Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002563.D
Acq On : 14 Jun 2018 20:19
Operator : JC/MD
Sample : PB110227ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:35:48 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	238490	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	344875	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	321899	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184874	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	163889	47.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.82%				
35) Dibromofluoromethane	5.51	113	123966	45.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.42%				
50) Toluene-d8	8.72	98	493328	47.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.92%				
62) 4-Bromofluorobenzene	11.14	95	182758	45.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.18%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	523	Below Cal		#	83
5) Bromomethane	1.64	94	1245	Below Cal			99
6) Chloroethane	1.73	64	1202	0.59	ug/l	#	64
8) Diethyl Ether	2.06	74	146	Below Cal			95
10) Methyl Iodide	2.53	142	973	0.27	ug/l	#	86
11) Tert butyl alcohol	3.08	59	484	Below Cal		#	1
13) Acrolein	2.31	56	358	Below Cal		#	14
15) Acrylonitrile	3.12	53	177	Below Cal		#	32
16) Acetone	2.45	43	26200	Below Cal			95
18) Methyl Acetate	2.78	43	23664	4.47	ug/l		96
19) Methyl tert-butyl Ether	3.20	73	149	Below Cal		#	1
20) Methylene Chloride	2.86	84	6244	Below Cal			97
22) Diisopropyl ether	3.87	45	247	Below Cal		#	1
25) 2-Butanone	4.72	43	7304	3.12	ug/l		99
28) Bromochloromethane	5.02	49	41	Below Cal		#	13
29) Tetrahydrofuran	5.19	42	1427	0.95	ug/l	#	88
36) 1,1-Dichloropropene	5.67	75	16694	4.60	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	22415	5.91	ug/l	#	16
39) Methylcyclohexane	7.45	83	289	0.33	ug/l	#	77
51) 4-Methyl-2-Pentanone	8.65	43	5962	1.29	ug/l		91
65) Chlorobenzene	10.14	112	2939	0.37	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	98089	24.18	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	98089	84.76	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	2953	0.26	ug/l		87

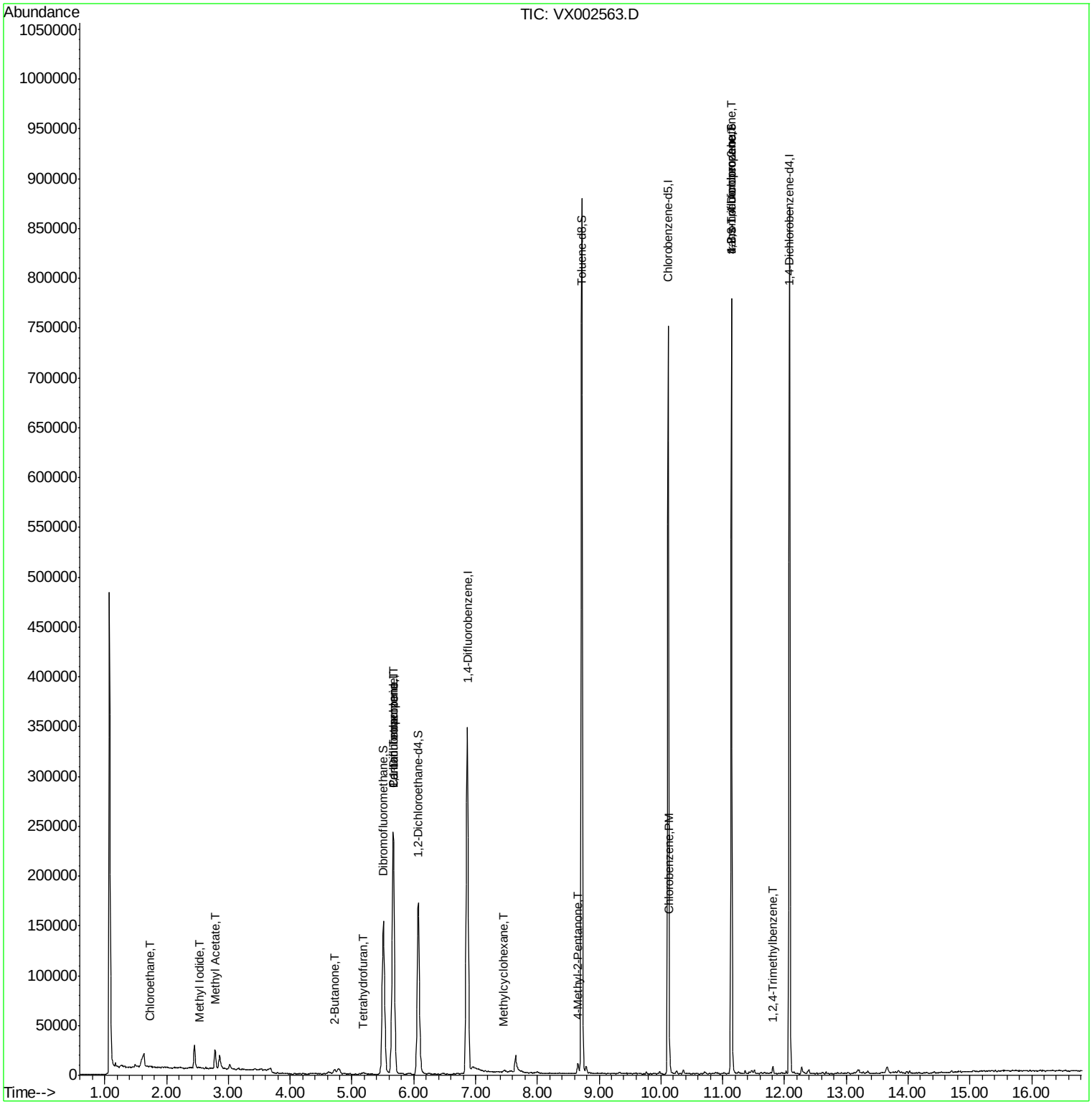
(#) = qualifier out of range (m) = manual integration (+) = signals summed

