Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002519.D
Acq On : 13 Jun 2018 20:02
Operator : JC/MD
Sample : J3404-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:48:58 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	201262	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	296511	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	281808	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161697	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	145295	50.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.04%				
35) Dibromofluoromethane	5.51	113	109465	46.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.88%				
50) Toluene-d8	8.72	98	430979	48.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.44%				
62) 4-Bromofluorobenzene	11.14	95	152546	44.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.52%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	434	Below Cal		#	59
4) Vinyl Chloride	1.40	62	689	0.26	ug/l	#	77
5) Bromomethane	1.65	94	910	Below Cal			87
6) Chloroethane	1.73	64	346	0.20	ug/l		91
8) Diethyl Ether	2.18	74	265	Below Cal		#	36
10) Methyl Iodide	2.52	142	1022	0.34	ug/l	#	85
11) Tert butyl alcohol	3.03	59	1903	Below Cal		#	76
13) Acrolein	2.30	56	290	Below Cal		#	42
15) Acrylonitrile	3.15	53	482	Below Cal		#	67
16) Acetone	2.45	43	11462	Below Cal			96
18) Methyl Acetate	2.79	43	808	Below Cal		#	76
19) Methyl tert-butyl Ether	3.21	73	129	Below Cal		#	1
20) Methylene Chloride	2.86	84	862	Below Cal			94
22) Diisopropyl ether	3.88	45	193	Below Cal		#	66
25) 2-Butanone	4.71	43	25471	12.91	ug/l		98
26) 2,2-Dichloropropane	4.77	77	938	0.26	ug/l	#	53
27) cis-1,2-Dichloroethene	4.60	96	2224	0.87	ug/l		48
28) Bromochloromethane	5.04	49	129	Below Cal		#	13
29) Tetrahydrofuran	5.15	42	412	0.32	ug/l	#	36
31) Cyclohexane	5.67	56	4947	1.36	ug/l	#	13
36) 1,1-Dichloropropene	5.67	75	14848	4.76	ug/l	#	52
37) Ethyl Acetate	4.71	43	25471	6.79	ug/l	#	71
38) Carbon Tetrachloride	5.67	117	19268	5.91	ug/l	#	15
39) Methylcyclohexane	7.46	83	79	0.28	ug/l	#	43
44) Trichloroethene	7.22	130	1173	0.44	ug/l		92
51) 4-Methyl-2-Pentanone	8.66	43	2691	0.68	ug/l		97
59) 2-Hexanone	9.51	43	937	0.31	ug/l		85
76) 1,2,3-Trichloropropane	11.14	75	83754	23.61	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83754	82.75	ug/l	#	7

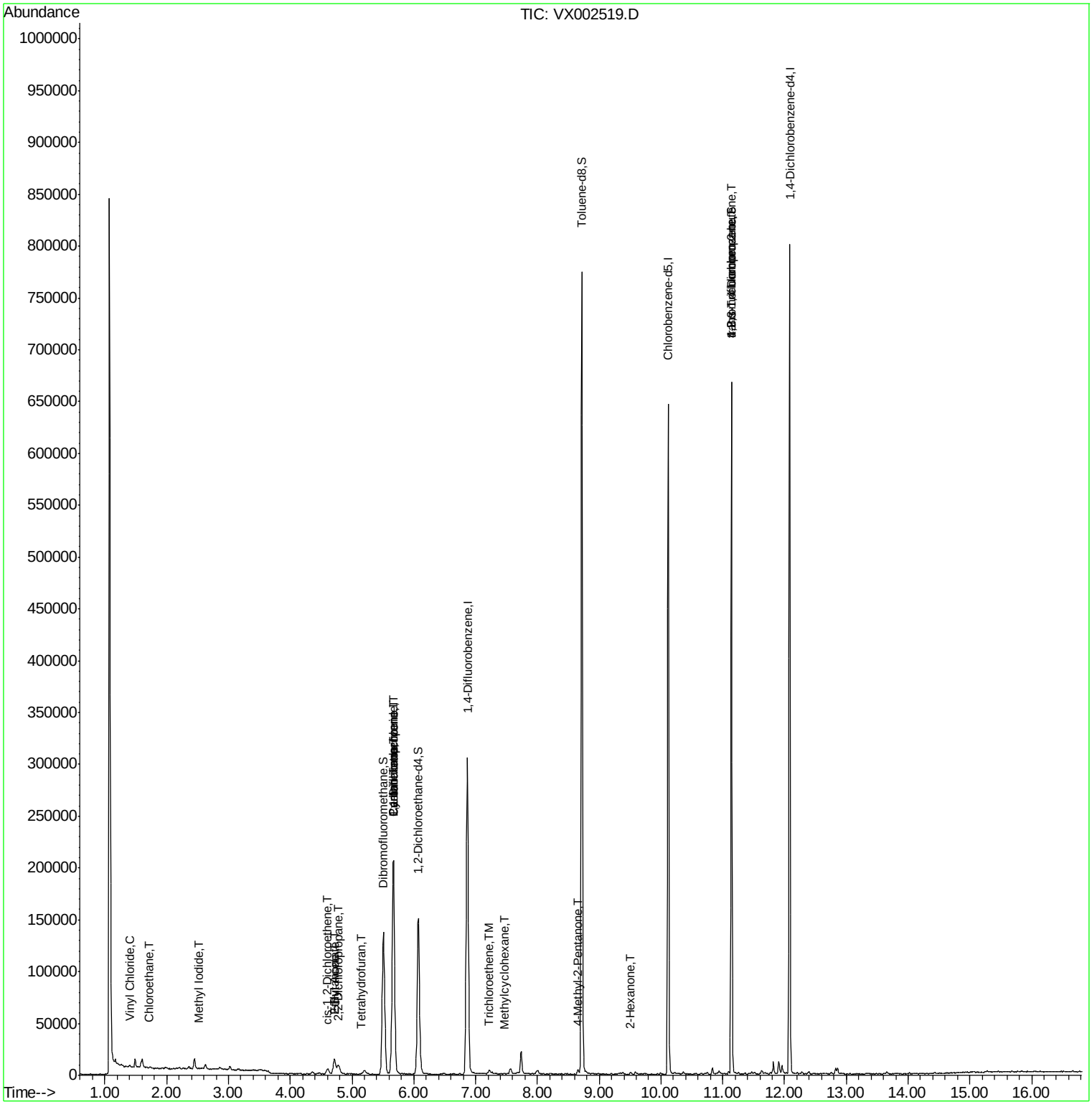
(#) = qualifier out of range (m) = manual integration (+) = signals summed

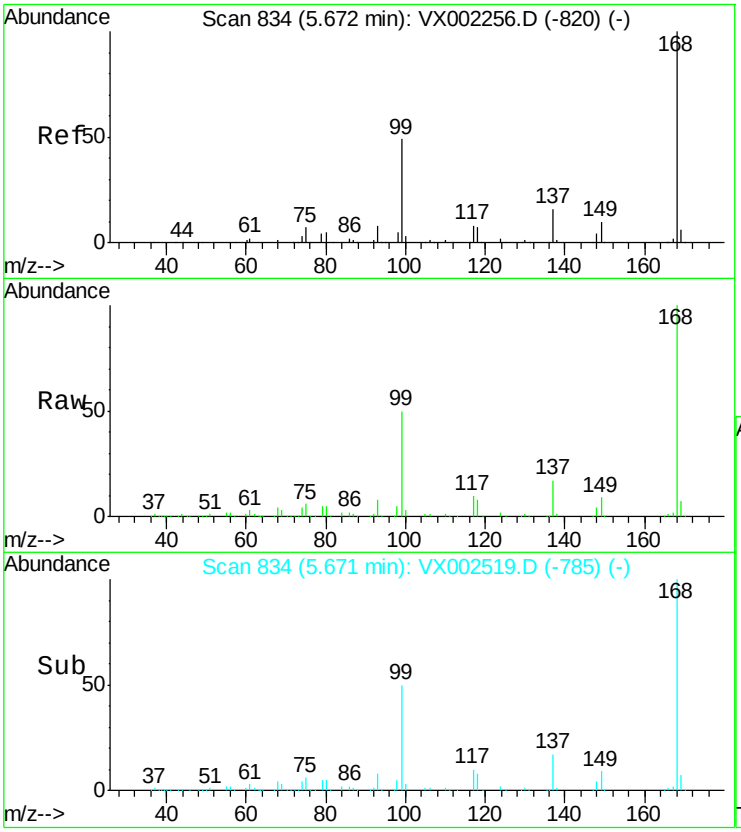
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002519.D
Acq On : 13 Jun 2018 20:02
Operator : JC/MD
Sample : J3404-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:48:58 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



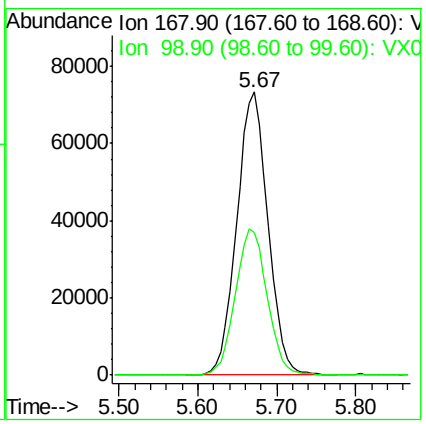


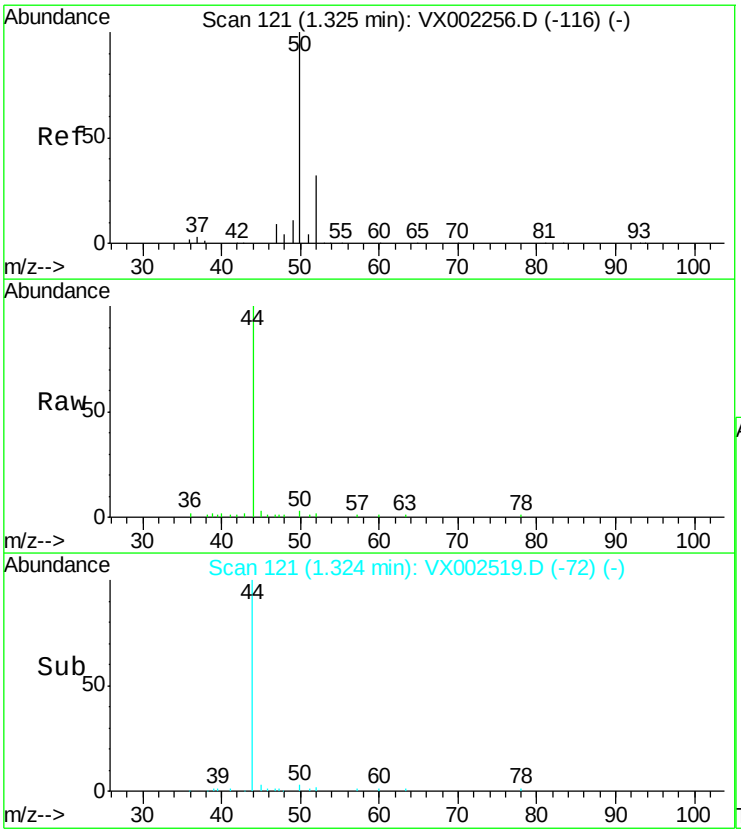
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 201262

