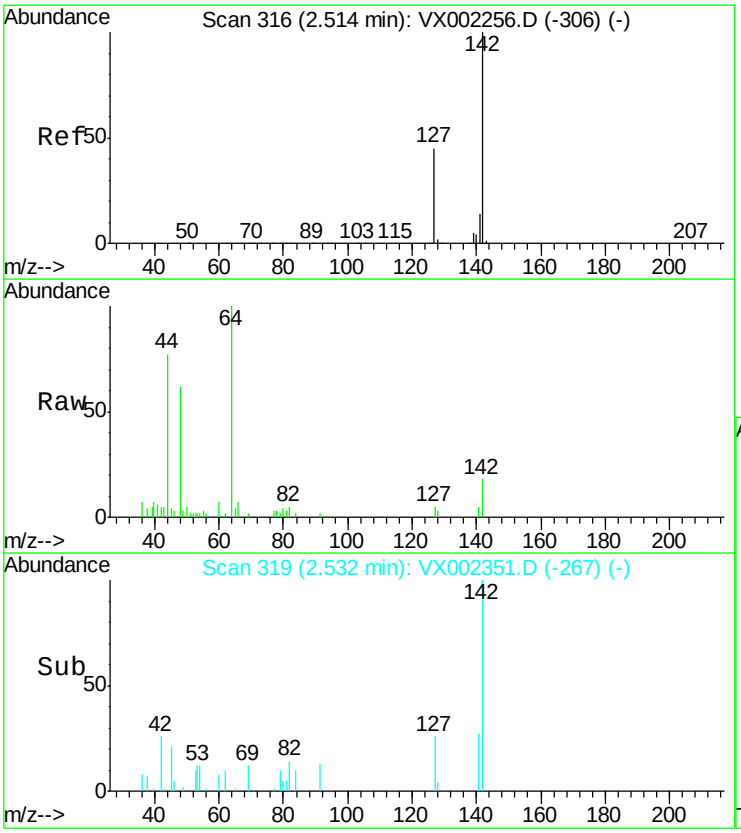
#8
Diethyl Ether
Concen: Below Cal
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 391

Ion	Ratio	Lower	Upper
74	100		
45	94.9	53.1	159.4

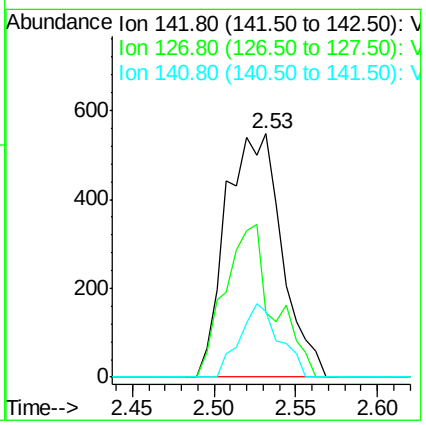


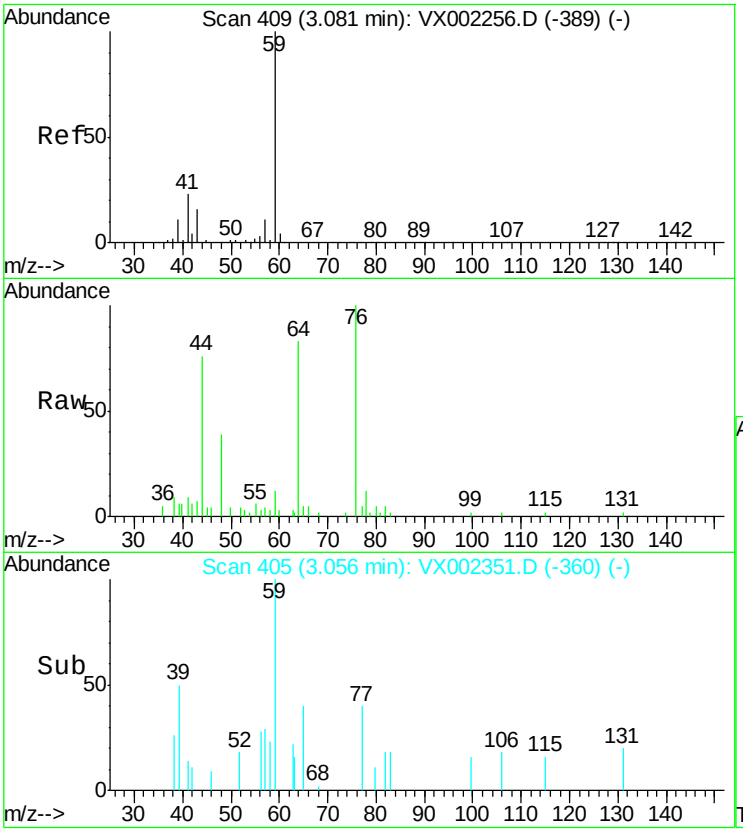


#10
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion:142 Resp: 1312

Ion	Ratio	Lower	Upper
142	100		
127	54.4	36.6	55.0
141	21.3	11.3	16.9#



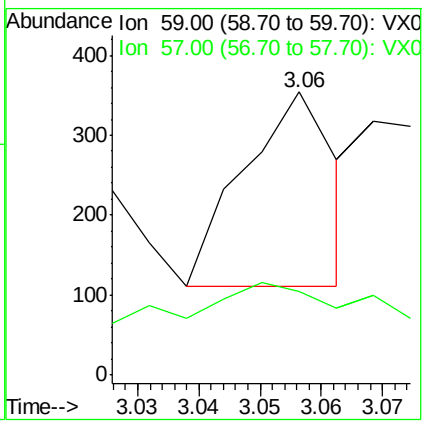


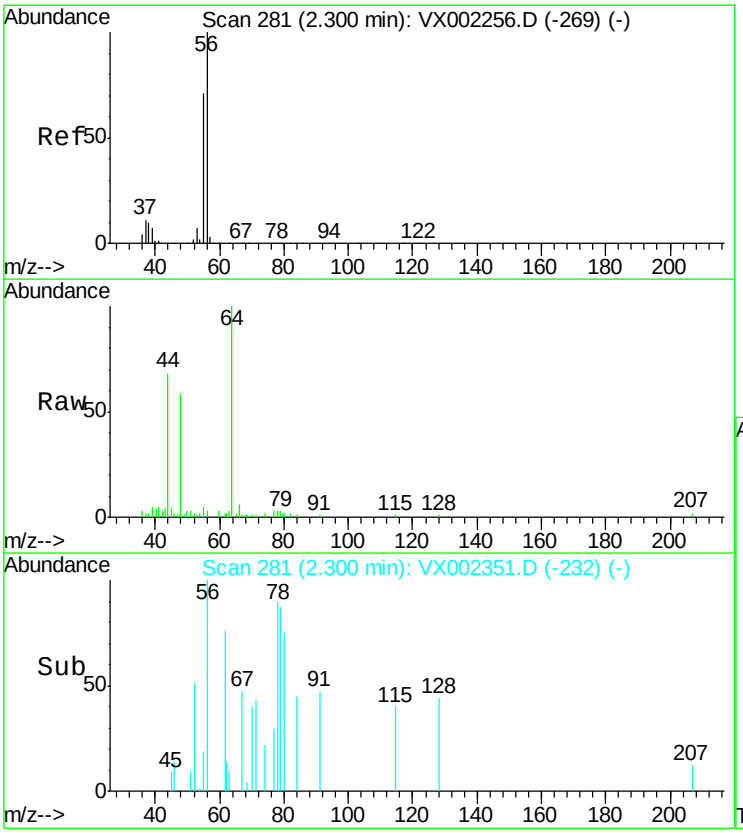
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.06 min Scan# 405
Delta R.T. -0.02 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 253