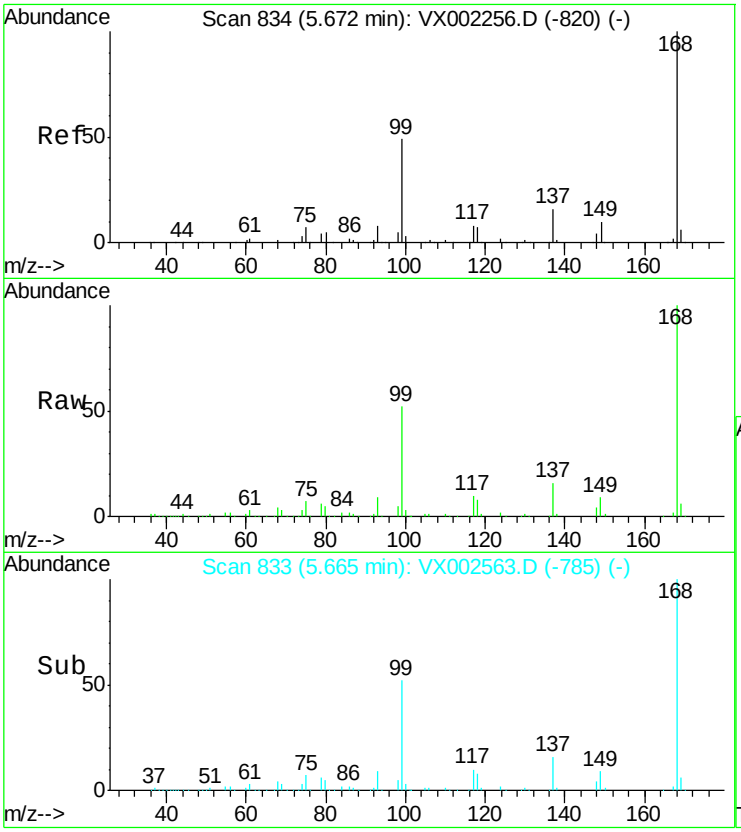
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002563.D
Acq On : 14 Jun 2018 20:19
Operator : JC/MD
Sample : PB110227ZHE#07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:35:48 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



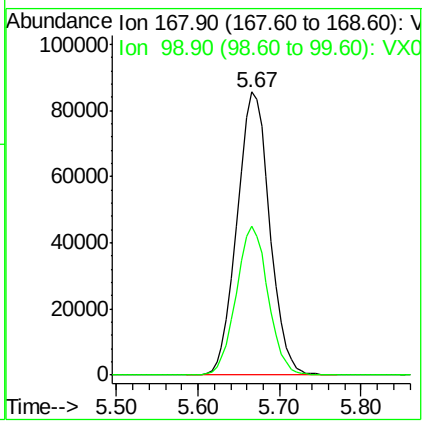


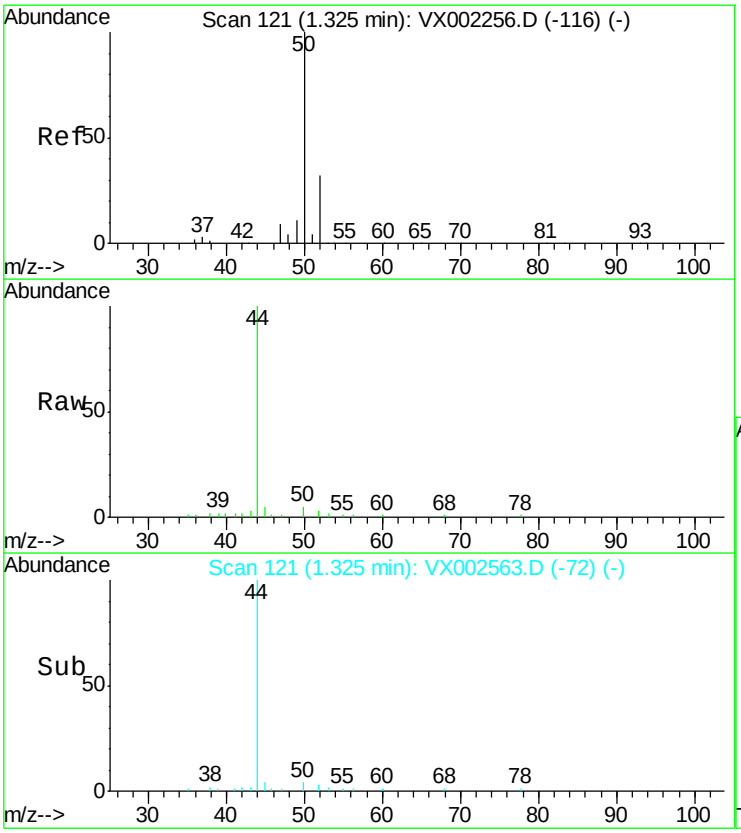
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 238490