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.3	58.9

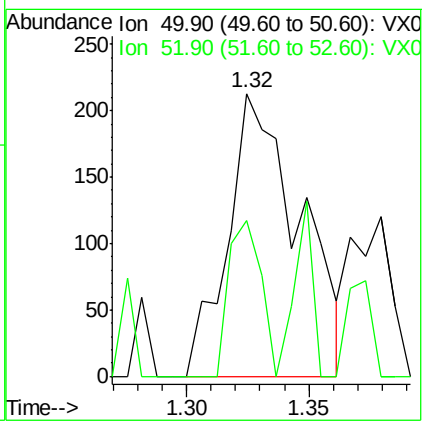


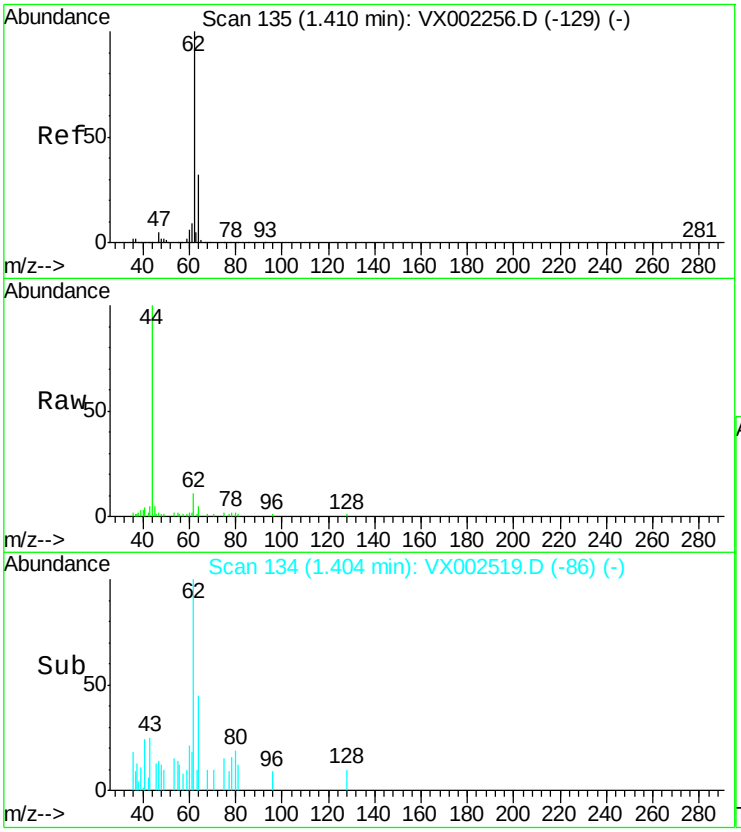


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 50 Resp: 434

Ion	Ratio	Lower	Upper
50	100		
52	54.9	25.7	38.5#



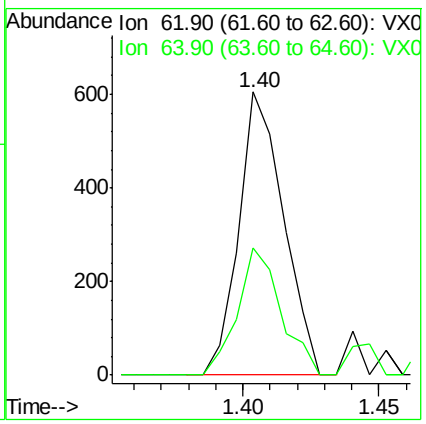


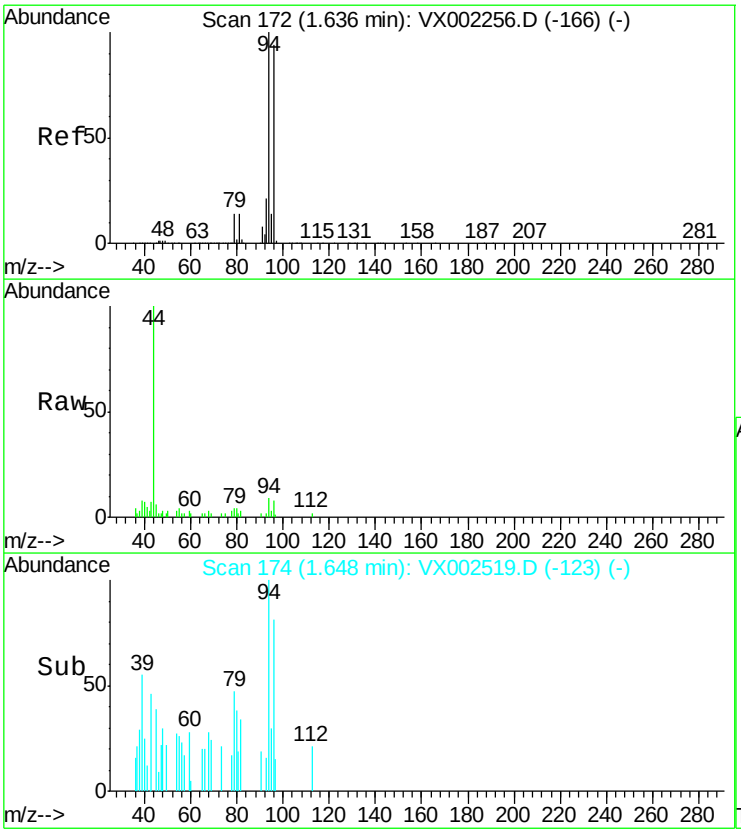
#4
Vinyl Chloride
Concen: 0.26 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 689

Ion	Ratio	Lower	Upper
62	100		
64	44.8	25.4	38.2#

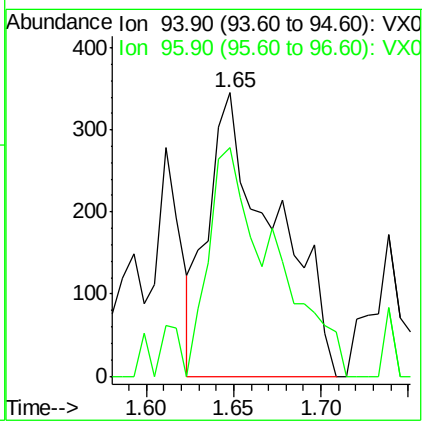


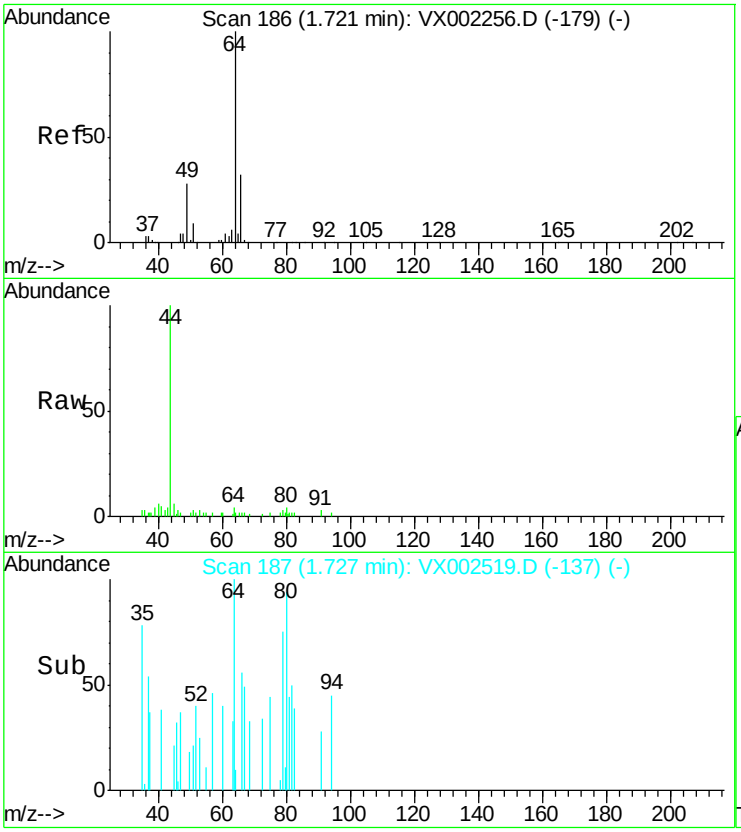


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 94 Resp: 910

Ion	Ratio	Lower	Upper
94	100		
96	80.9	74.9	112.3



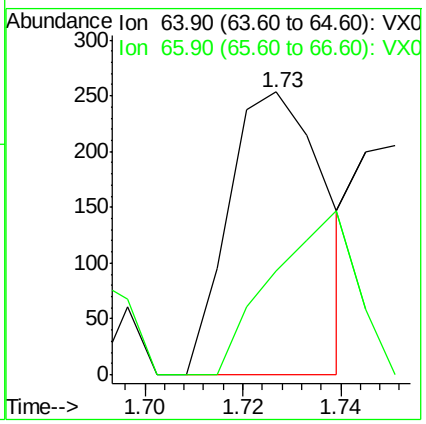


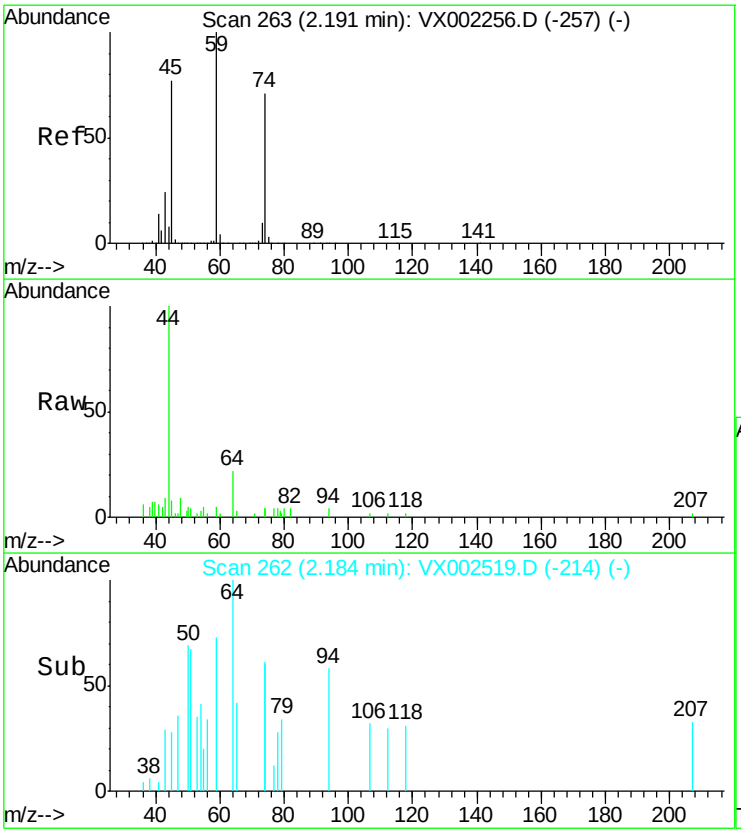
#6
Chloroethane
Concen: 0.20 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 346

Ion	Ratio	Lower	Upper
64	100		
66	36.8	25.5	38.3

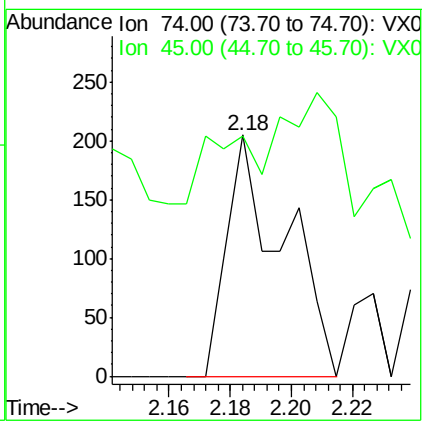


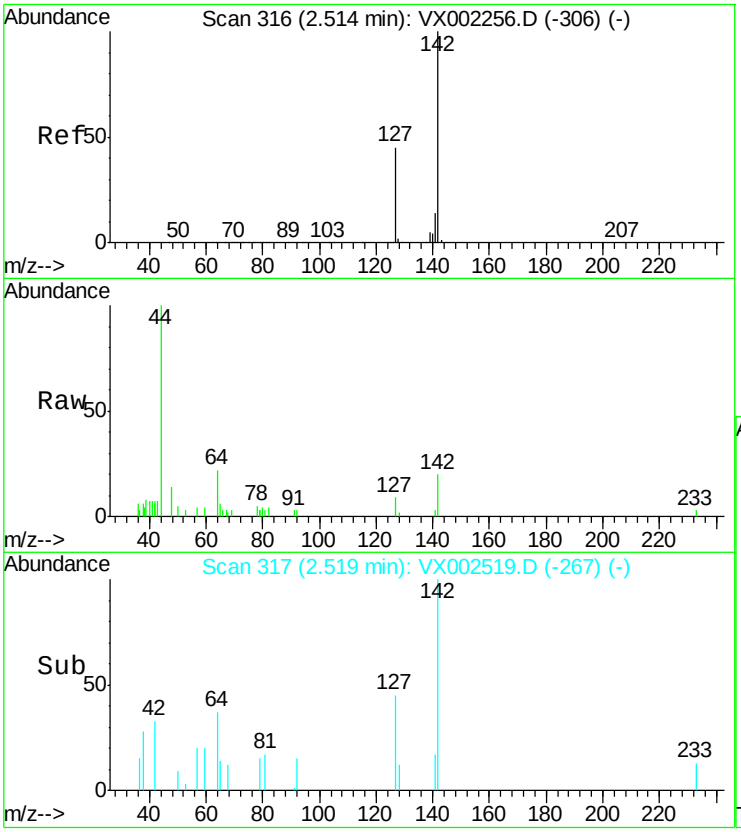


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 74 Resp: 265

Ion	Ratio	Lower	Upper
74	100		
45	40.0	53.1	159.4#



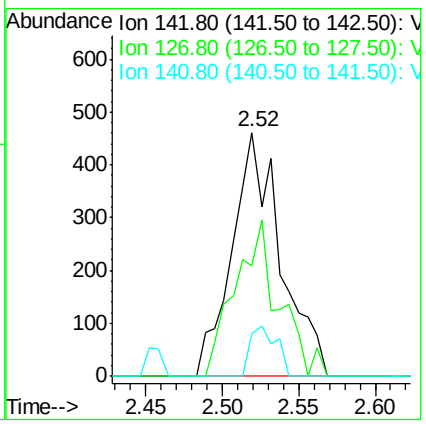


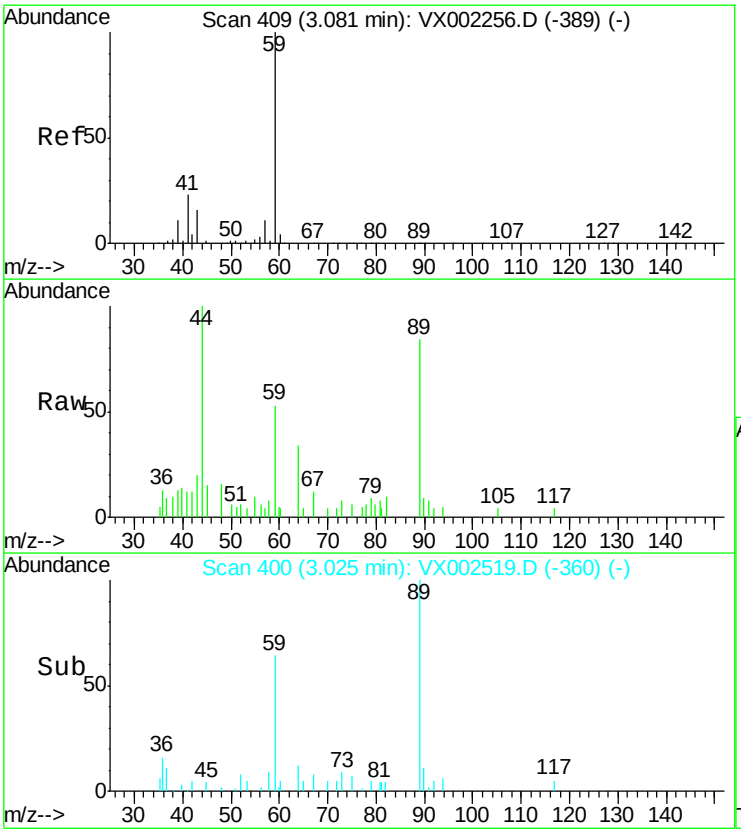
#10
Methyl Iodide
Concen: 0.34 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1022