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

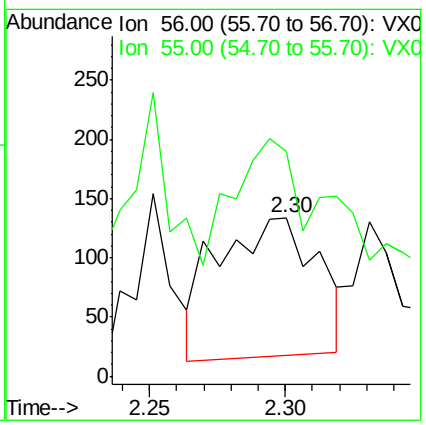


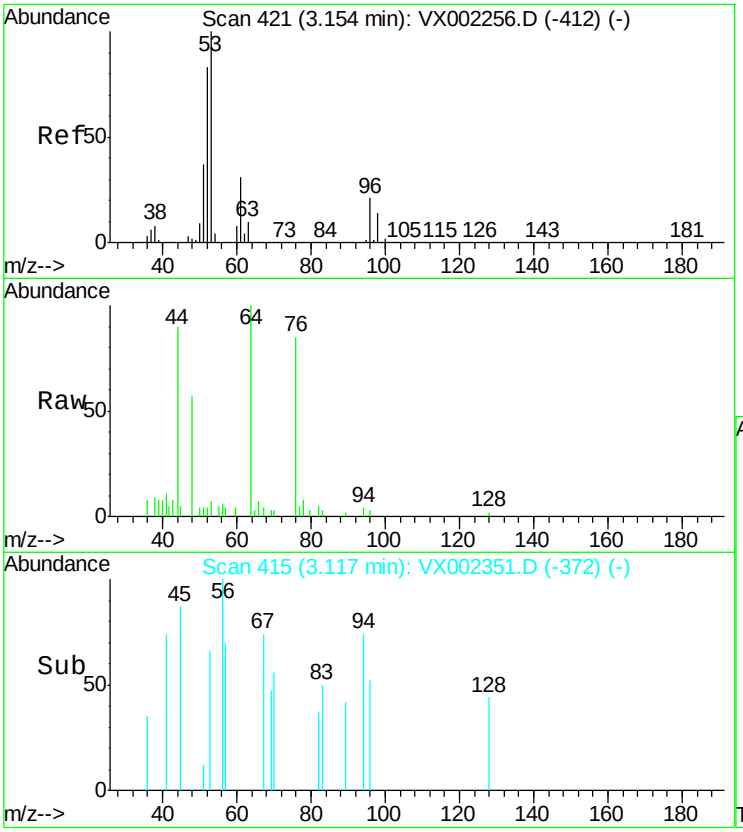


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 56 Resp: 300

Ion	Ratio	Lower	Upper
56	100		
55	79.3	57.0	85.4



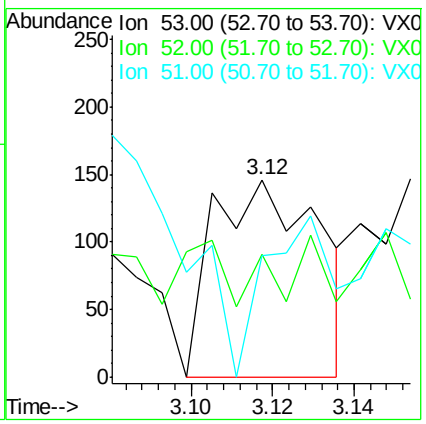


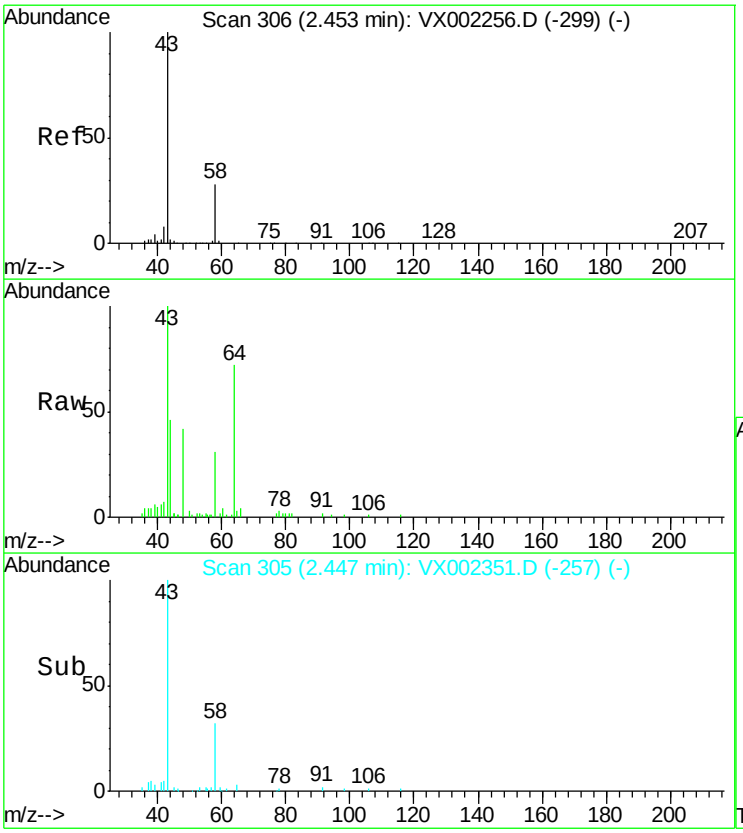
#15
Acrylonitrile
Concen: Below Cal
RT: 3.12 min Scan# 415
Delta R.T. -0.04 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 264

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	50.8	29.9	44.9#

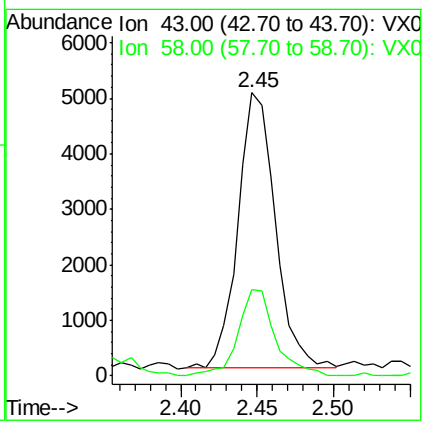


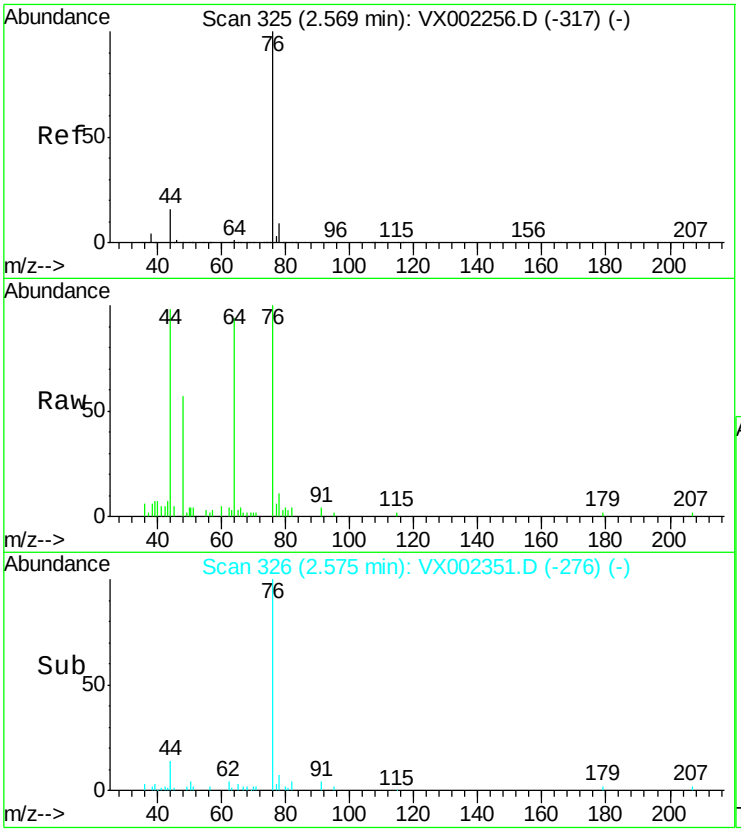


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 43 Resp: 8346

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.1	33.1



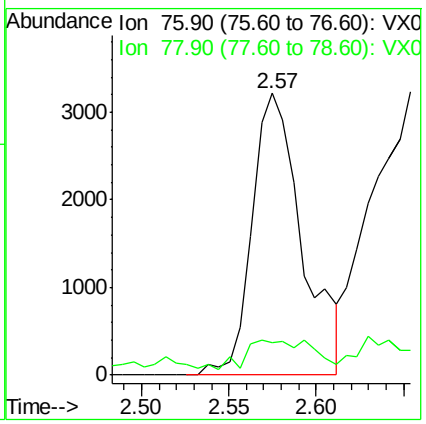


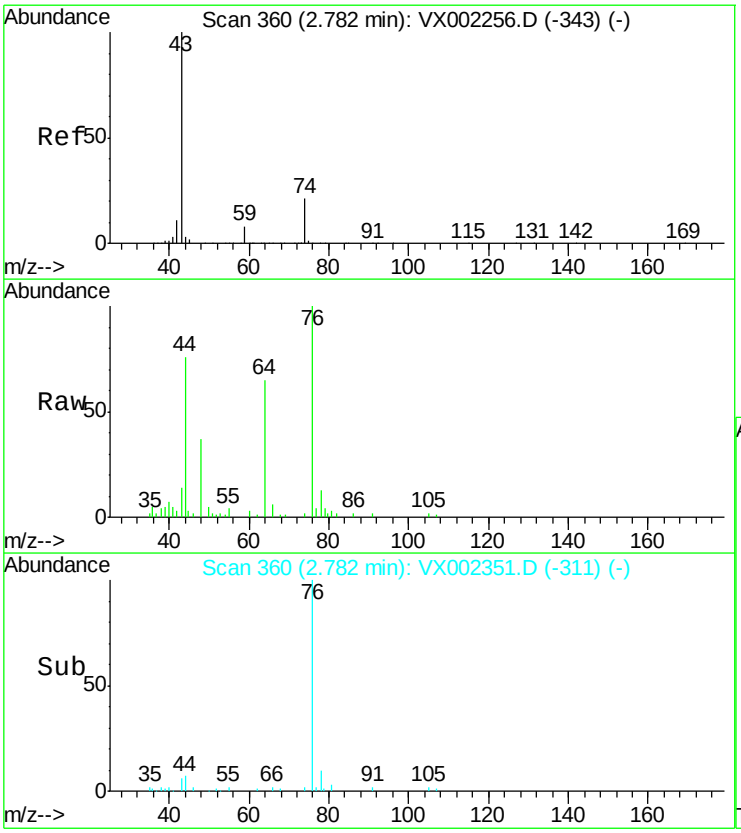
#17
Carbon Disulfide
Concen: 1.08 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6397