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.3	58.9

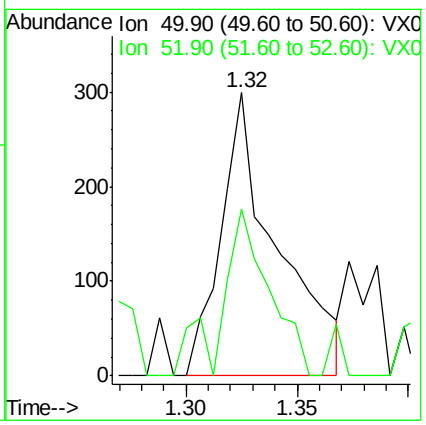


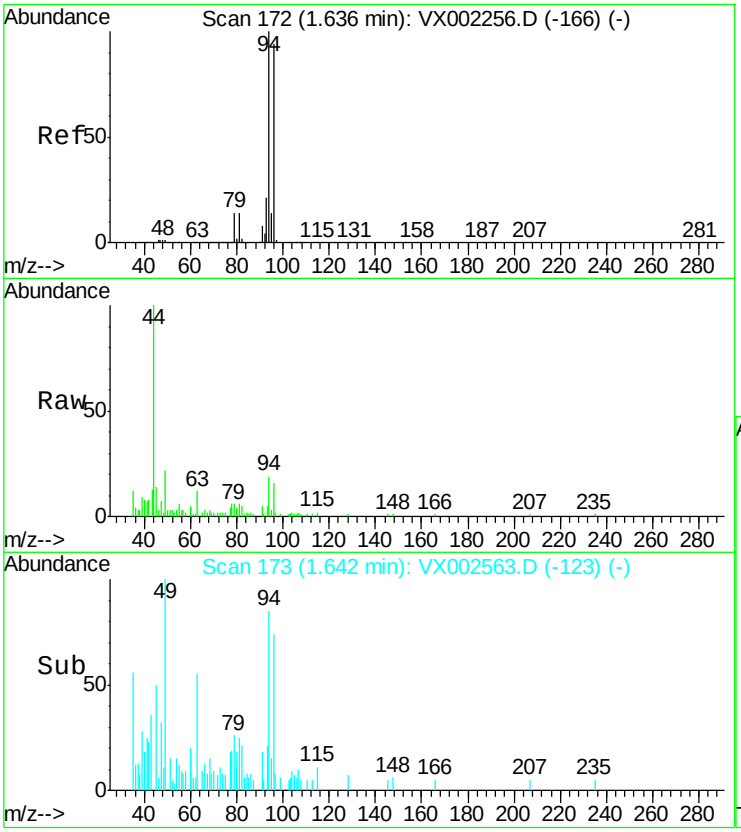


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 50 Resp: 523

Ion	Ratio	Lower	Upper
50	100		
52	41.8	25.7	38.5#



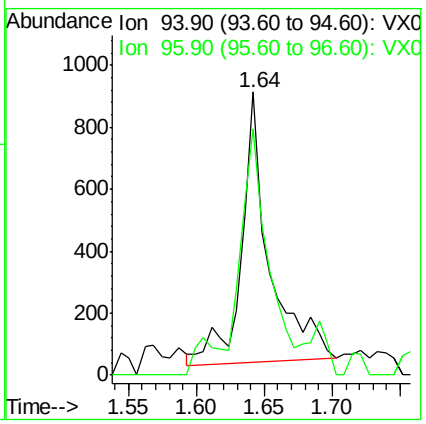


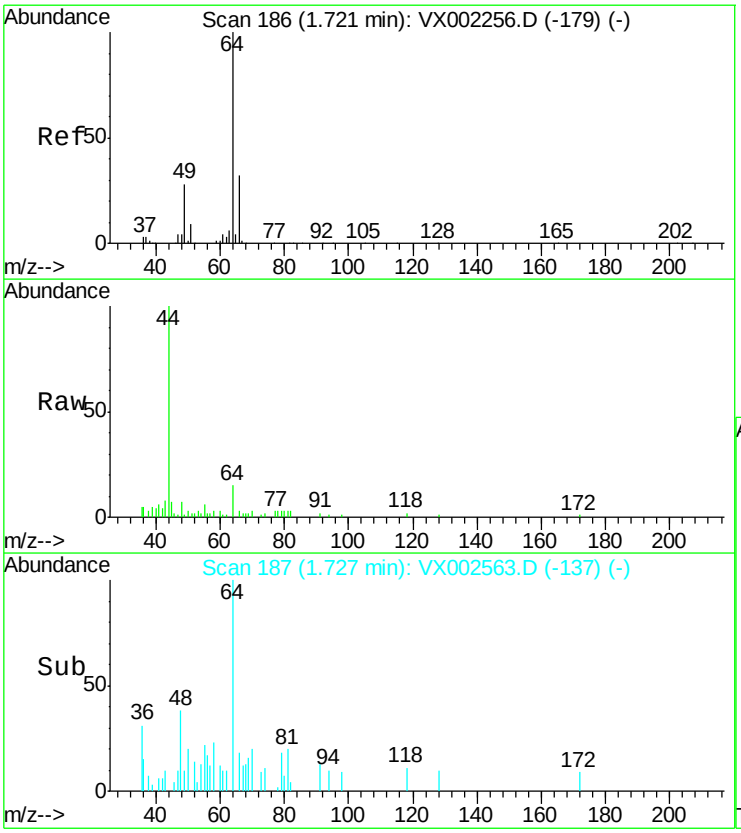
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1245

Ion	Ratio	Lower	Upper
94	100		
96	92.6	74.9	112.3

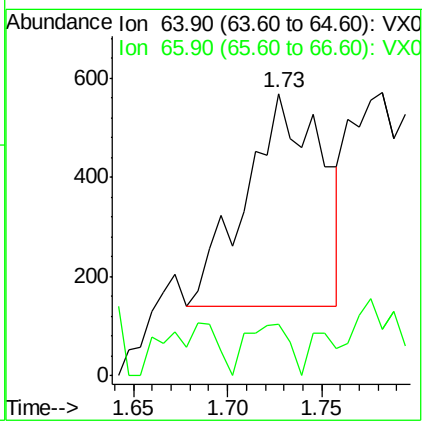


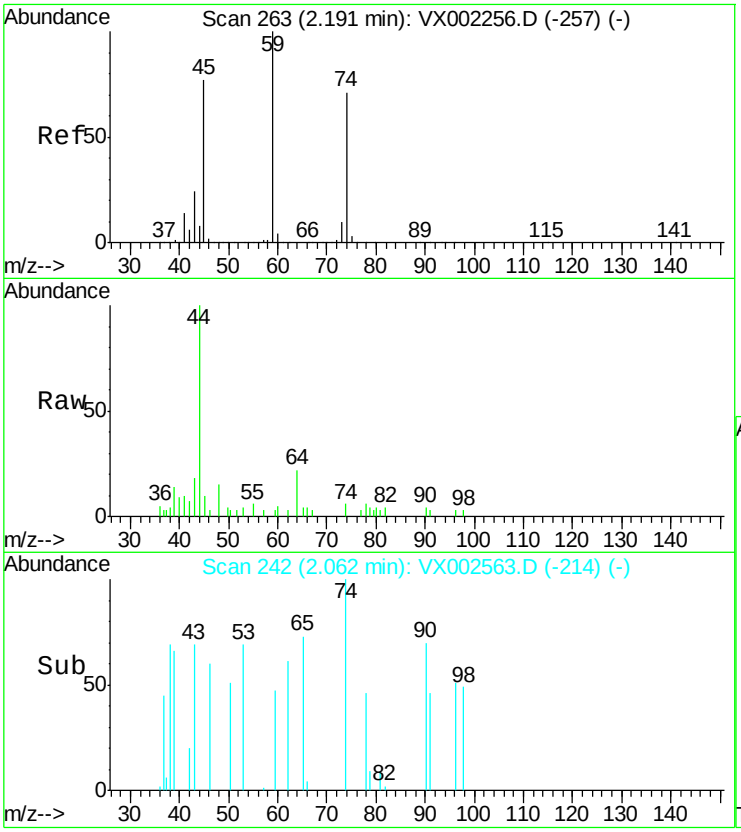


#6
Chloroethane
Concen: 0.59 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 64 Resp: 1202