Ion	Ratio	Lower	Upper
142	100		
127	57.2	36.6	55.0#
141	11.0	11.3	16.9#

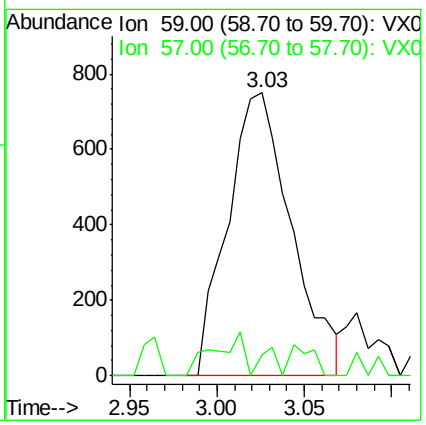


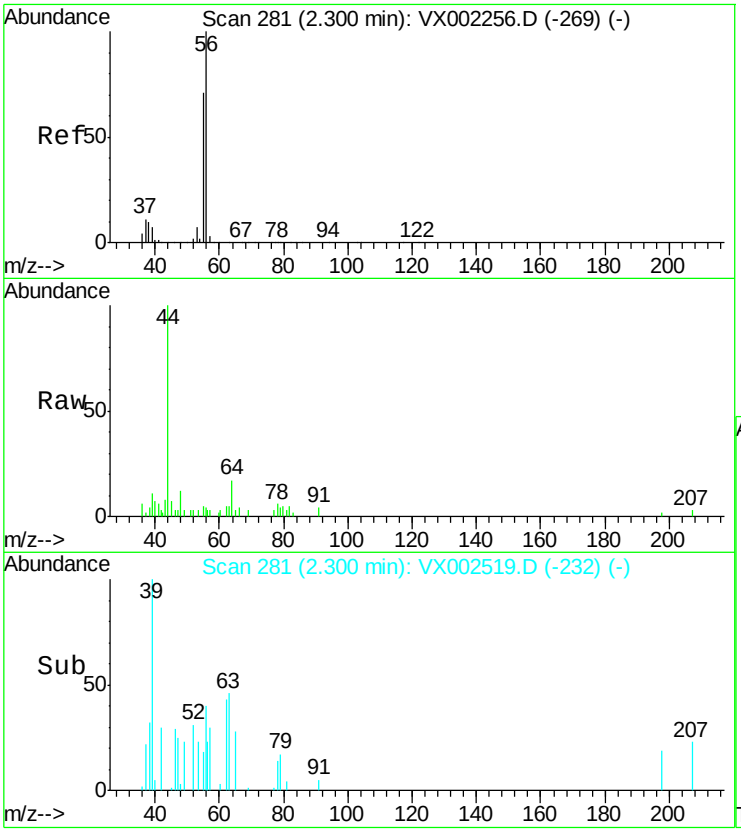


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 59 Resp: 1903

Ion	Ratio	Lower	Upper
59	100		
57	1.4	8.2	12.2#



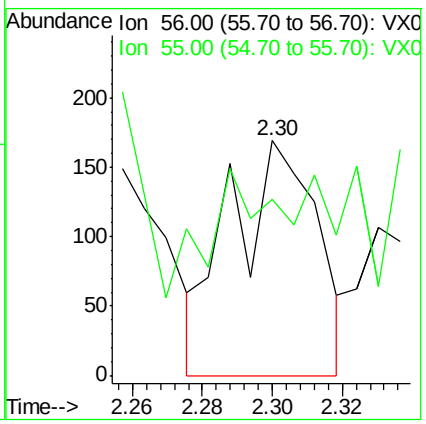


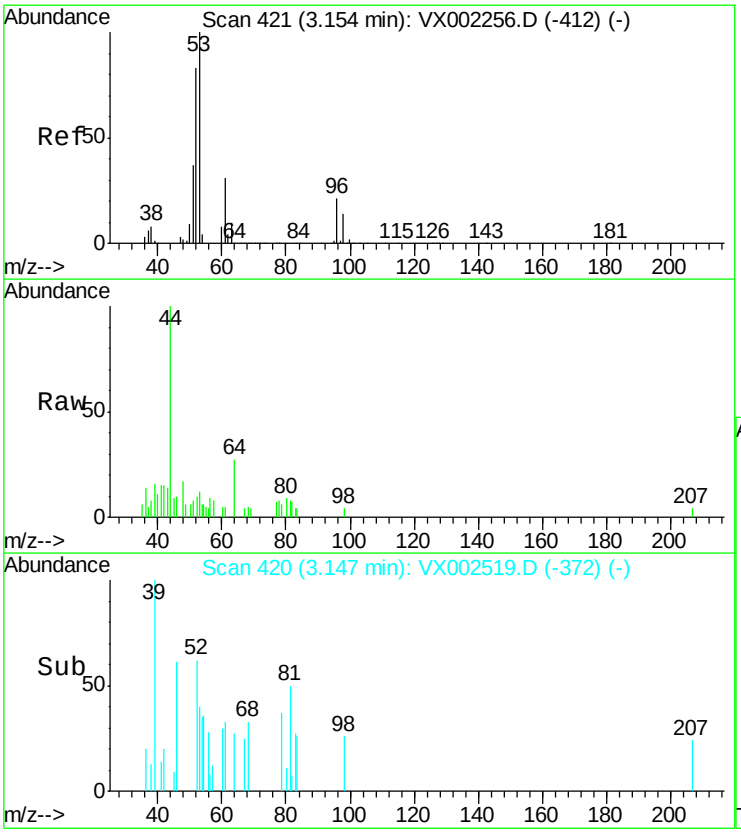
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 290

Ion	Ratio	Lower	Upper
56	100		
55	23.4	57.0	85.4#

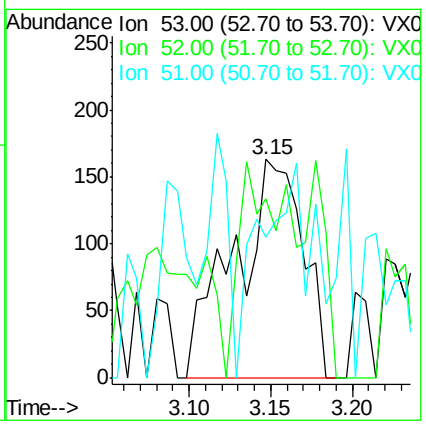


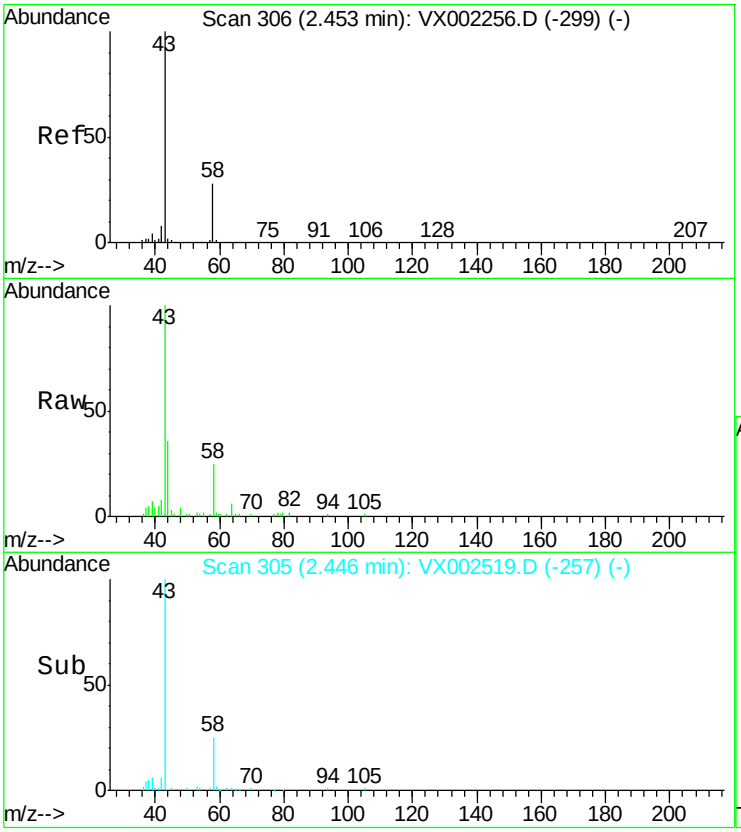


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 53 Resp: 482

Ion	Ratio	Lower	Upper
53	100		
52	64.9	66.7	100.1#
51	0.0	29.9	44.9#



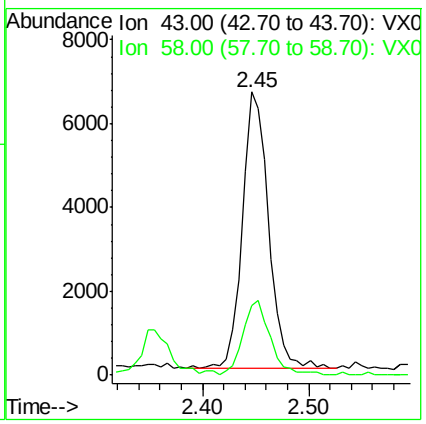


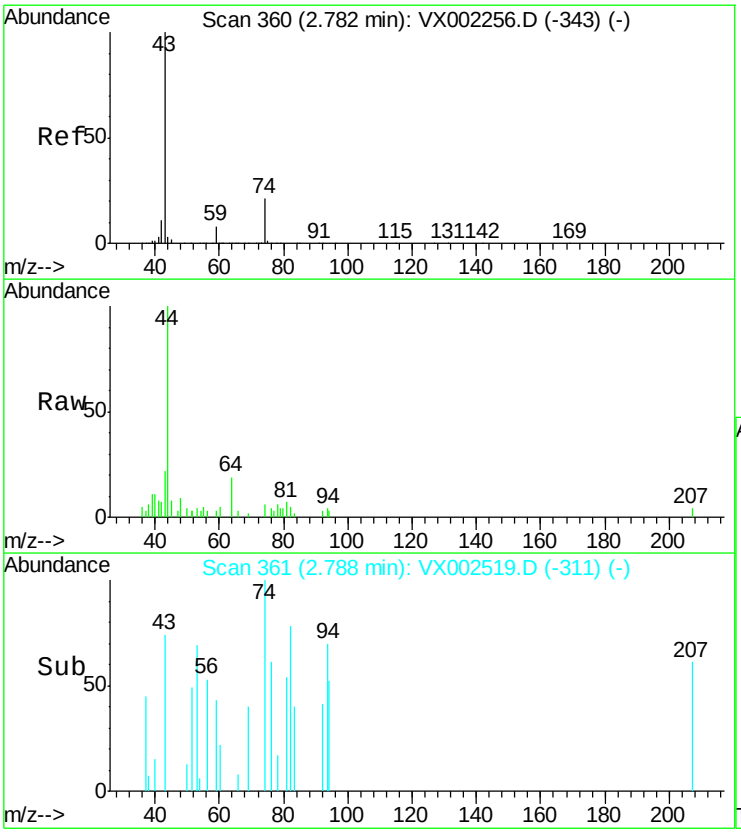
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11462