Ion	Ratio	Lower	Upper
76	100		
78	7.7	6.9	10.3

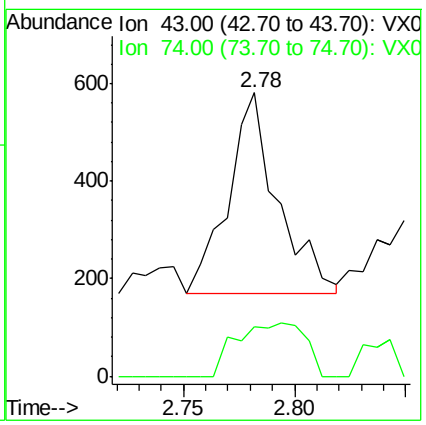


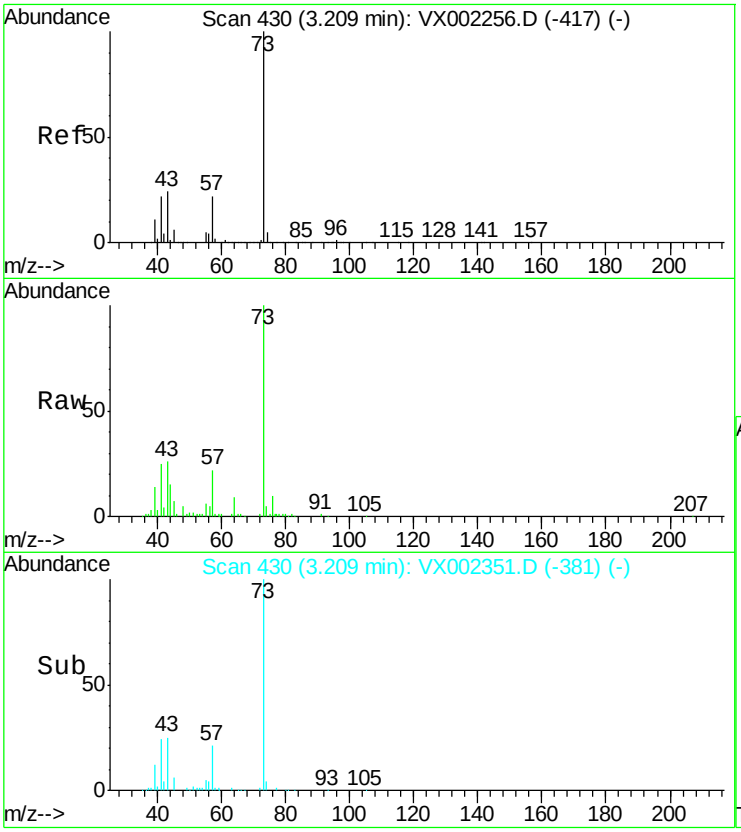


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 43 Resp: 634

Ion	Ratio	Lower	Upper
43	100		
74	36.9	16.7	25.1#



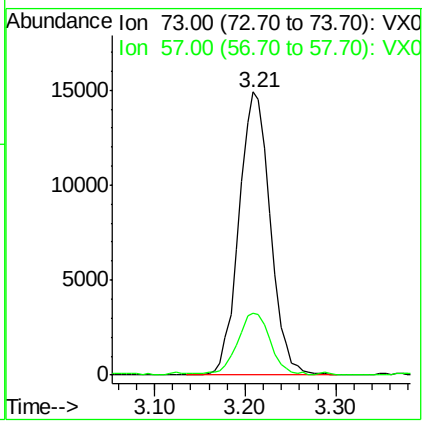


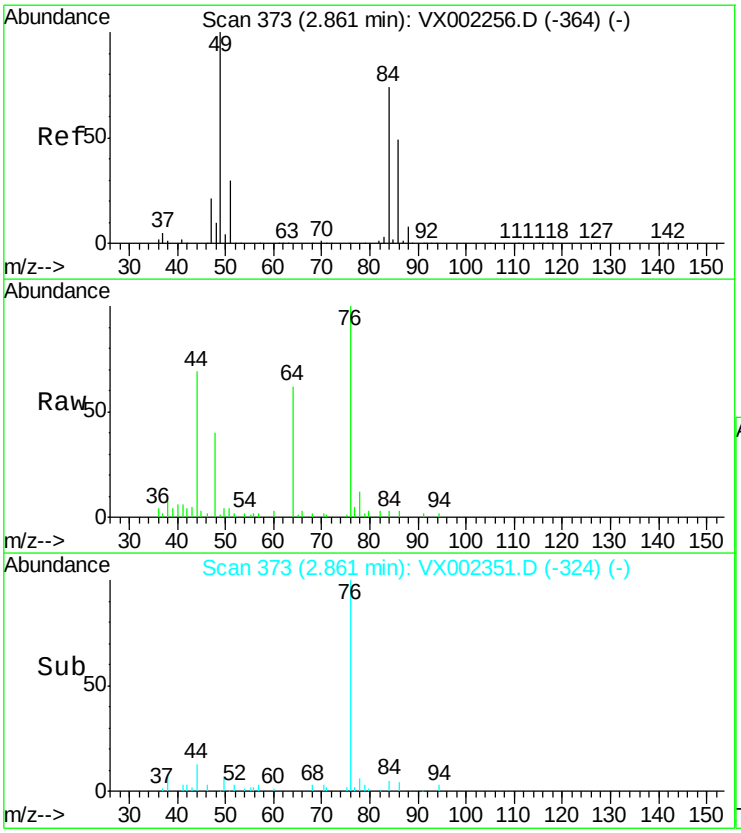
#19
Methyl tert-butyl Ether
Concen: 2.28 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 35652

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

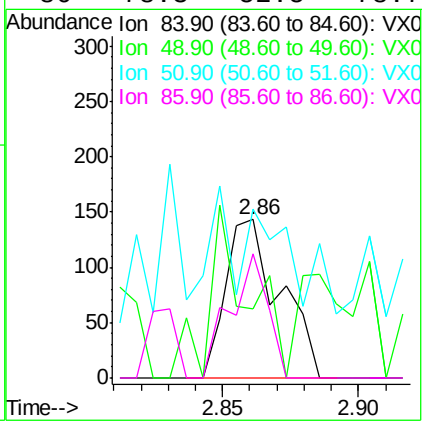


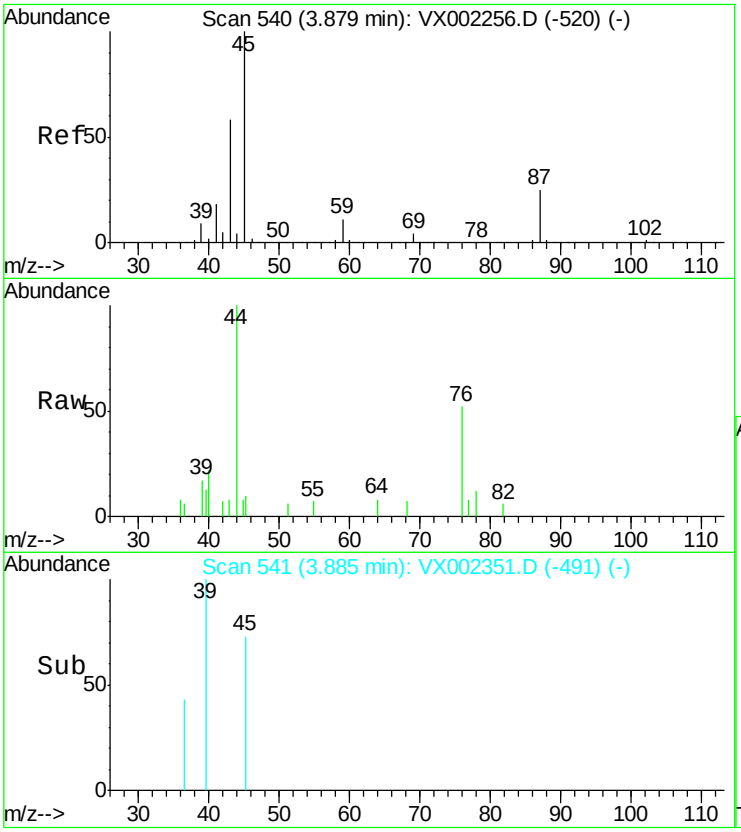


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 84 Resp: 198

Ion	Ratio	Lower	Upper
84	100		
49	5.6	107.8	161.6#
51	66.4	32.8	49.2#
86	78.3	52.5	78.7