Ion	Ratio	Lower	Upper
64	100		
66	11.7	25.5	38.3#



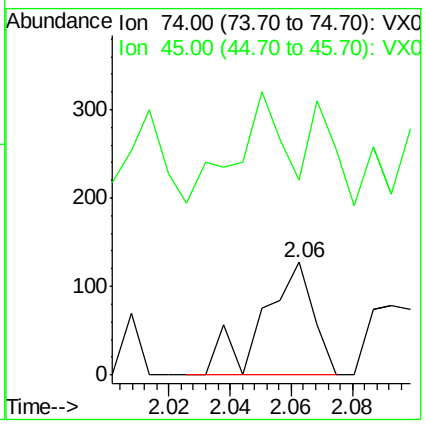


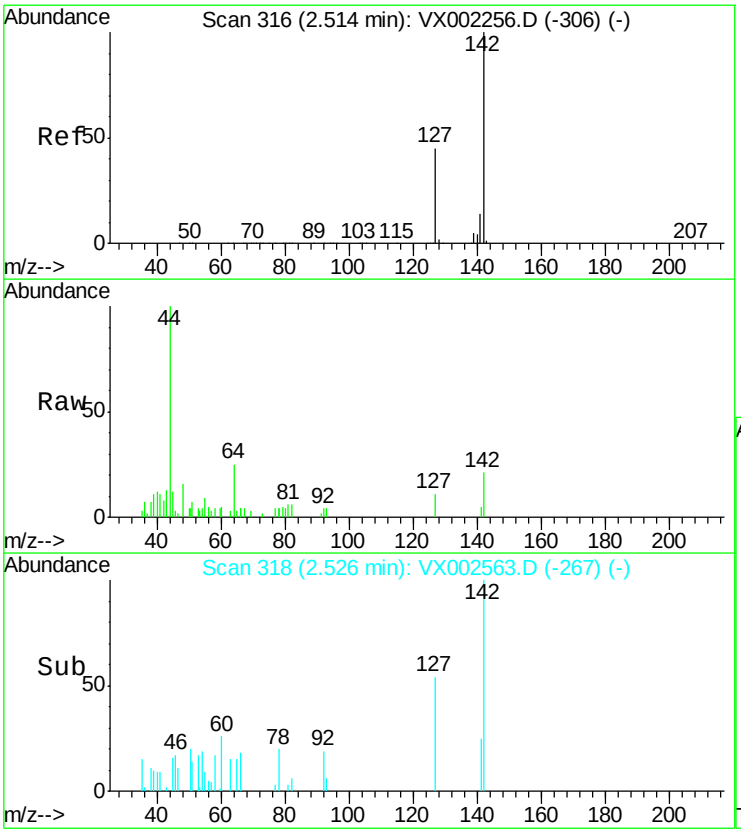
#8
Diethyl Ether
Concen: Below Cal
RT: 2.06 min Scan# 242
Delta R.T. -0.13 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 146