Ion	Ratio	Lower	Upper
43	100		
58	25.4	22.1	33.1

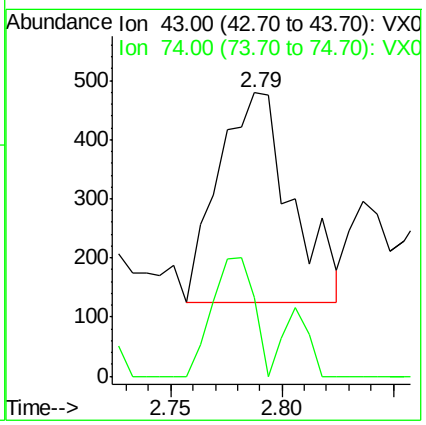


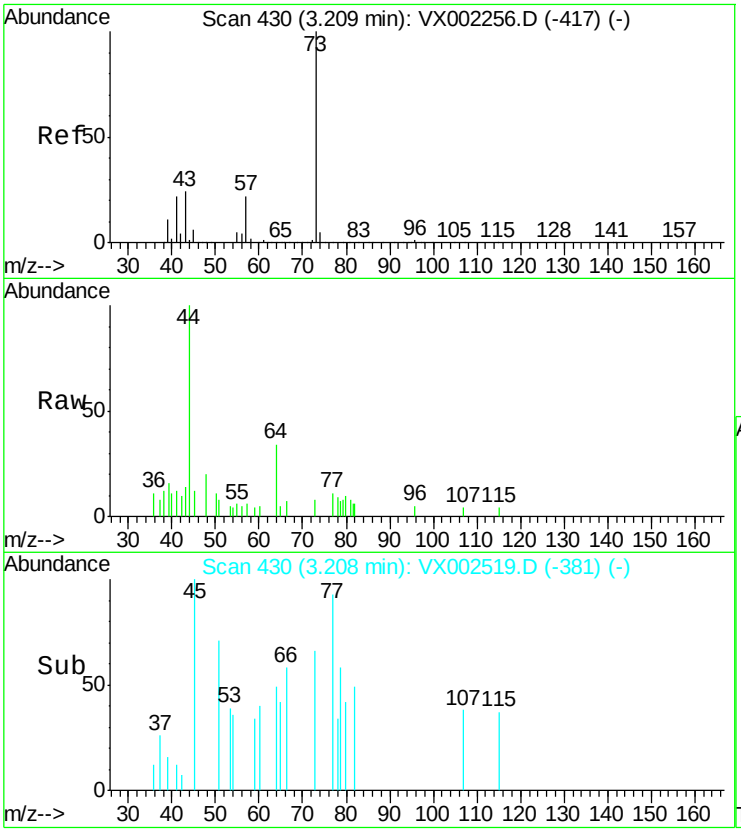


#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 808

Ion	Ratio	Lower	Upper
43	100		
74	32.3	16.7	25.1#



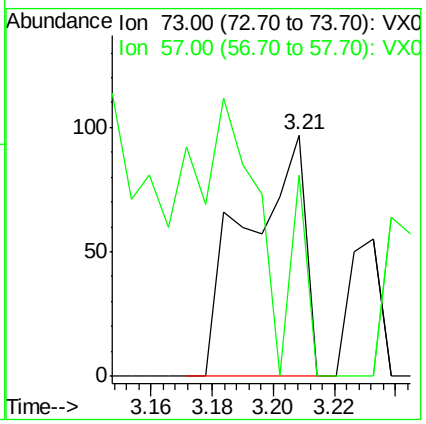


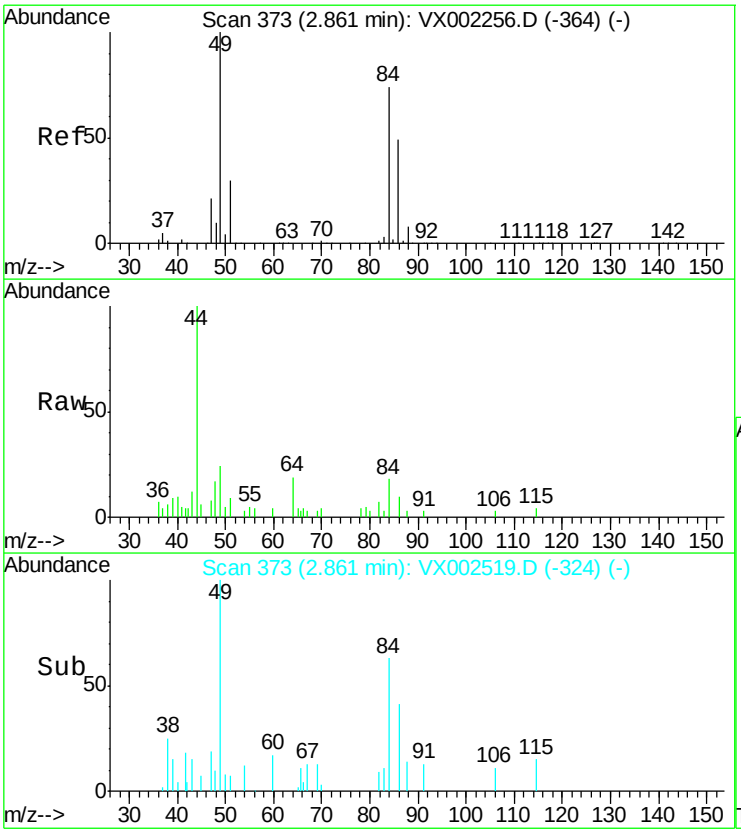
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 129

Ion	Ratio	Lower	Upper
73	100		
57	83.5	17.7	26.5#

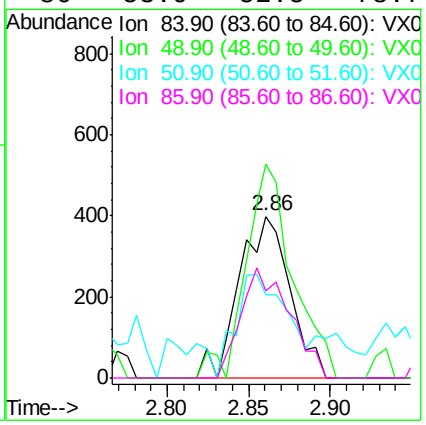


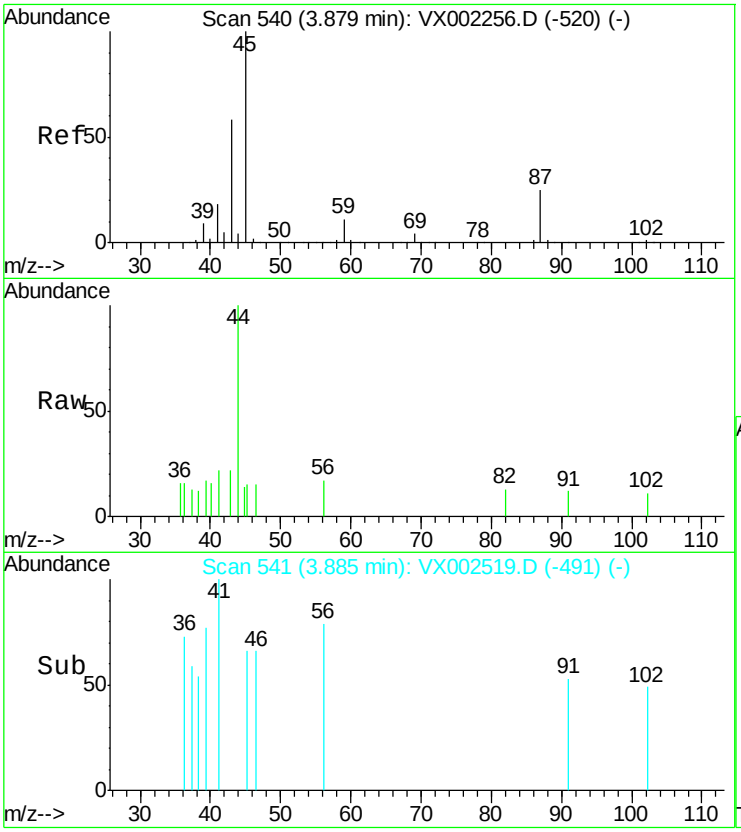


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 84 Resp: 862

Ion	Ratio	Lower	Upper
84	100		
49	132.1	107.8	161.6
51	36.8	32.8	49.2
86	53.9	52.5	78.7



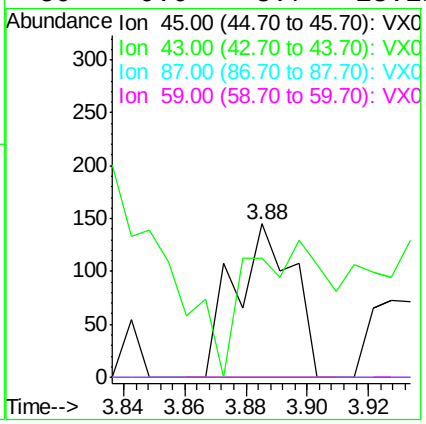


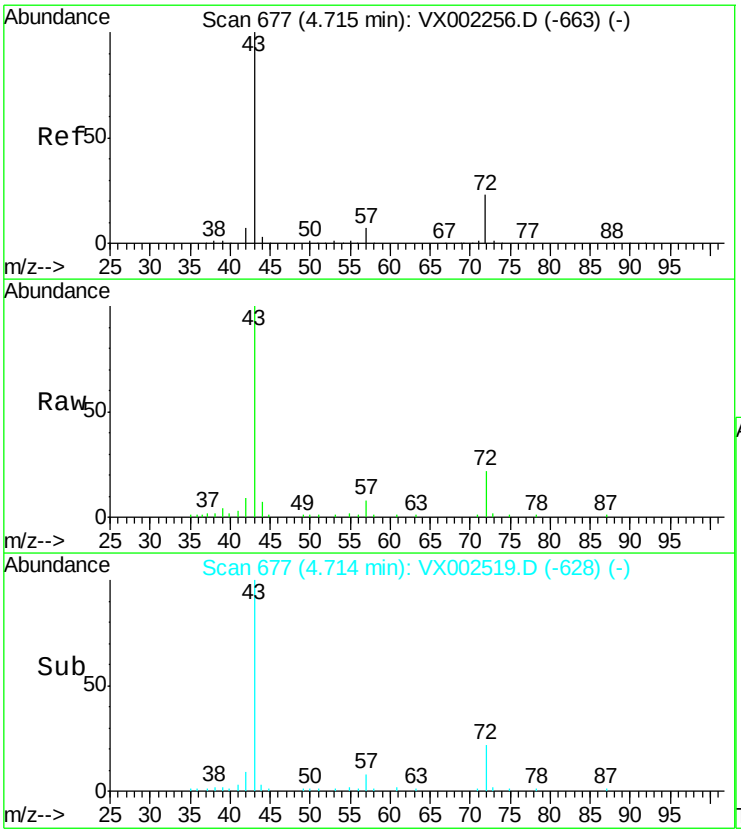
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.88 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 193

Ion	Ratio	Lower	Upper
45	100		
43	37.2	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

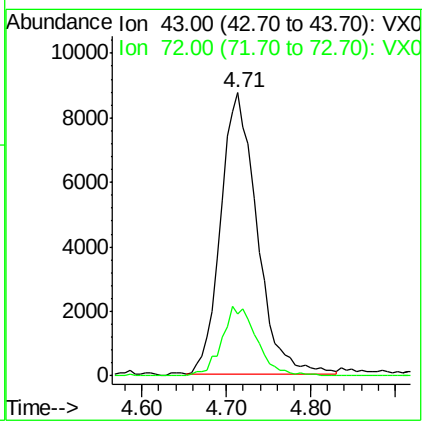


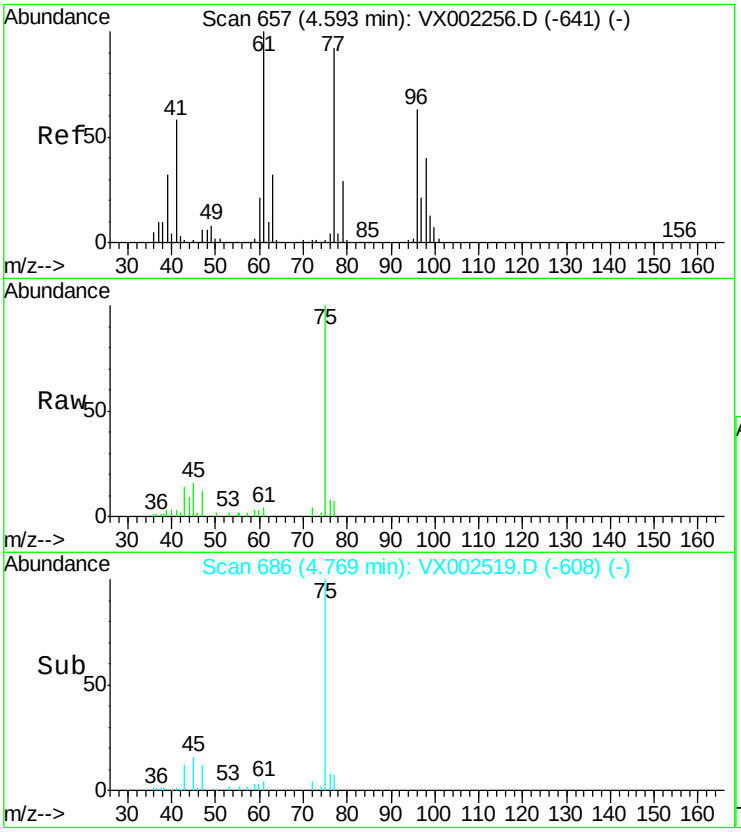


#25
2-Butanone
Concen: 12.91 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 25471