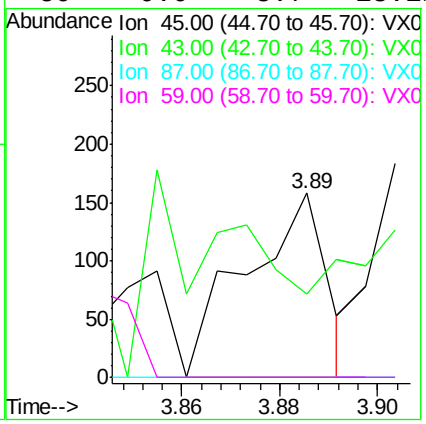


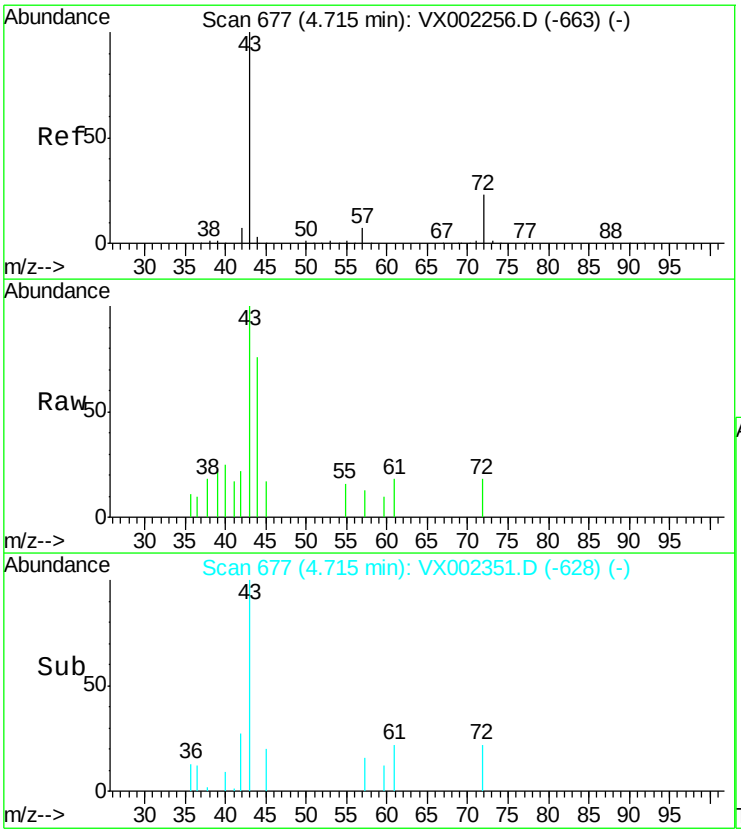
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 180

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#

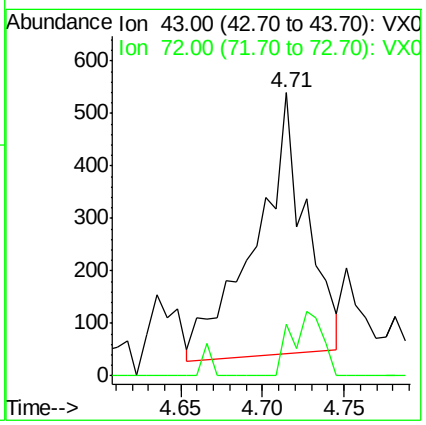


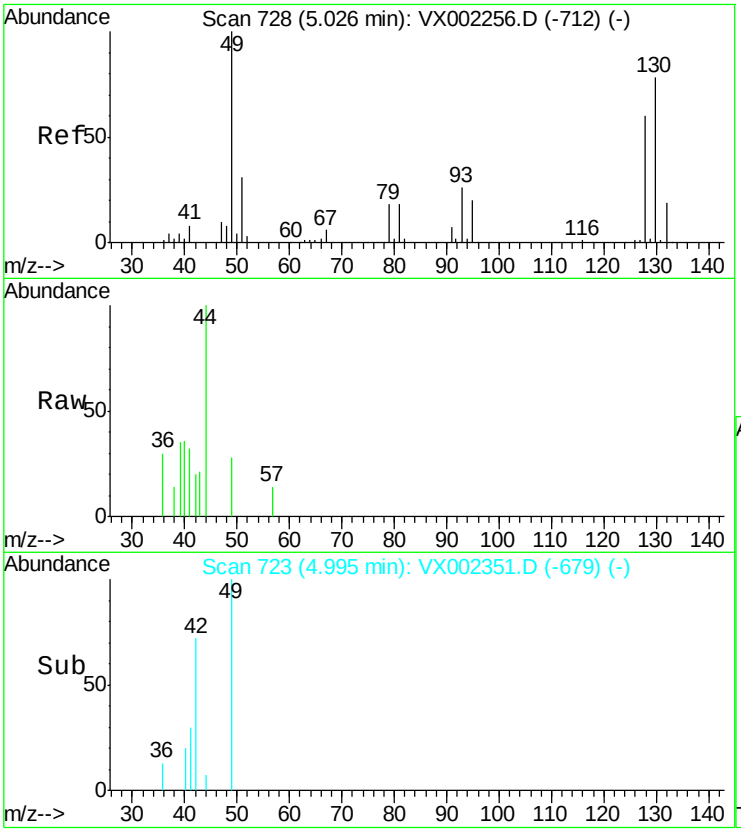


#25
2-Butanone
Concen: 0.51 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 43 Resp: 1056

Ion	Ratio	Lower	Upper
43	100		
72	20.3	18.5	27.7



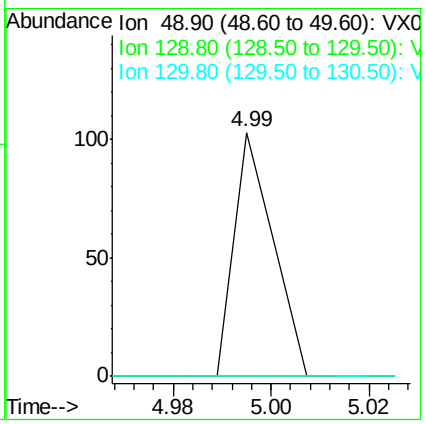


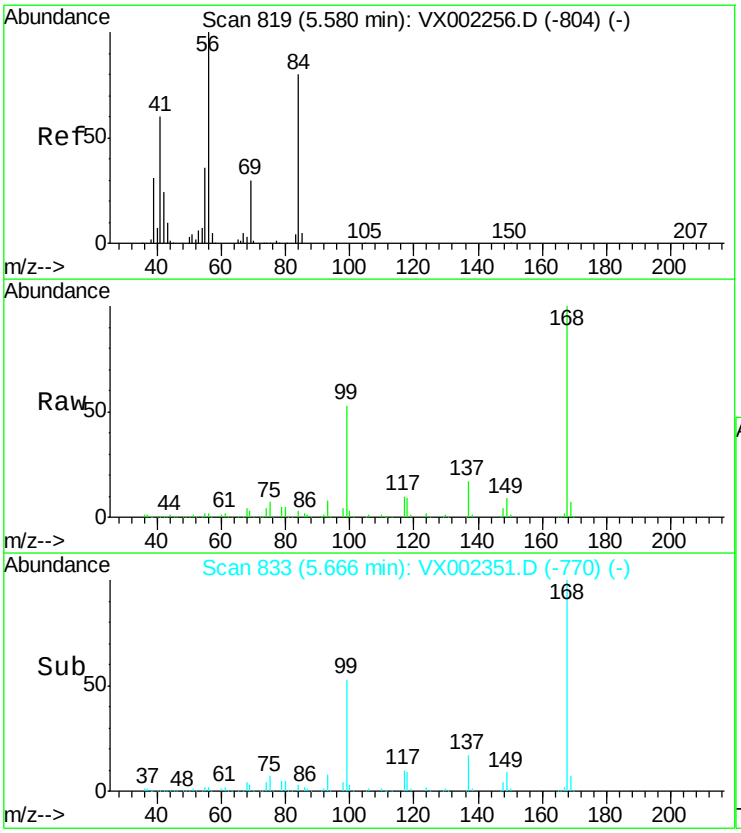
#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 723
Delta R.T. -0.03 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 57