Ion	Ratio	Lower	Upper
74	100		
45	100.7	53.1	159.4

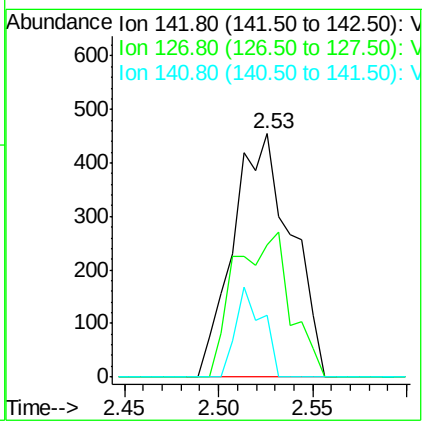


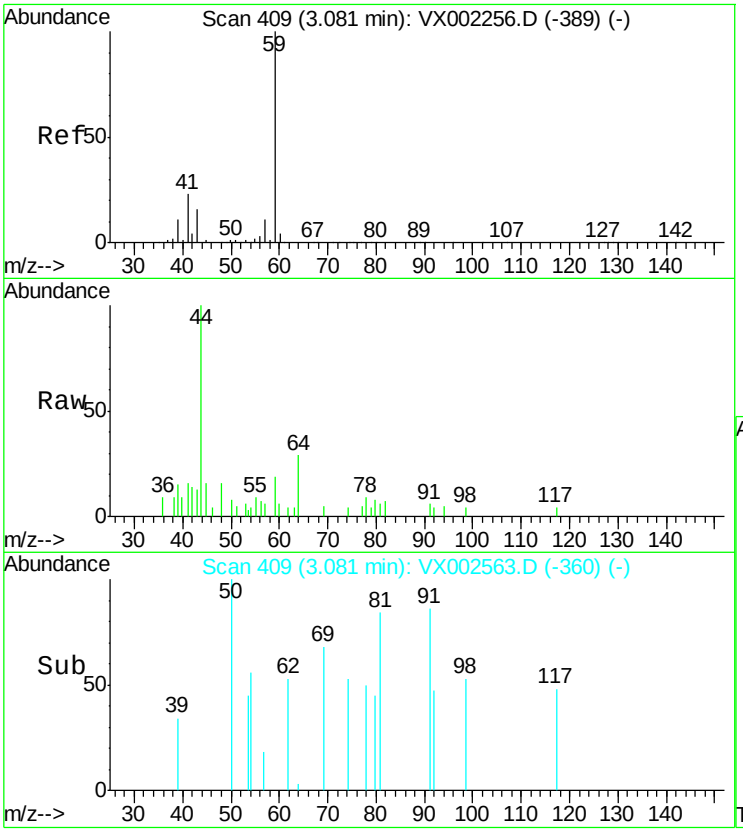


#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion:142 Resp: 973

Ion	Ratio	Lower	Upper
142	100		
127	56.7	36.6	55.0#
141	17.2	11.3	16.9#



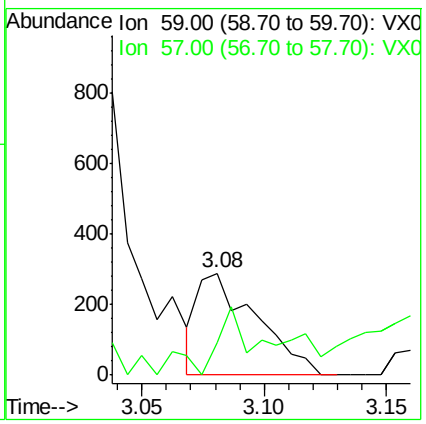


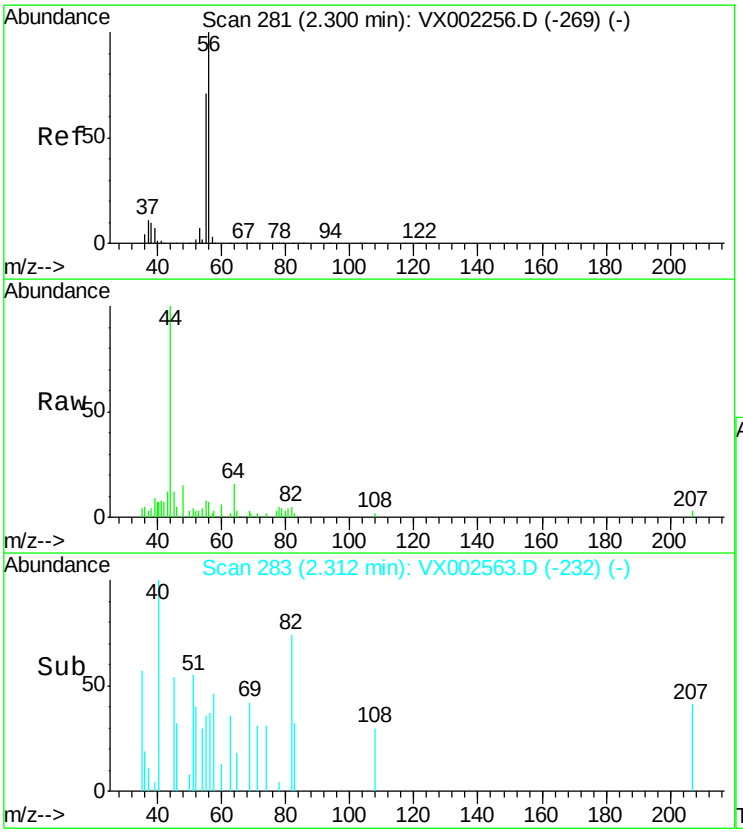
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 484