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.5	27.7



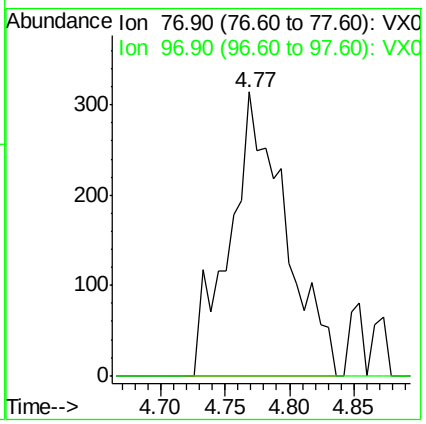


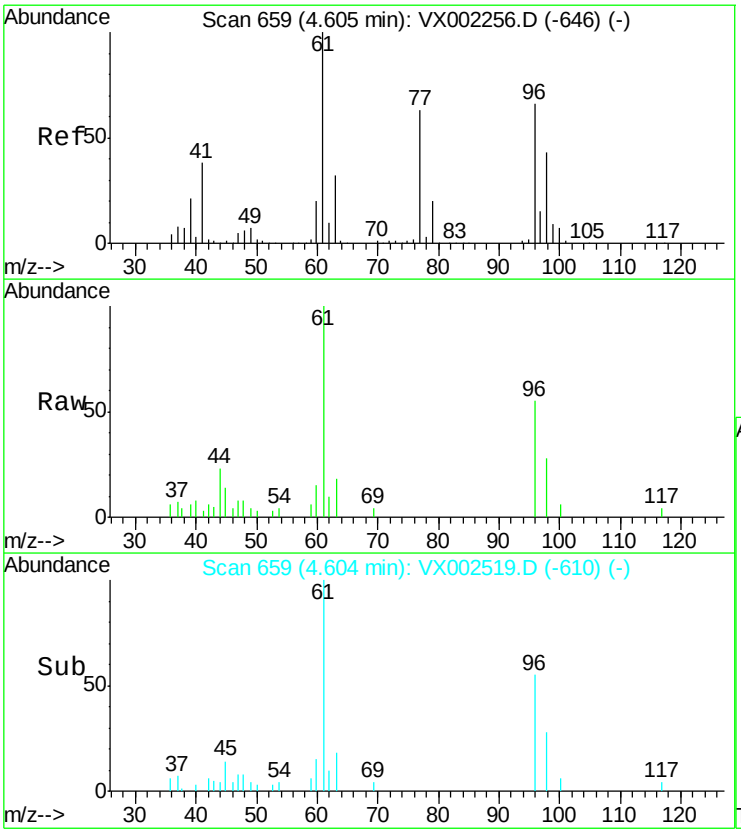
#26
2,2-Dichloropropane
Concen: 0.26 ug/l
RT: 4.77 min Scan# 686
Delta R.T. 0.18 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 77 Resp: 938

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.2	33.5#

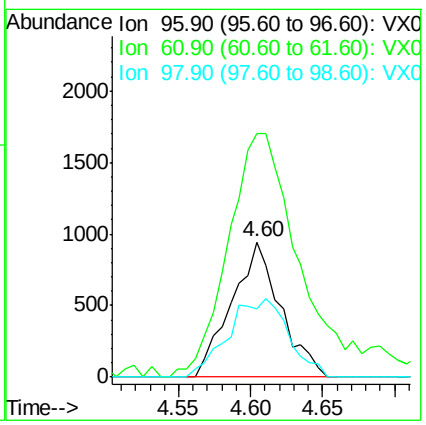


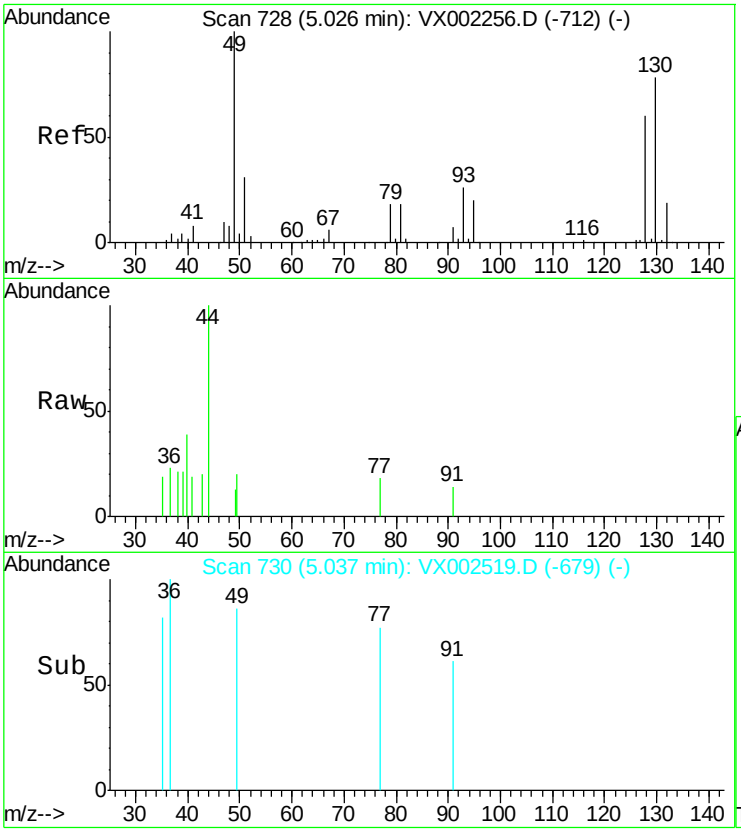


#27
cis-1,2-Dichloroethene
Concen: 0.87 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 96 Resp: 2224

Ion	Ratio	Lower	Upper
96	100		
61	258.4	0.0	330.2
98	71.5	0.0	130.2



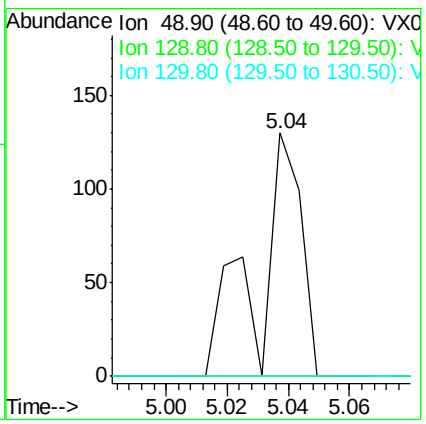


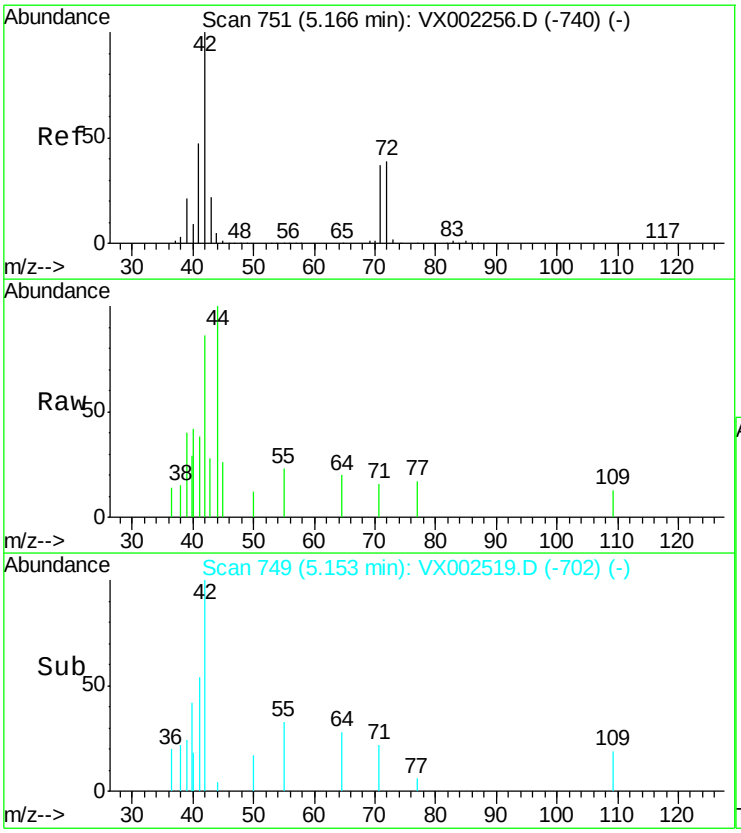
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 129

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

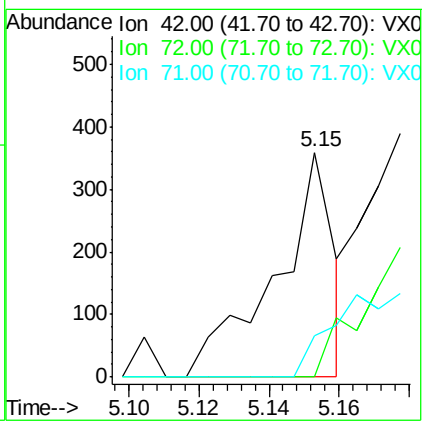


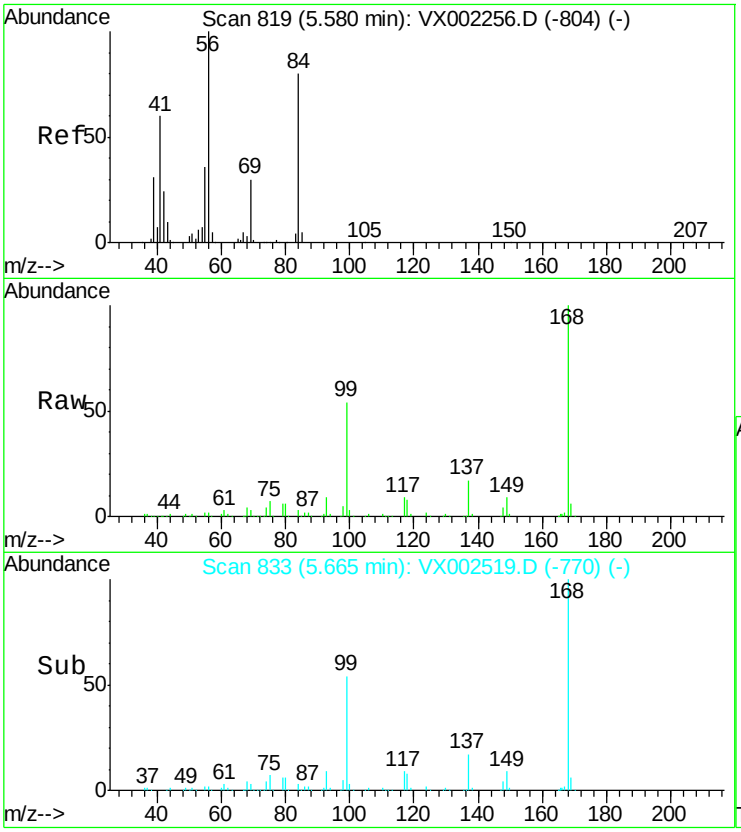


#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 42 Resp: 412

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



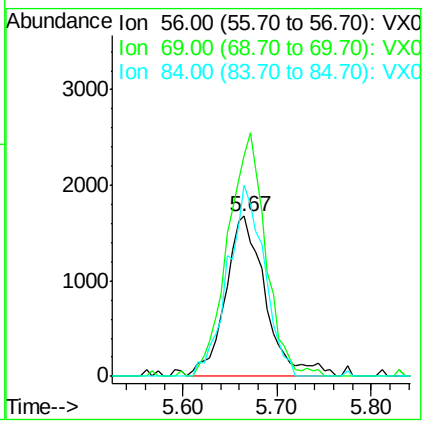


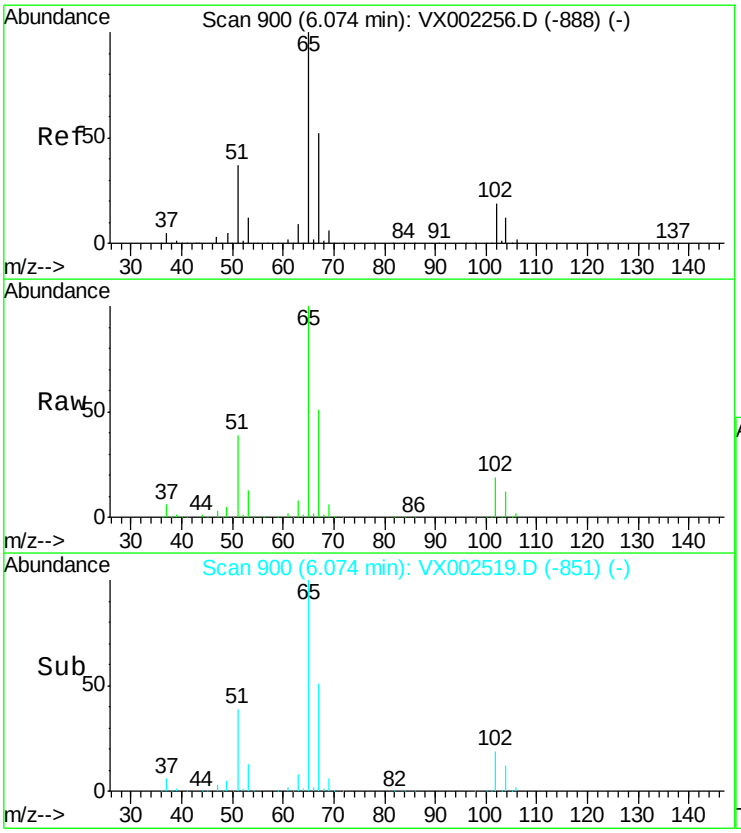
#31
Cyclohexane
Concen: 1.36 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4947