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

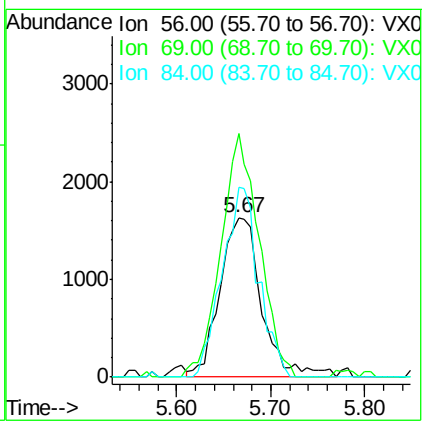


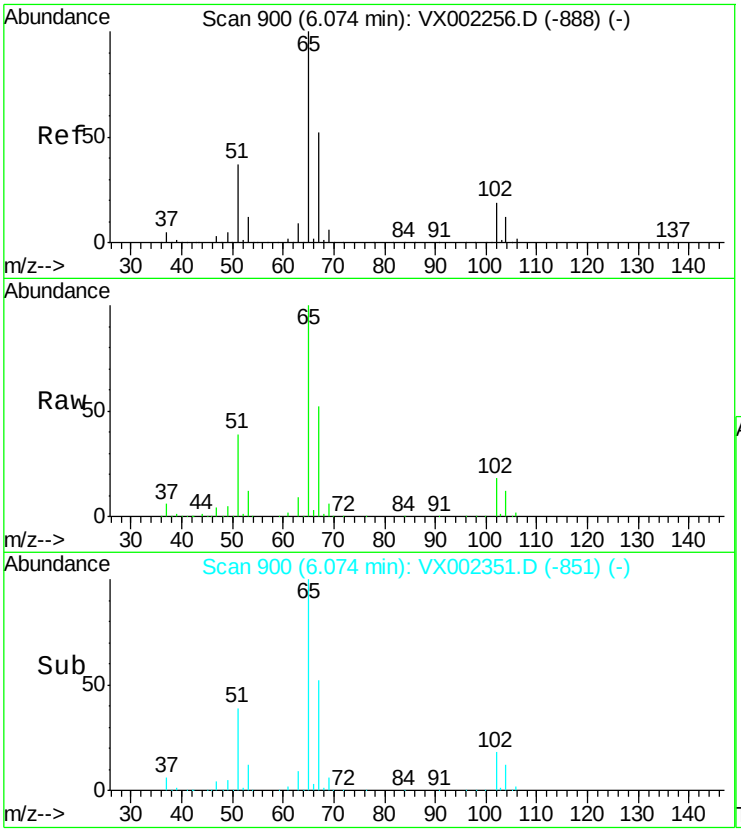


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 56 Resp: 5025

Ion	Ratio	Lower	Upper
56	100		
69	148.1	23.7	35.5#
84	119.1	64.1	96.1#



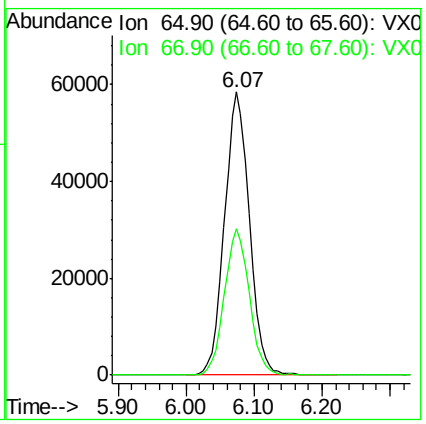


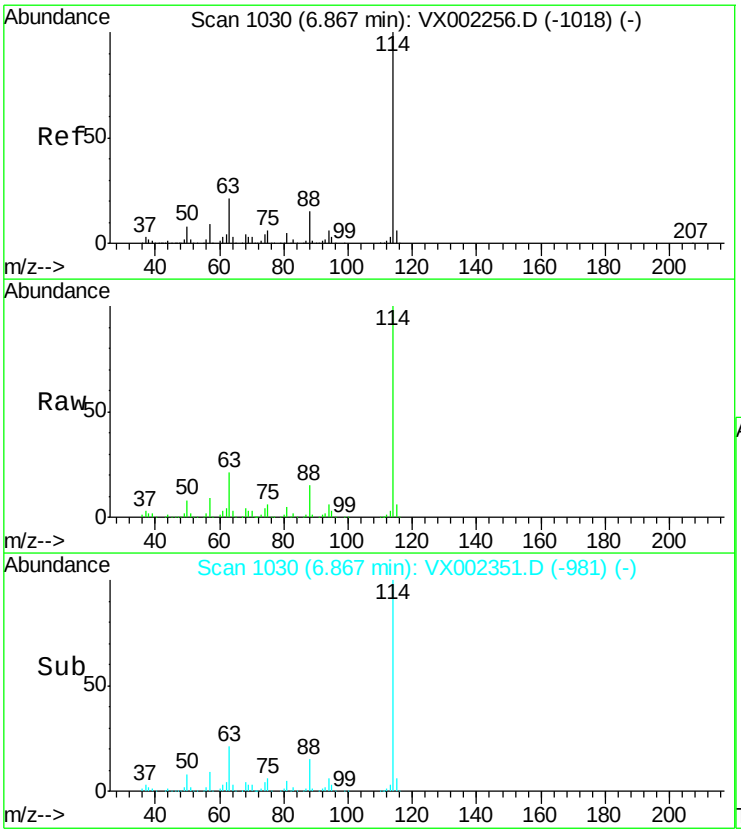
#33
1,2-Dichloroethane-d4
Concen: 49.12 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 148135