Ion	Ratio	Lower	Upper
59	100		
57	49.8	8.2	12.2#

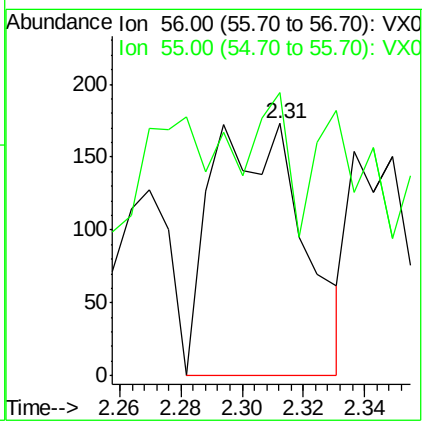


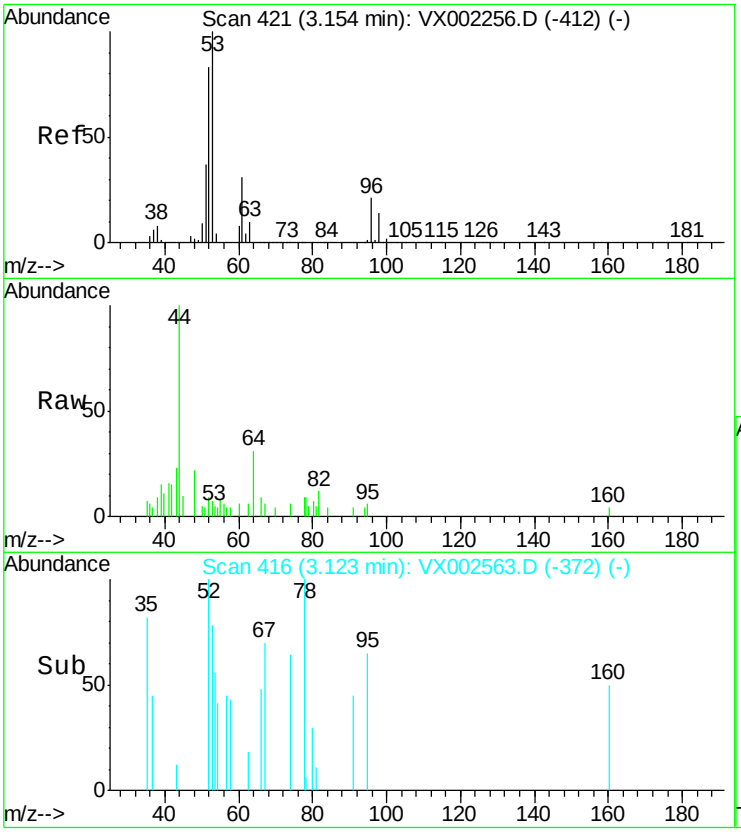


#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 56 Resp: 358

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



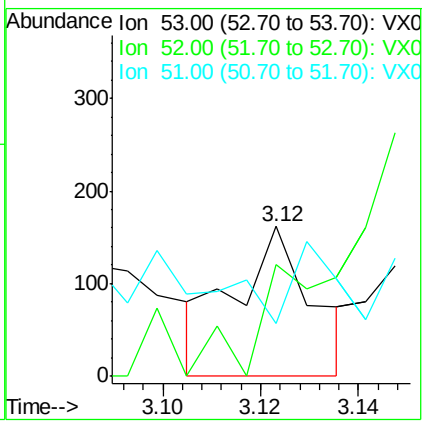


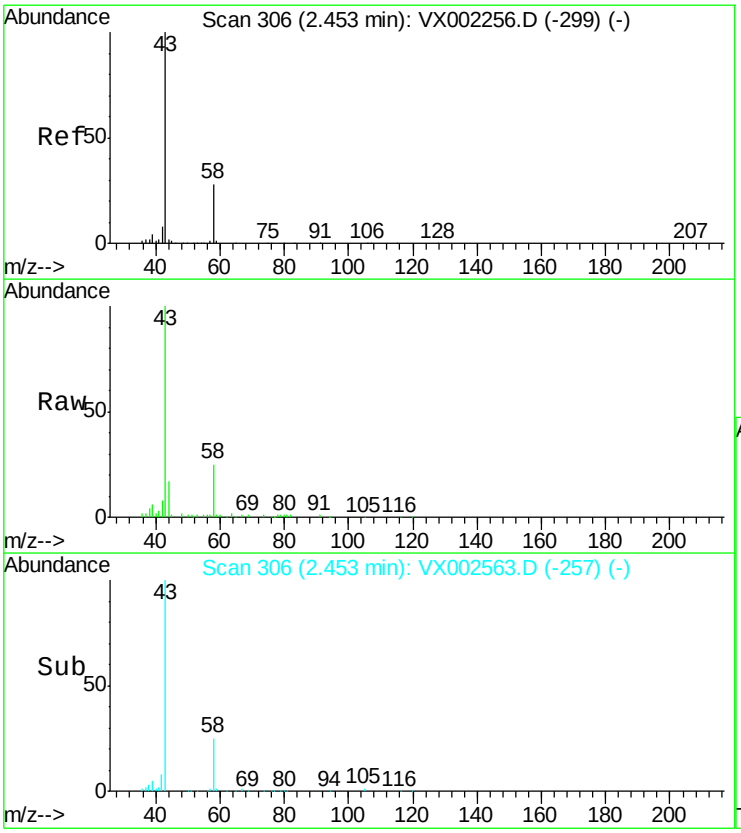
#15
Acrylonitrile
Concen: Below Cal
RT: 3.12 min Scan# 416
Delta R.T. -0.03 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 177

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.7	100.1#
51	28.8	29.9	44.9#

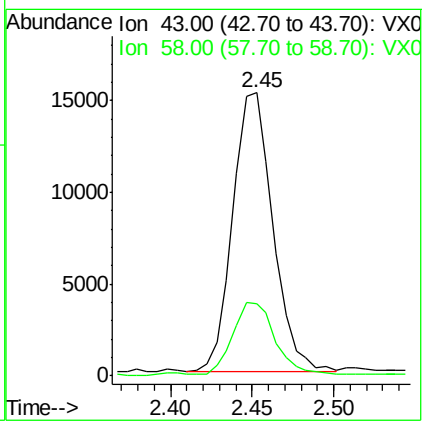


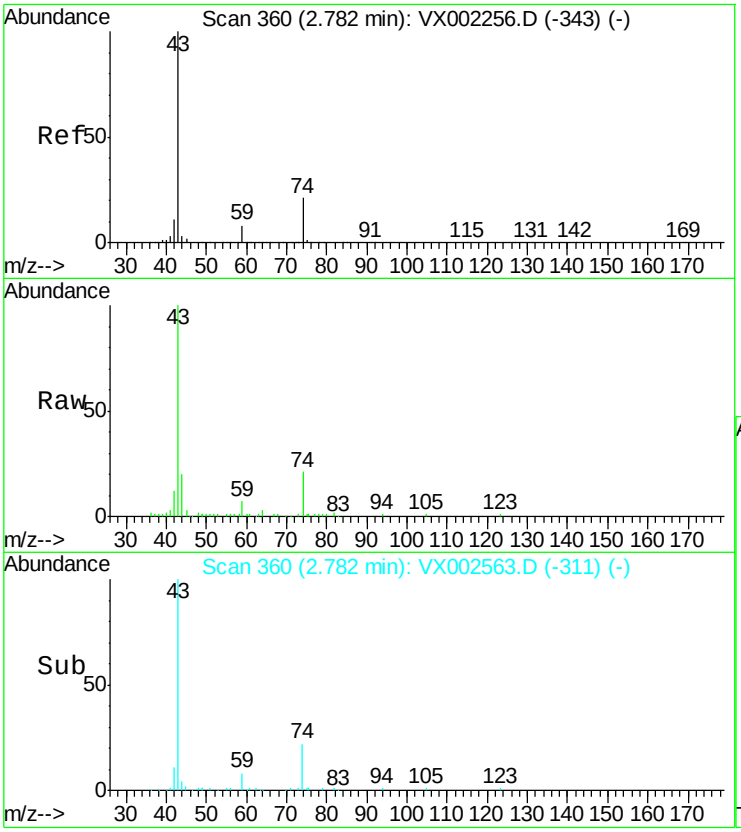


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 43 Resp: 26200

Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.1	33.1



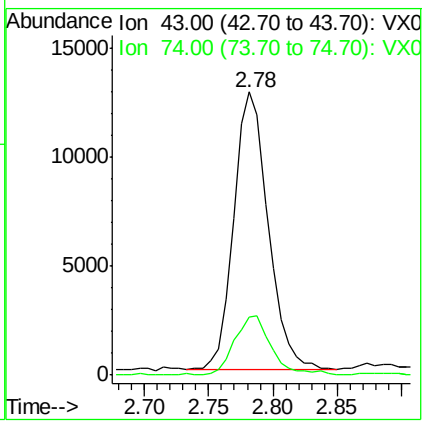


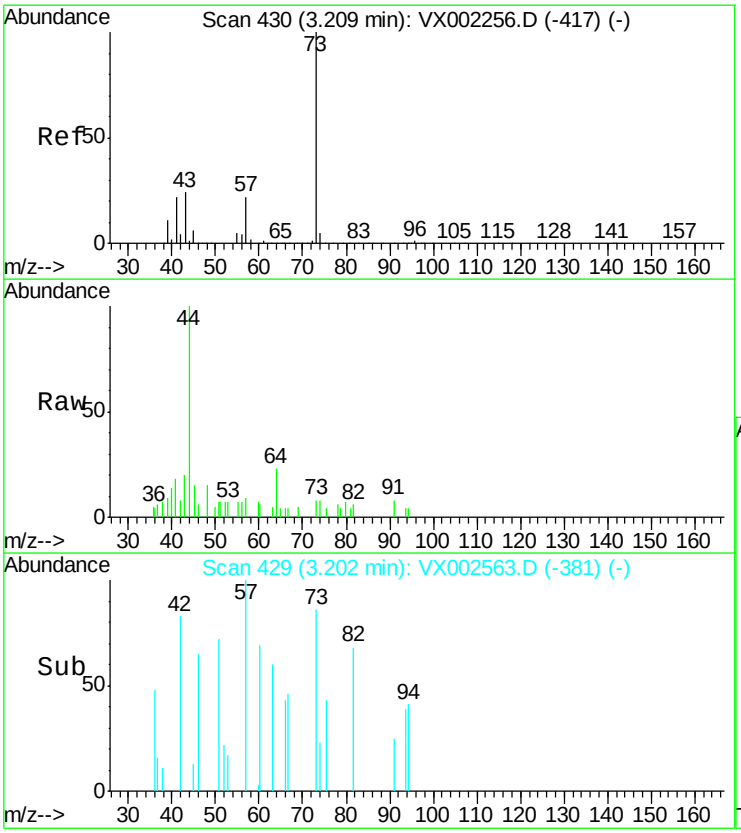
#18
Methyl Acetate
Concen: 4.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 23664