Ion	Ratio	Lower	Upper
56	100		
69	137.8	23.7	35.5#
84	119.2	64.1	96.1#

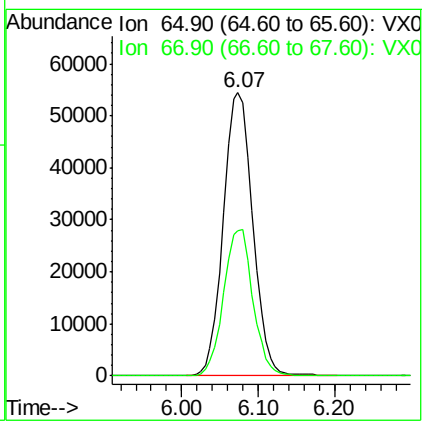


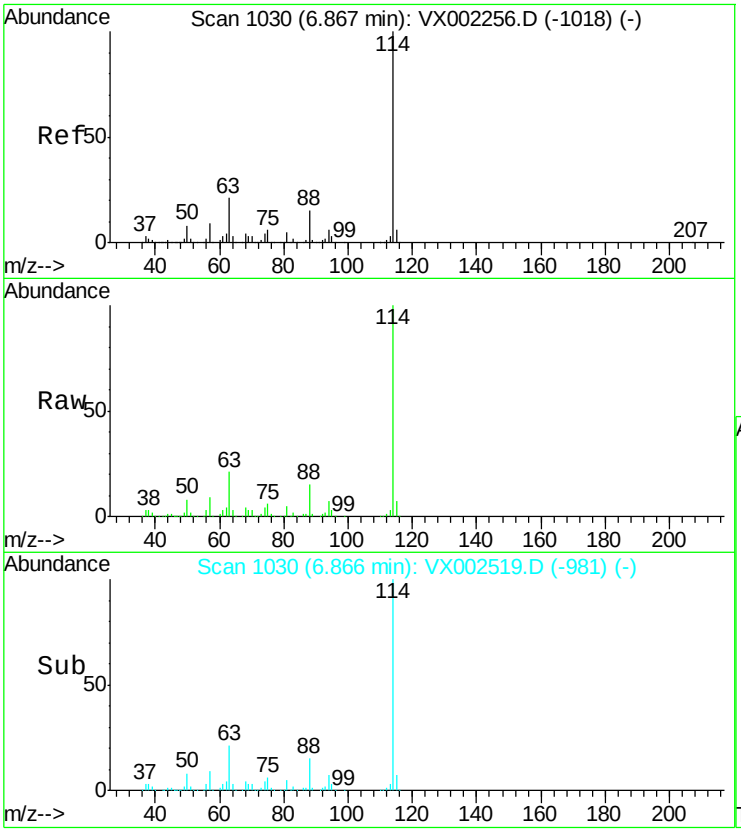


#33
1,2-Dichloroethane-d4
Concen: 50.52 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 65 Resp: 145295

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.6



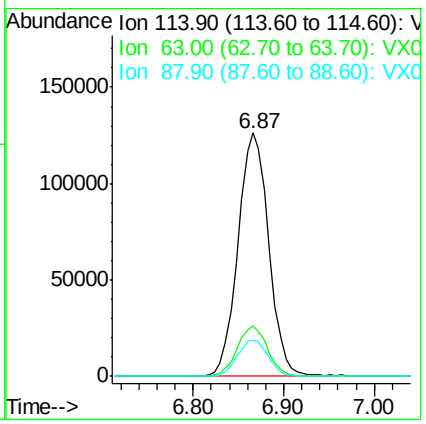


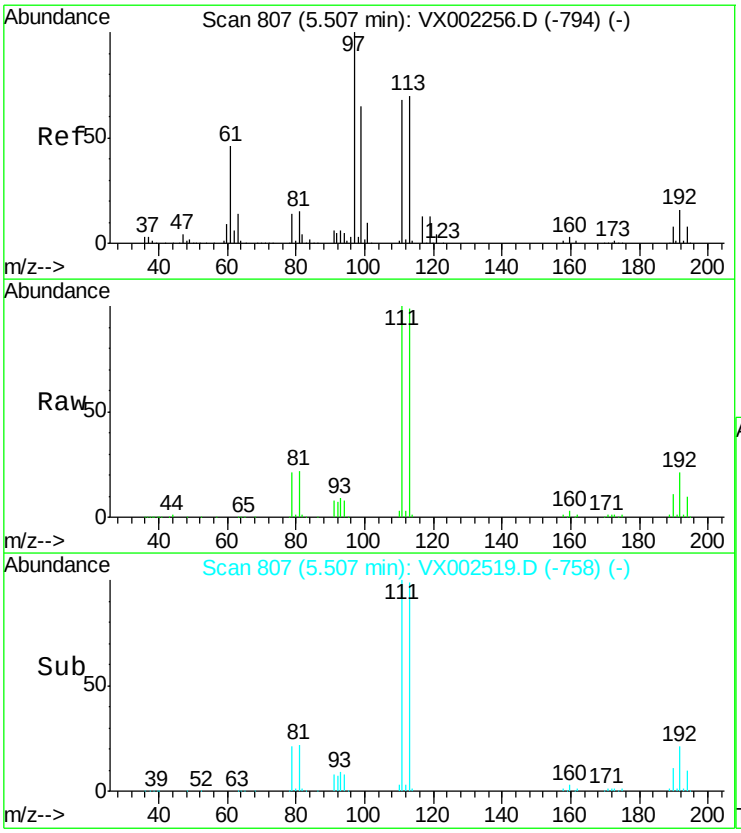
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 296511

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.1	0.0	30.0

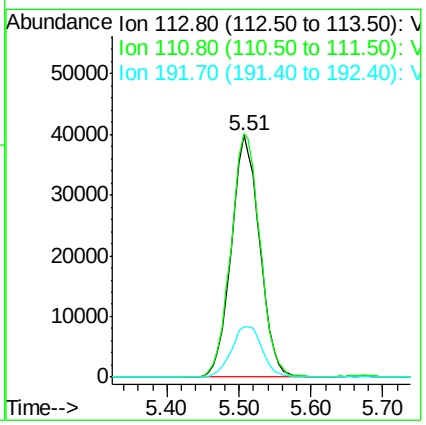


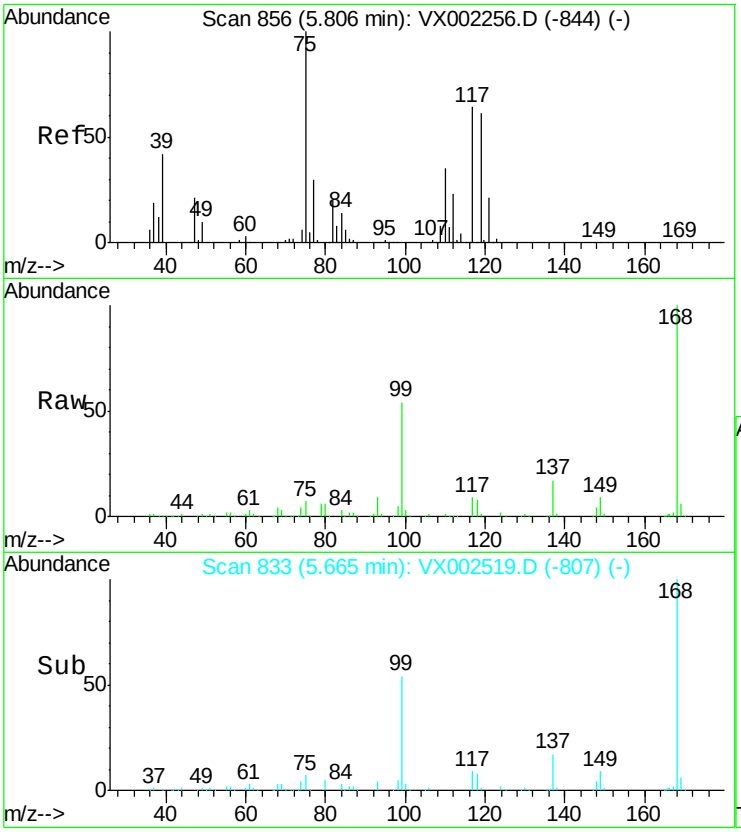


#35
Dibromofluoromethane
Concen: 46.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion:113 Resp: 109465

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	22.7	19.1	28.7



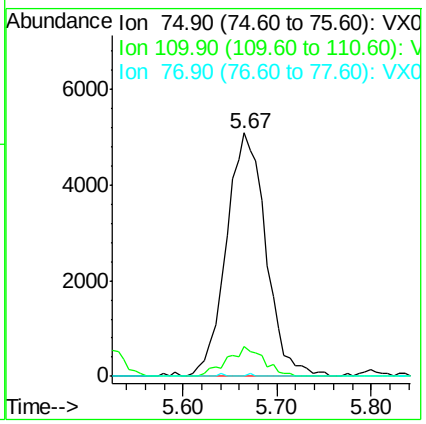


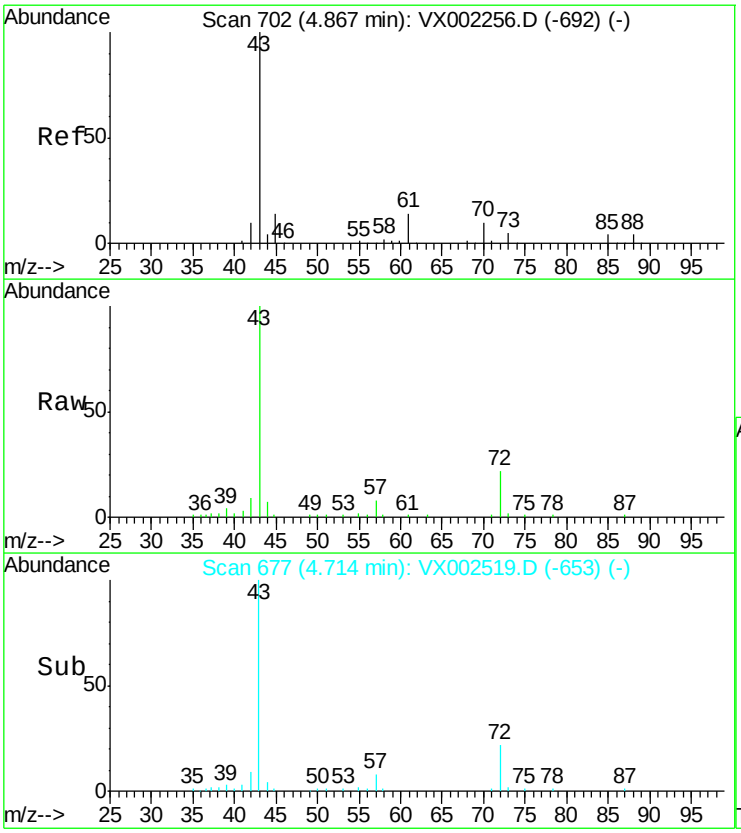
#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 14848

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

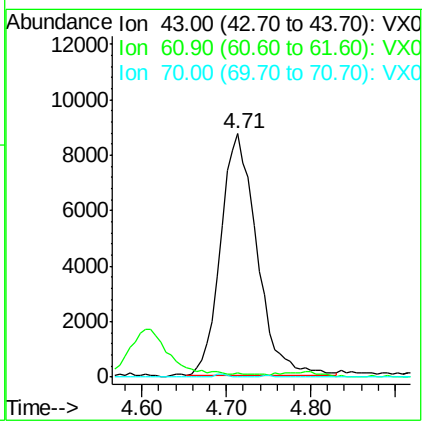


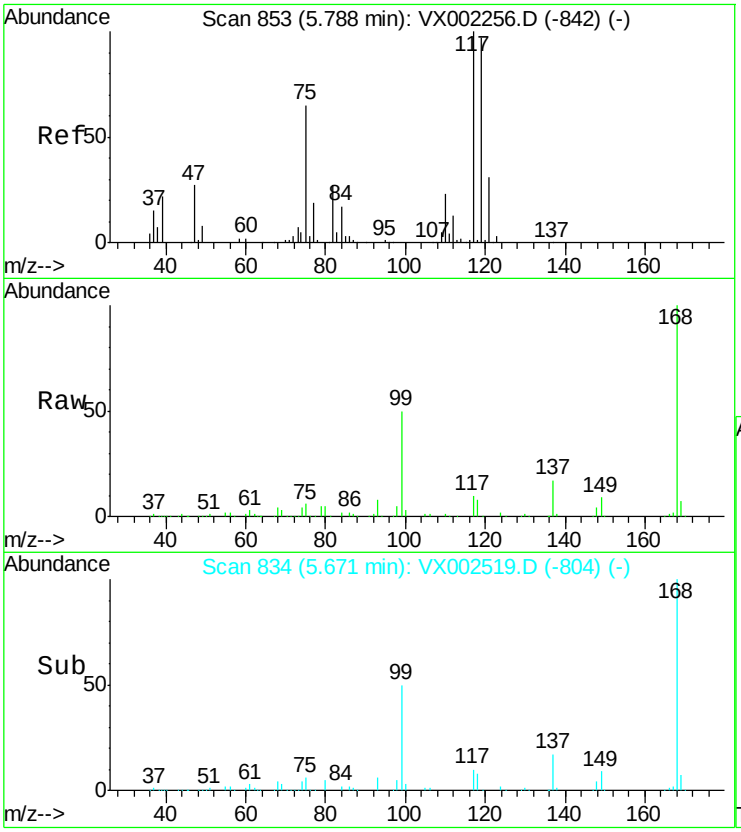


#37
Ethyl Acetate
Concen: 6.79 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.15 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 25471