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

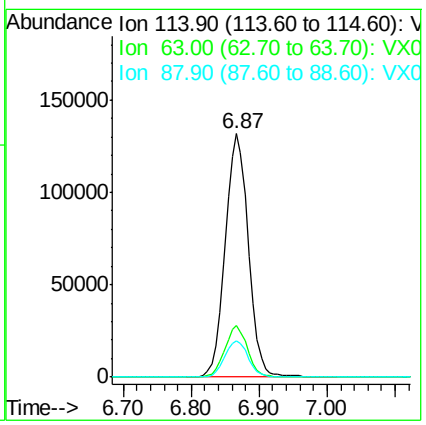


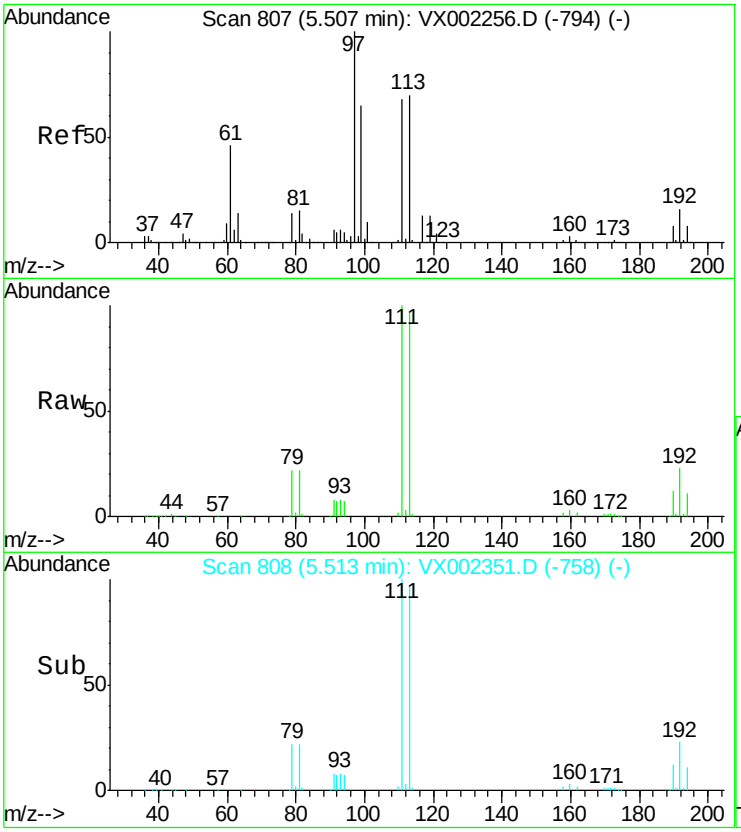


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion:114 Resp: 309581

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.2	0.0	30.0



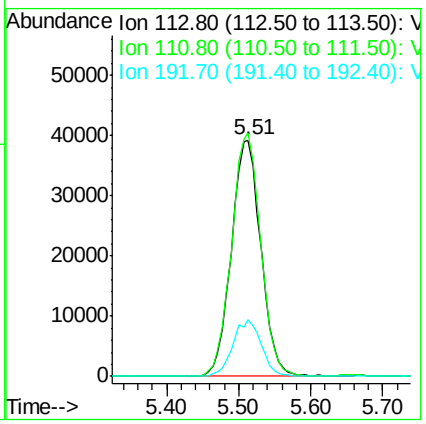


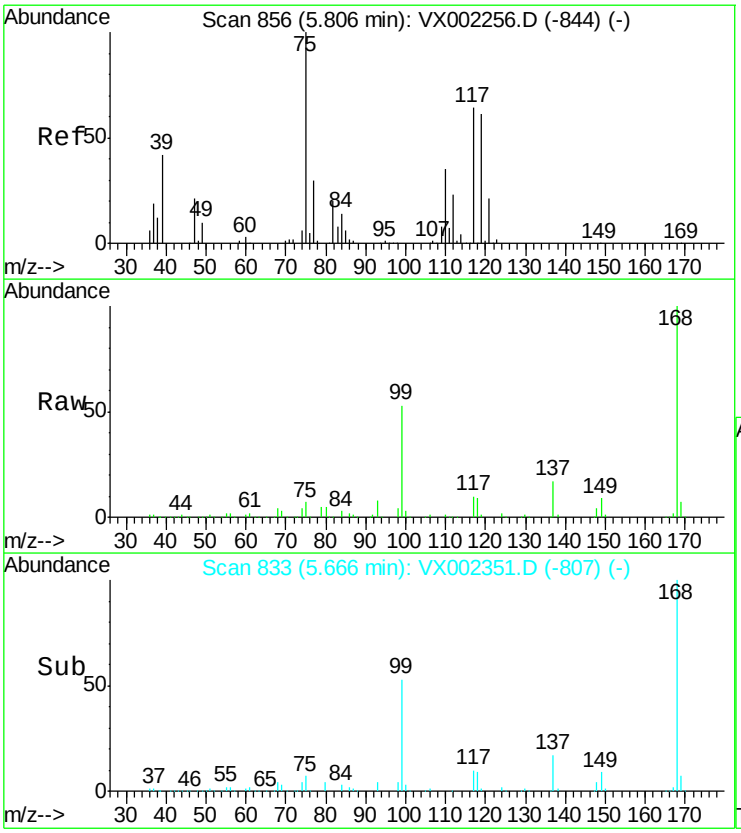
#35
Dibromofluoromethane
Concen: 45.67 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 111183

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.0	19.1	28.7

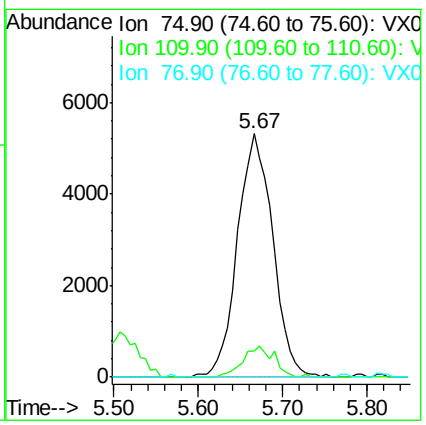


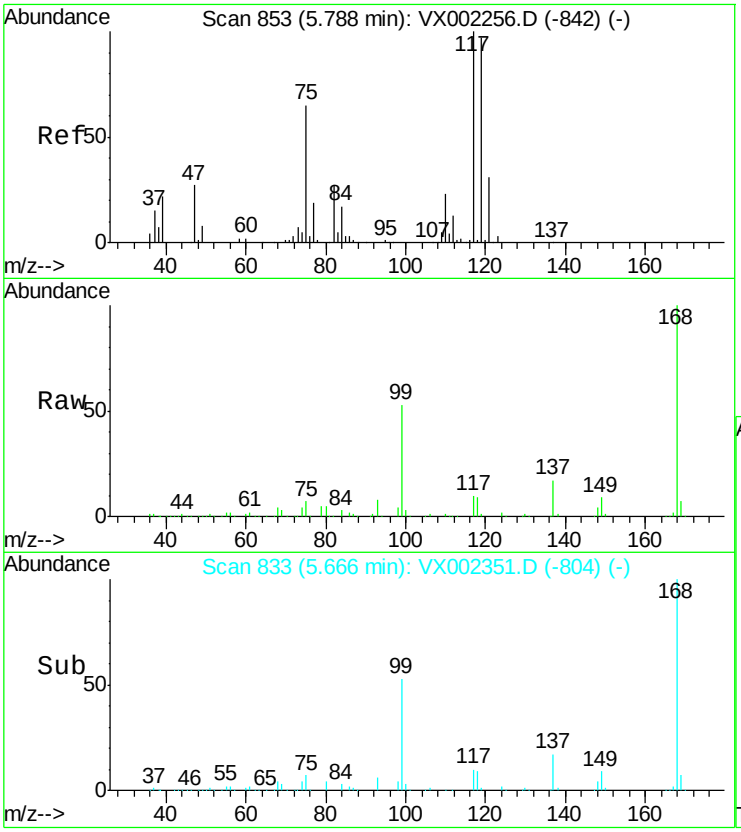


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 75 Resp: 15041

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



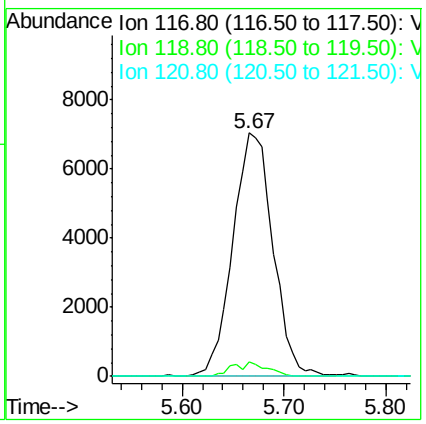


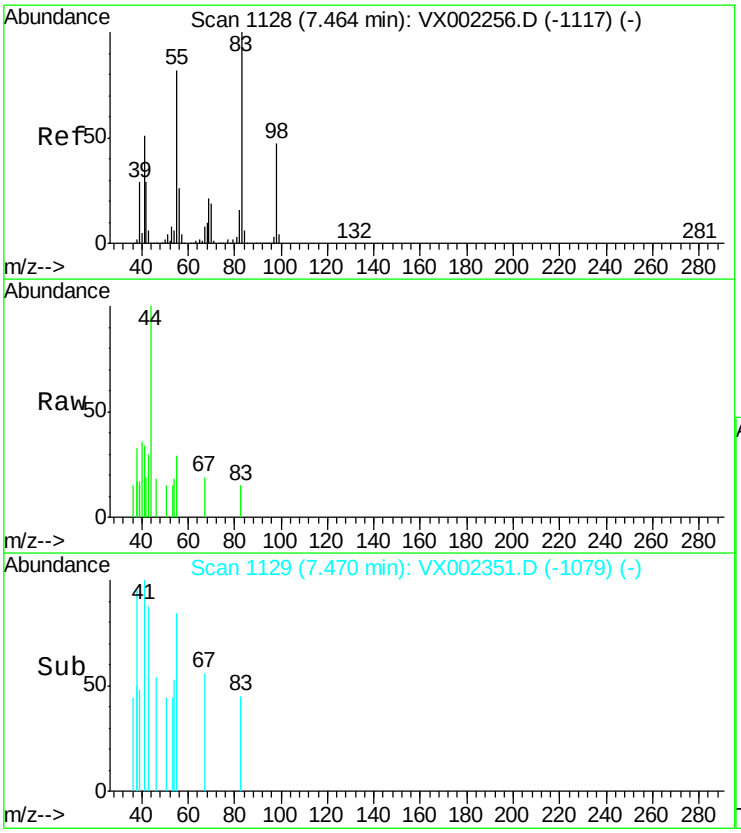
#38
Carbon Tetrachloride
Concen: 5.67 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19298

Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.4	116.0#
121	0.0	24.4	36.6#