Ion	Ratio	Lower	Upper
43	100		
74	22.9	16.7	25.1

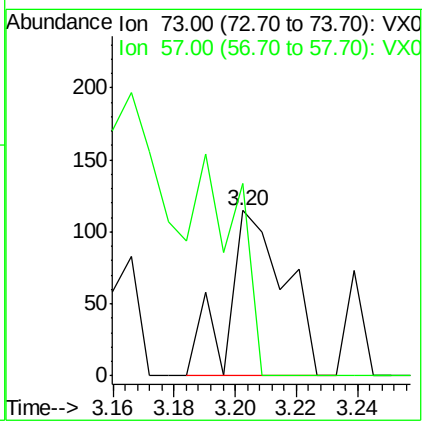


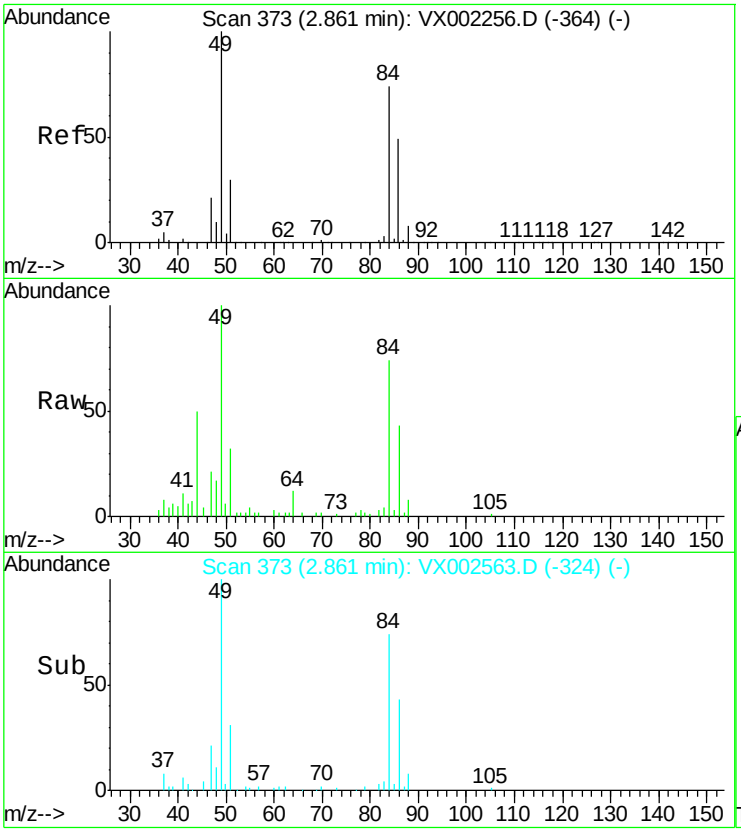


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 73 Resp: 149

Ion	Ratio	Lower	Upper
73	100		
57	116.5	17.7	26.5#



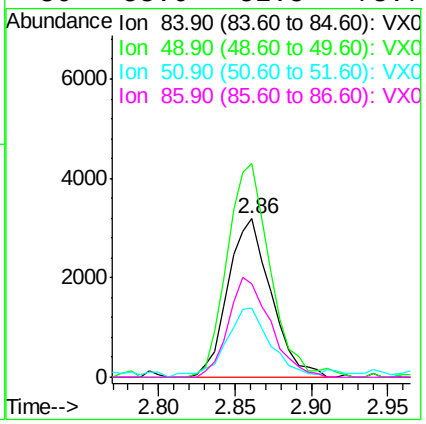


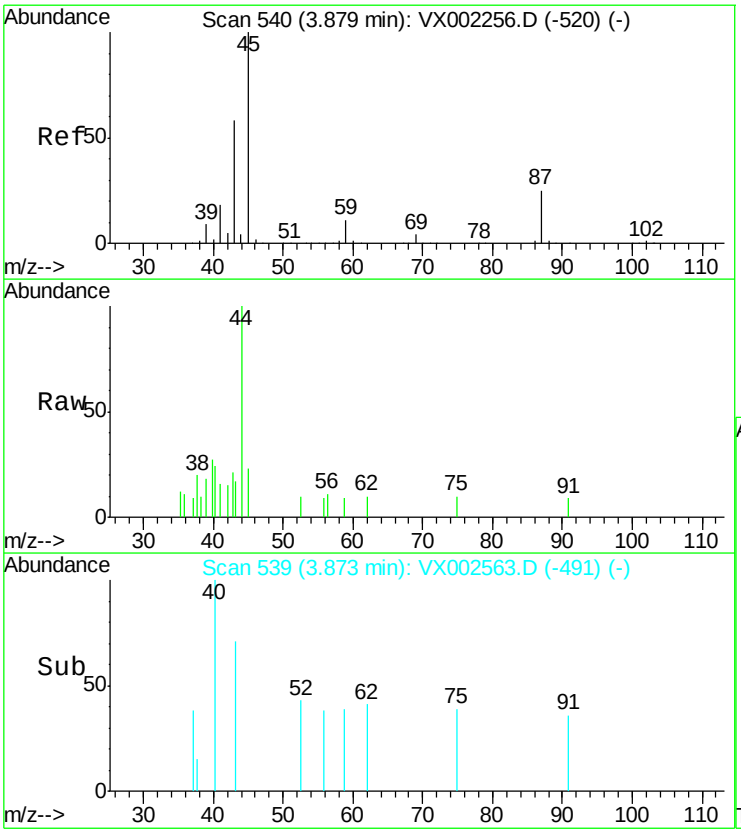
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 6244