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	0.4	7.6	11.4#



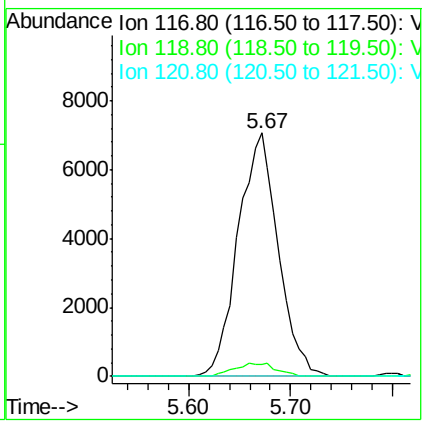


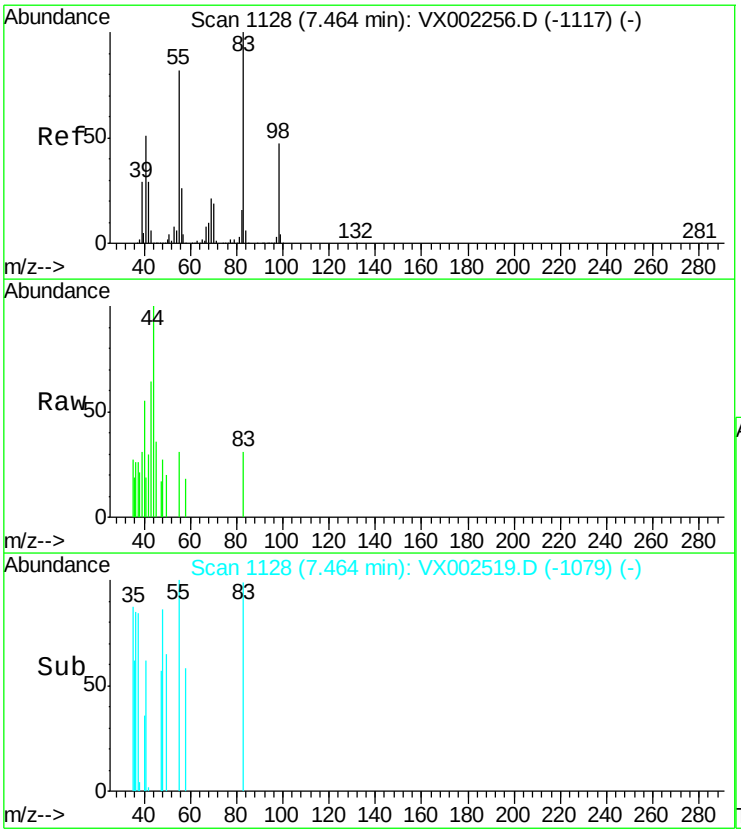
#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 19268

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	24.4	36.6#

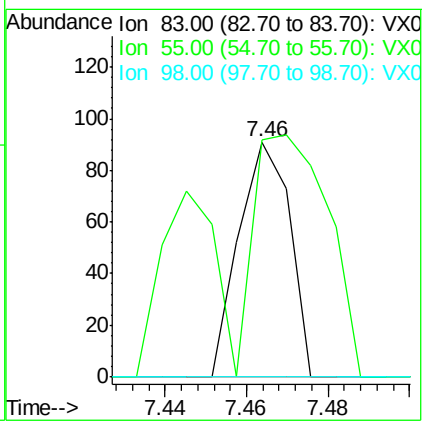


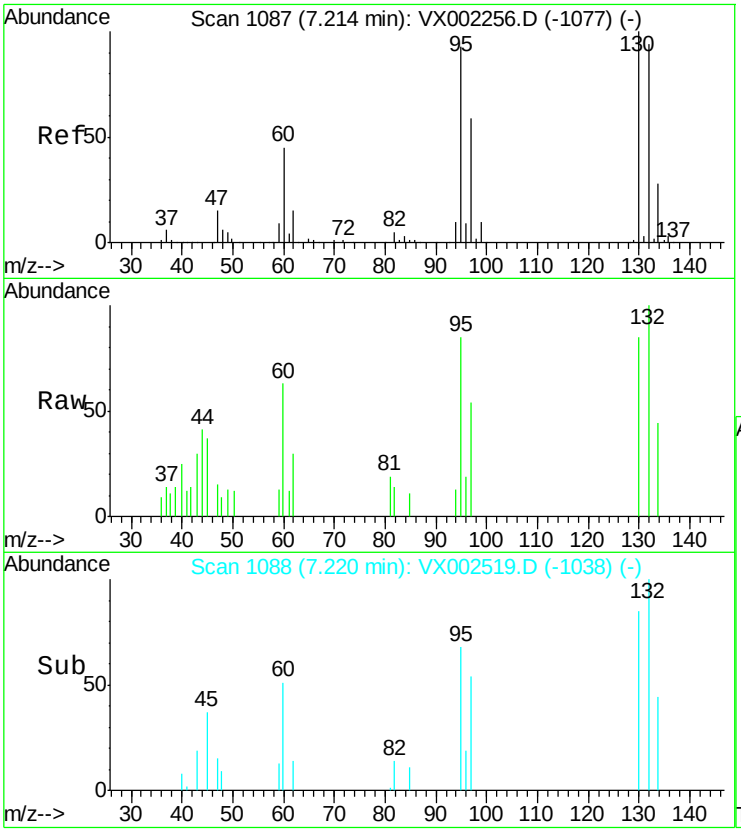


#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 83 Resp: 79

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



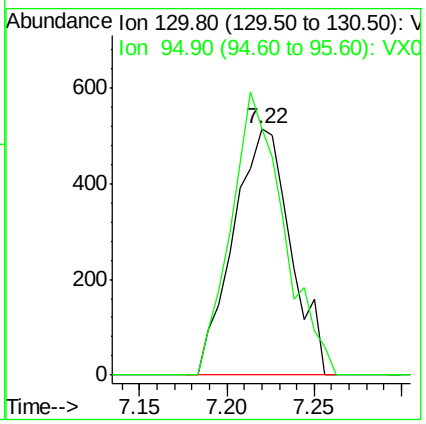


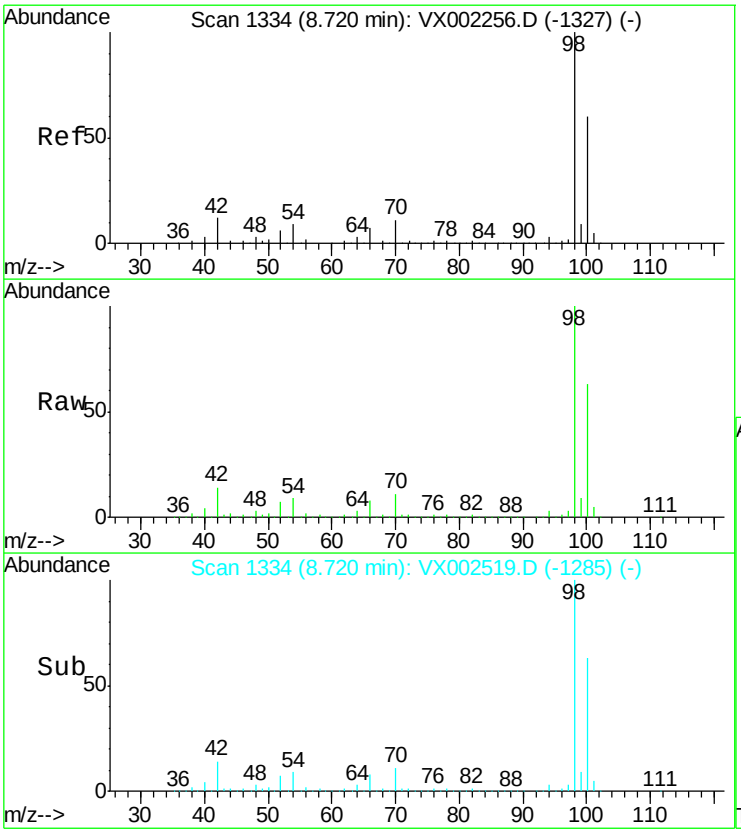
#44
Trichloroethene
Concen: 0.44 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 1173

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	185.4

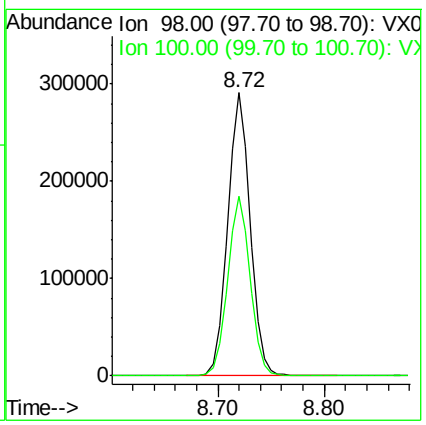


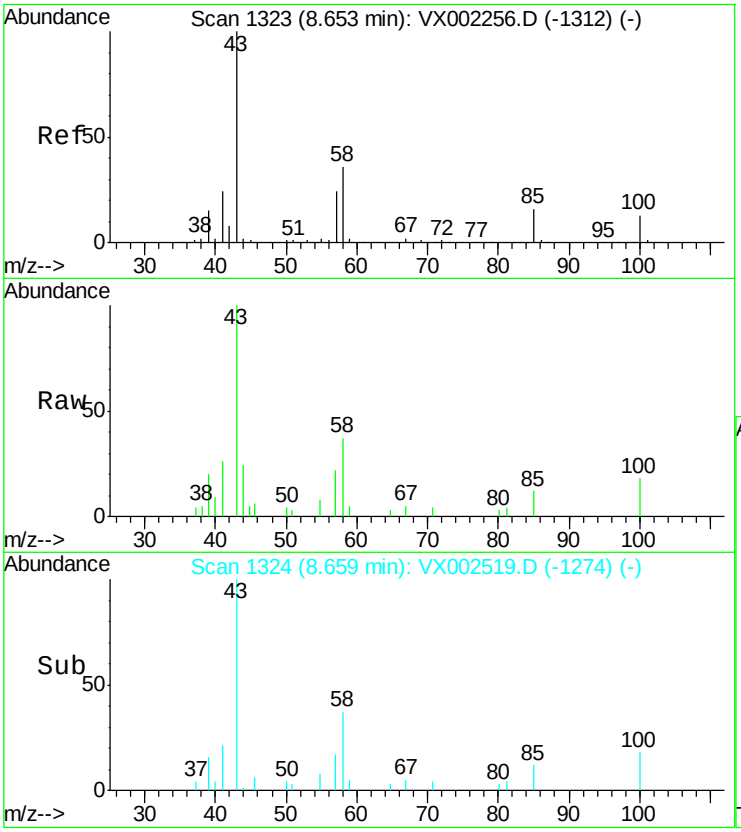


#50
Toluene-d8
Concen: 48.22 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 98 Resp: 430979

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3

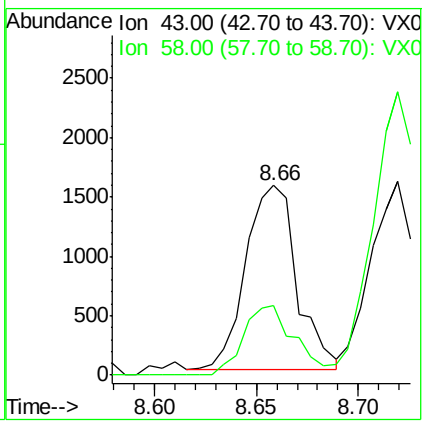




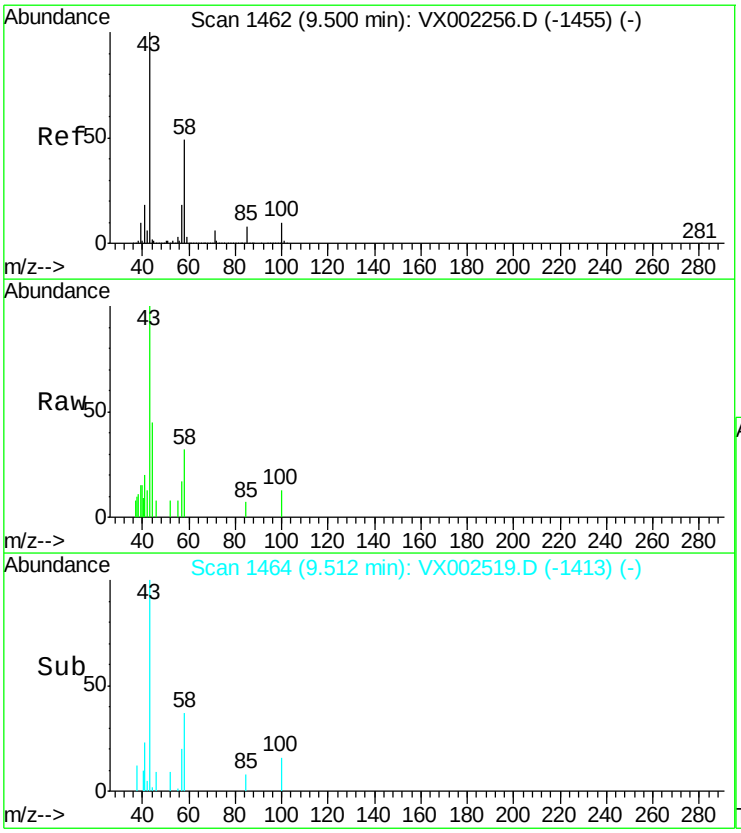
#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 2691

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.6	42.8



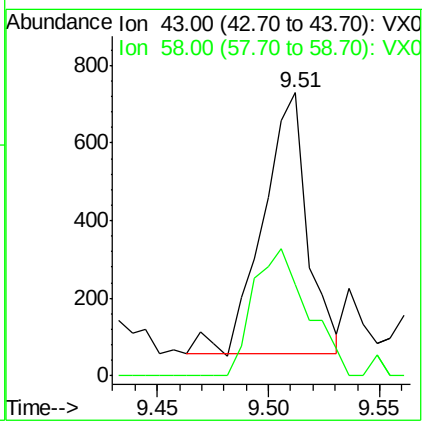
Instrument :
MSVOA_X
ClientSampleId :