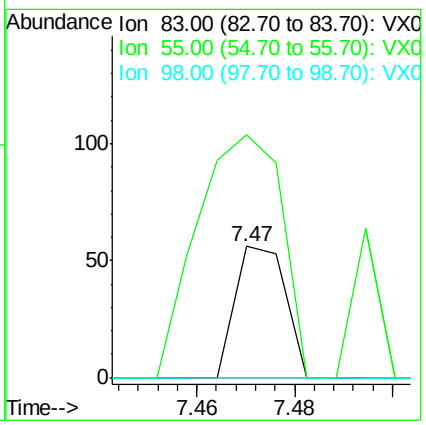


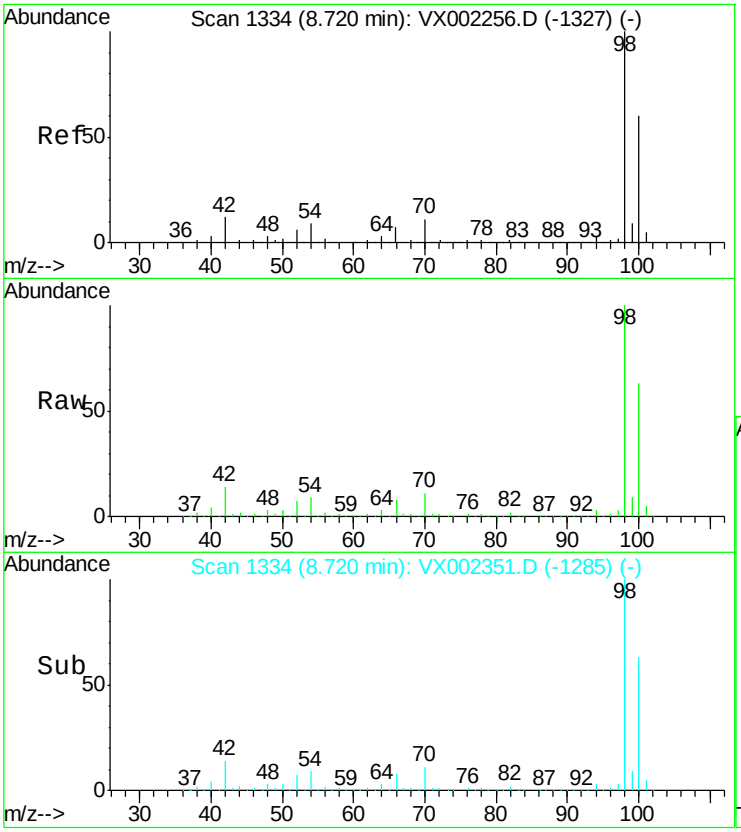


#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 83 Resp: 40

Ion	Ratio	Lower	Upper
83	100		
55	185.7	65.4	98.0#
98	0.0	37.4	56.0#



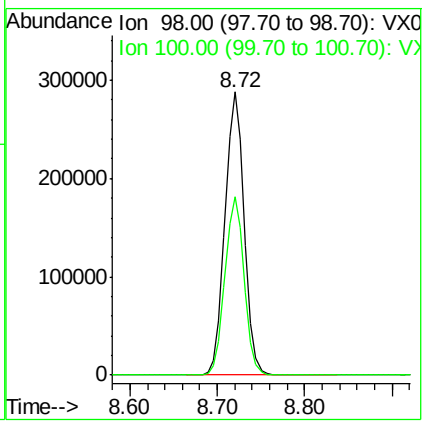


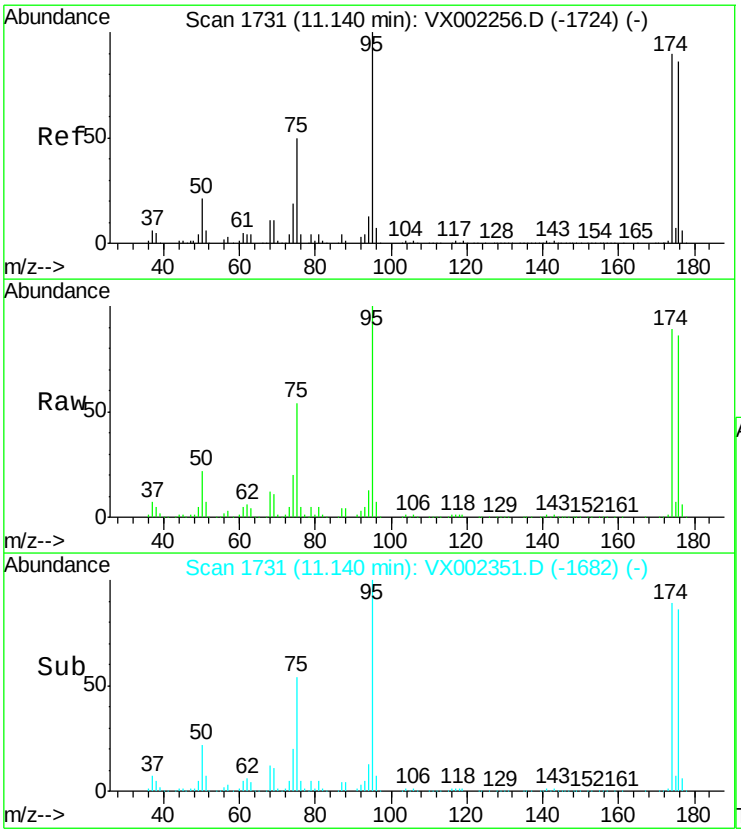
#50
Toluene-d8
Concen: 46.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 438362

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.9	76.3

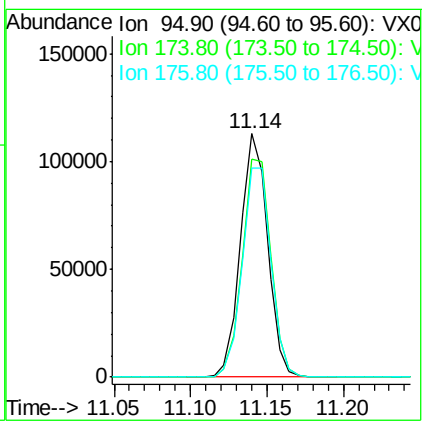


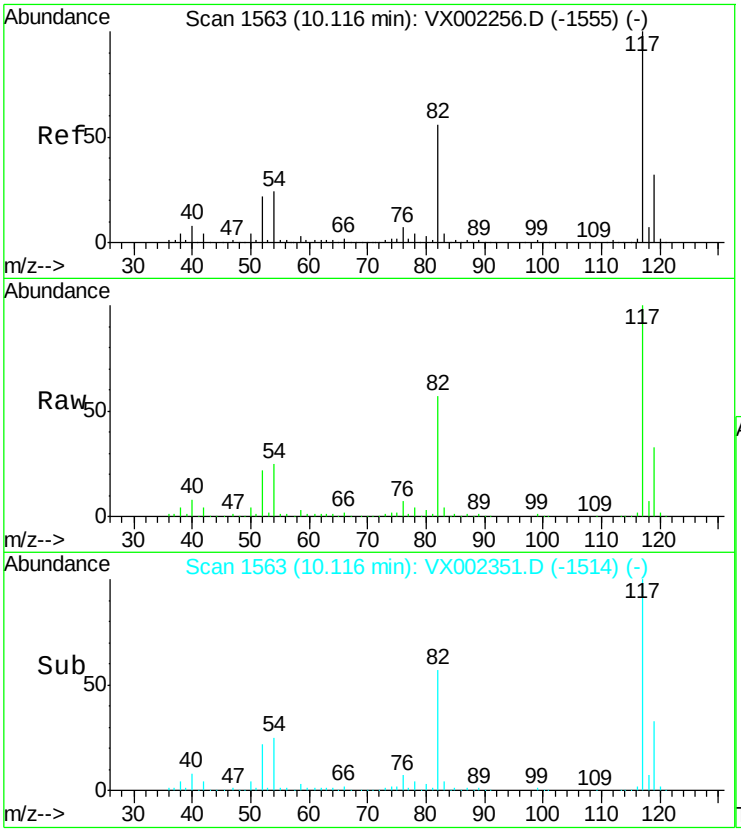


#62
4-Bromofluorobenzene
Concen: 38.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 95 Resp: 139335

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	187.4
176	91.4	0.0	181.0



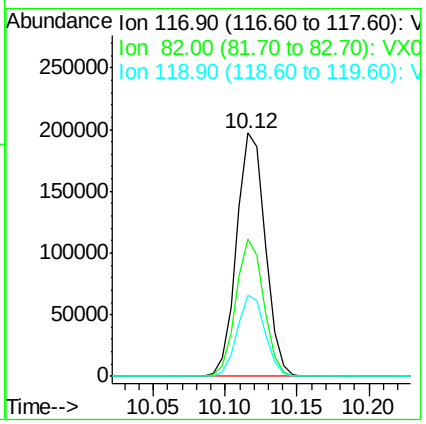


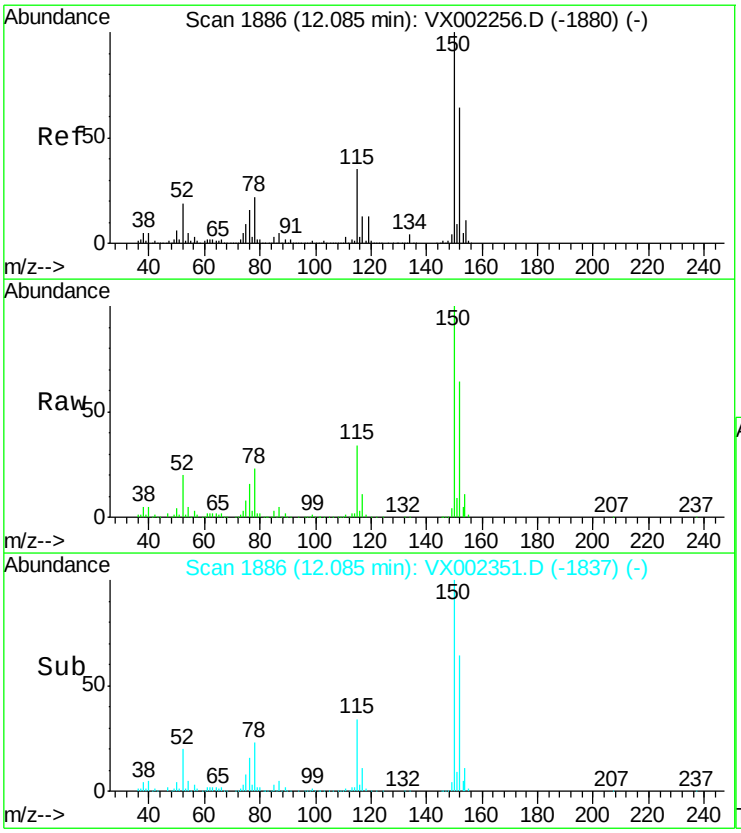
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 272721

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.0	67.4
119	33.1	25.8	38.6

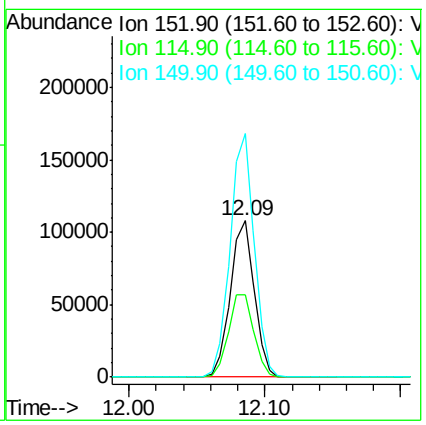


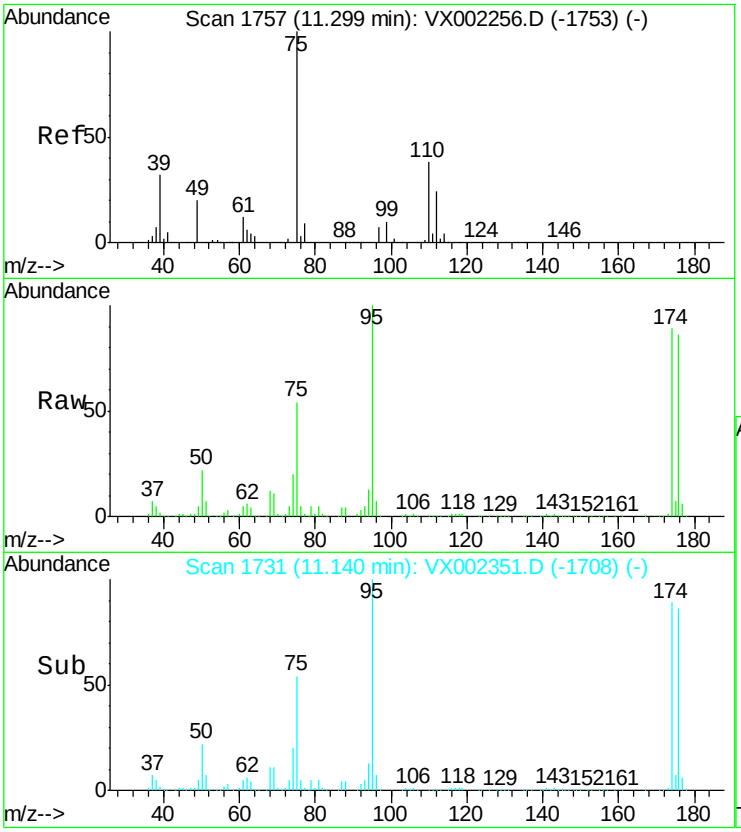


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion:152 Resp: 132573

Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.1	120.2
150	156.3	0.0	347.2



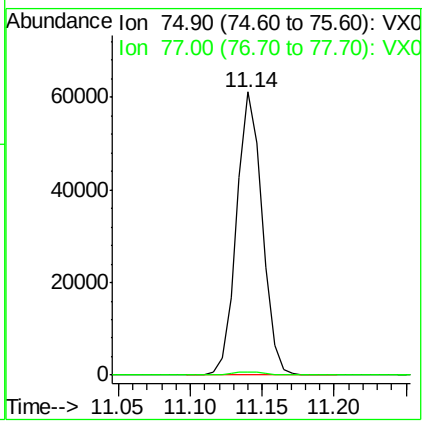


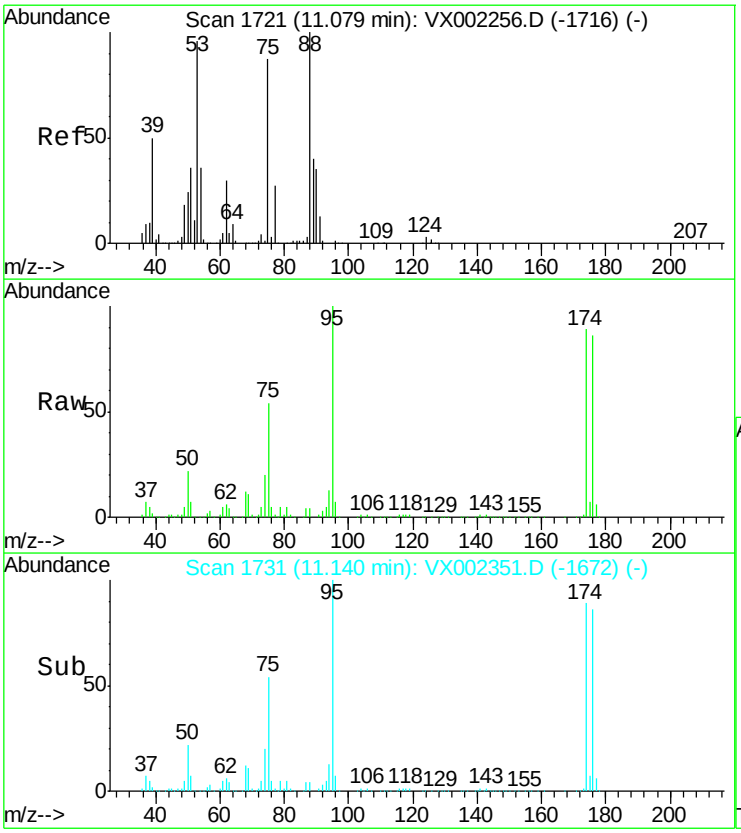
#76
1,2,3-Trichloropropane
Concen: 26.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 75896

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.8	68.3#

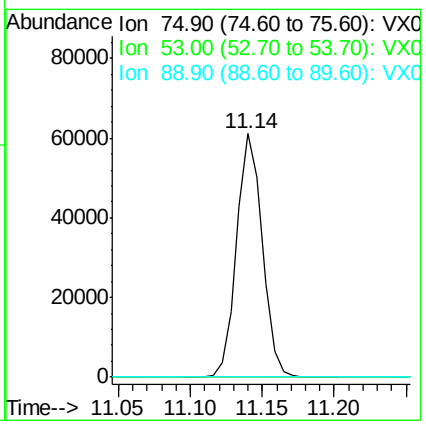


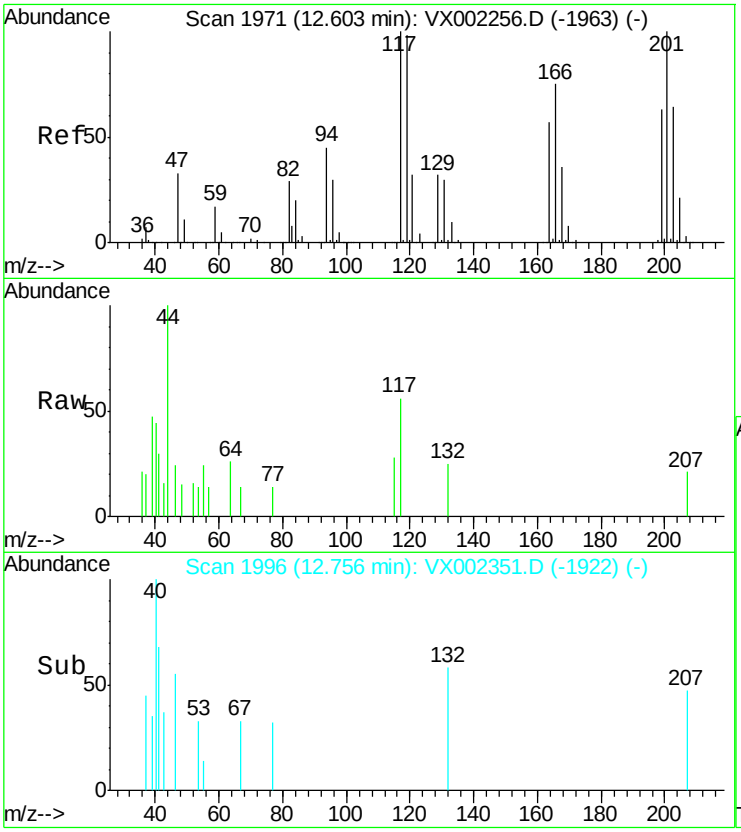


#81
trans-1,4-Dichloro-2-butene
Concen: 91.45 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Tgt Ion: 75 Resp: 75896

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





#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.76 min Scan# 1996
Delta R.T. 0.15 min
Lab File: VX002351.D
Acq: 06 Jun 2018 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 301

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#