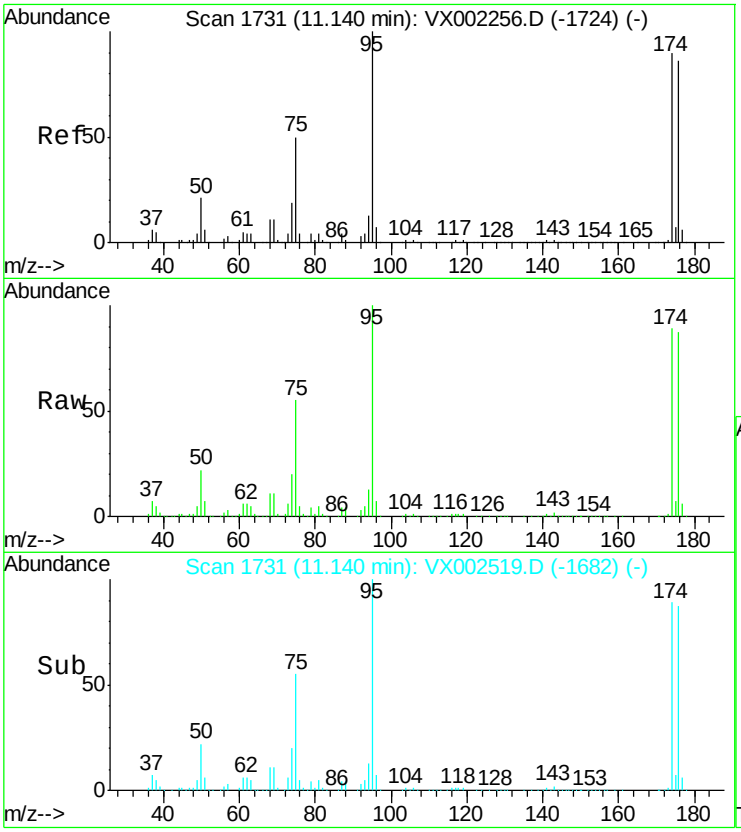


#59
2-Hexanone
Concen: 0.31 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 43 Resp: 937

Ion	Ratio	Lower	Upper
43	100		
58	59.7	24.6	73.6



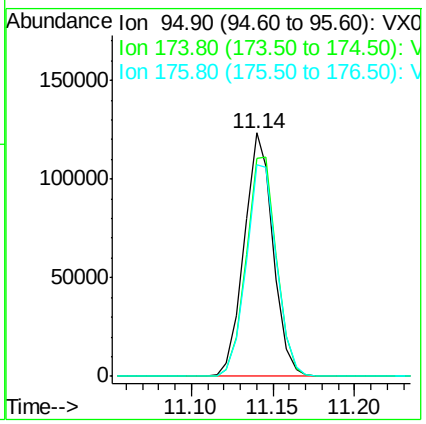


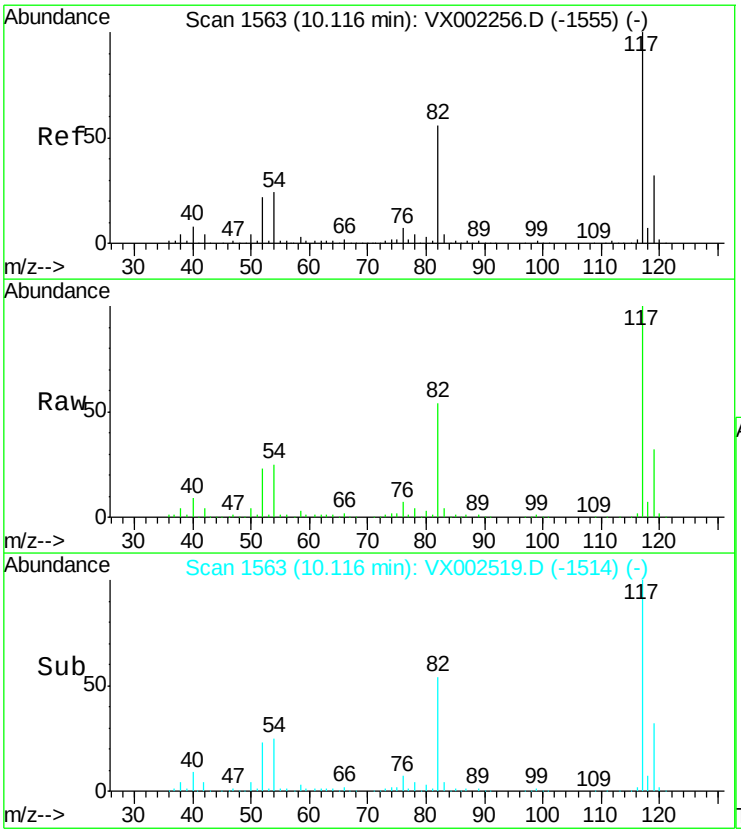
#62
4-Bromofluorobenzene
Concen: 44.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 152546

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	187.4
176	91.6	0.0	181.0

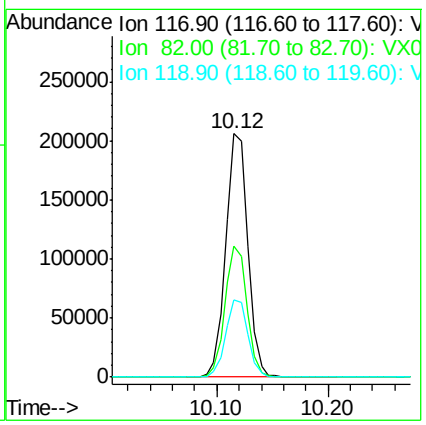


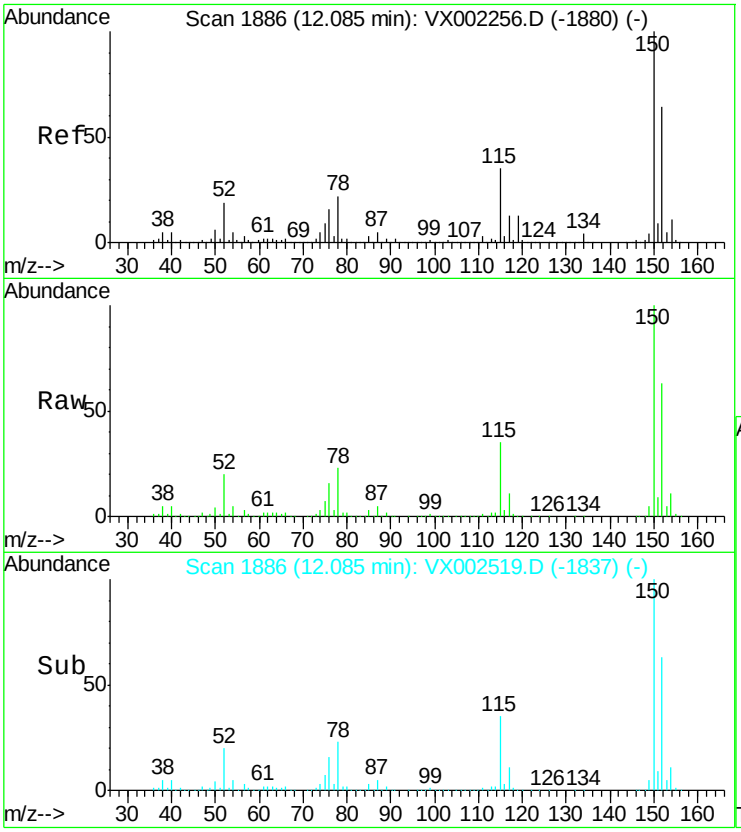


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion:117 Resp: 281808

Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.4
119	31.7	25.8	38.6



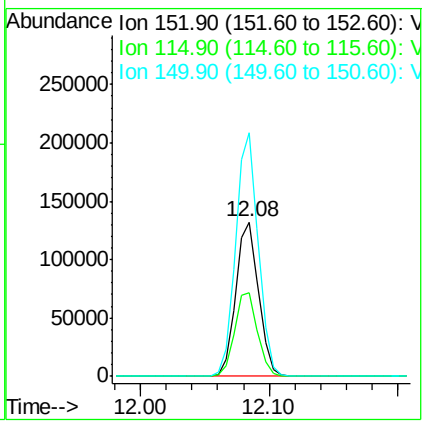


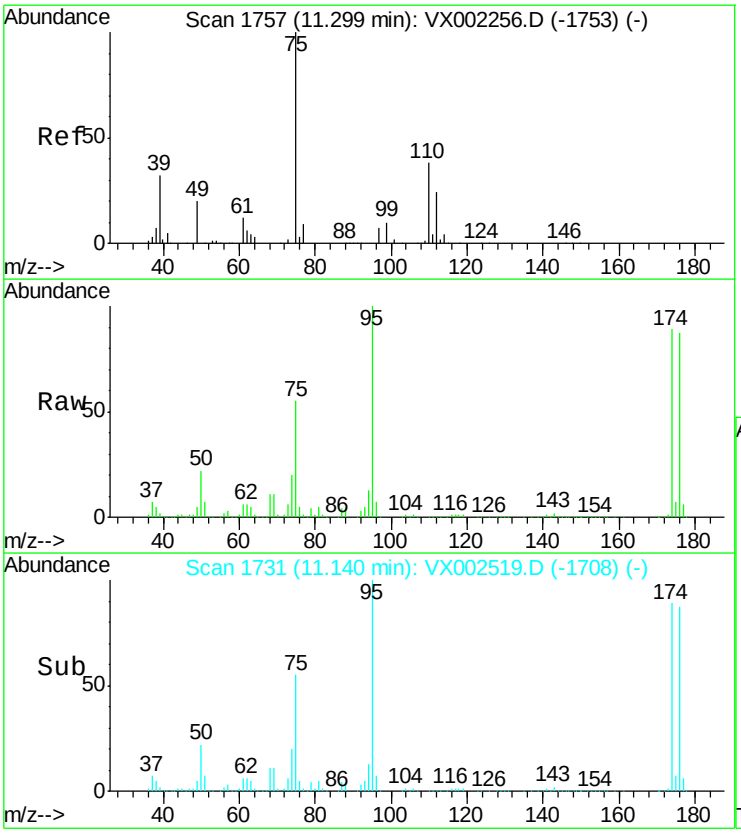
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 161697

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	156.4	0.0	347.2

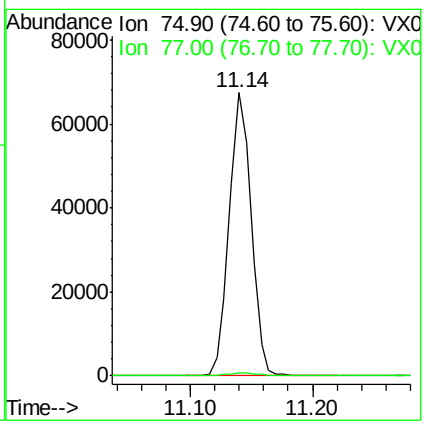


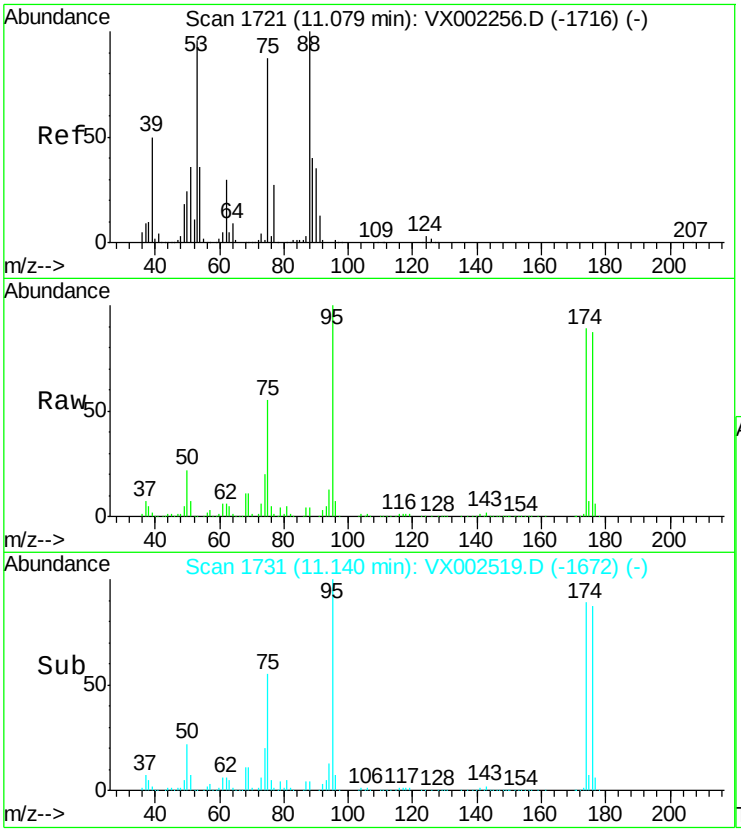


#76
1,2,3-Trichloropropane
Concen: 23.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Tgt Ion: 75 Resp: 83754

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002519.D
Acq: 13 Jun 2018 20:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83754

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#