Ion	Ratio	Lower	Upper
84	100		
49	134.7	107.8	161.6
51	41.5	32.8	49.2
86	58.6	52.5	78.7

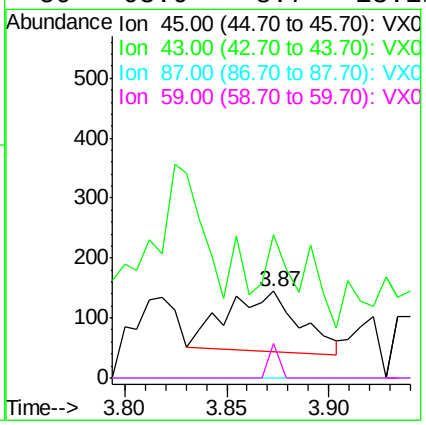


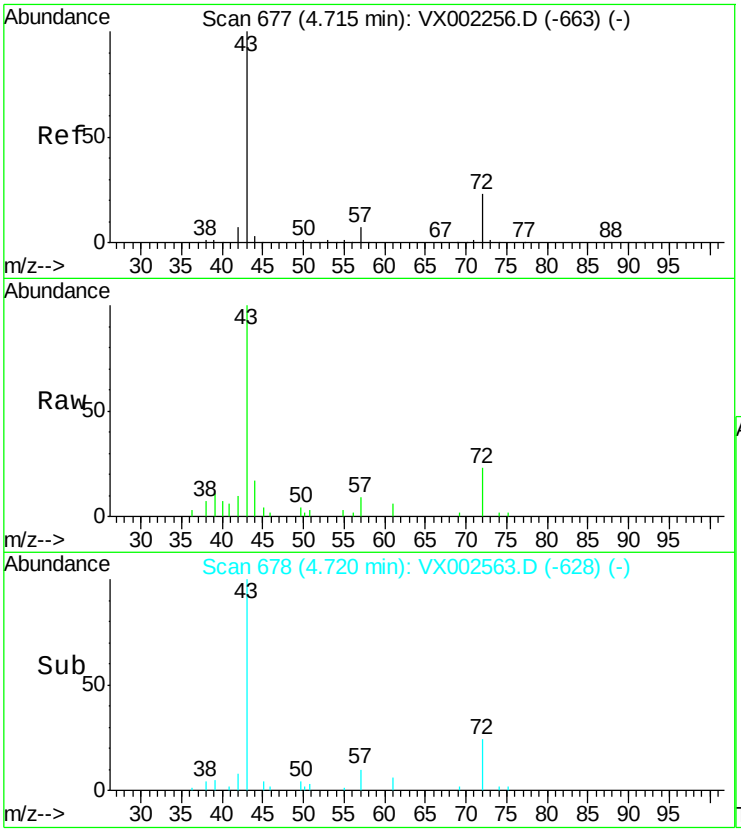


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 45 Resp: 247

Ion	Ratio	Lower	Upper
45	100		
43	170.7	46.8	70.2#
87	0.0	20.2	30.4#
59	63.0	8.7	13.1#



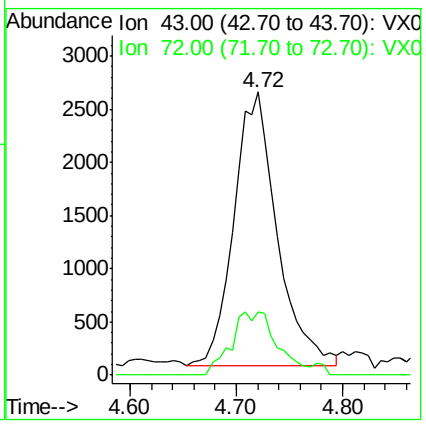


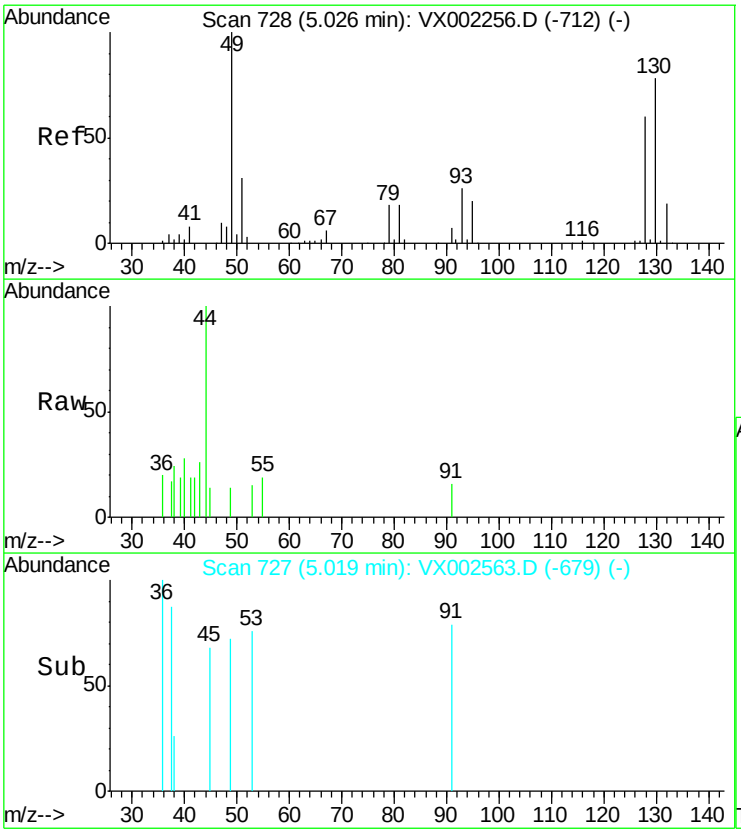
#25
2-Butanone
Concen: 3.12 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7304

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.5	27.7

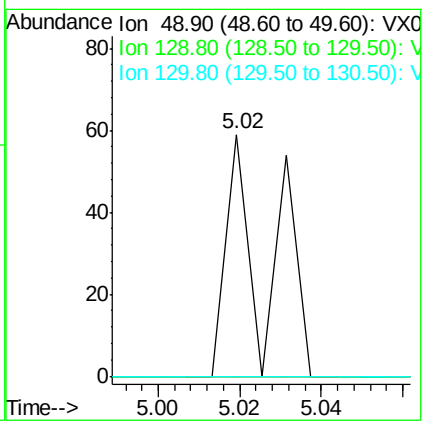


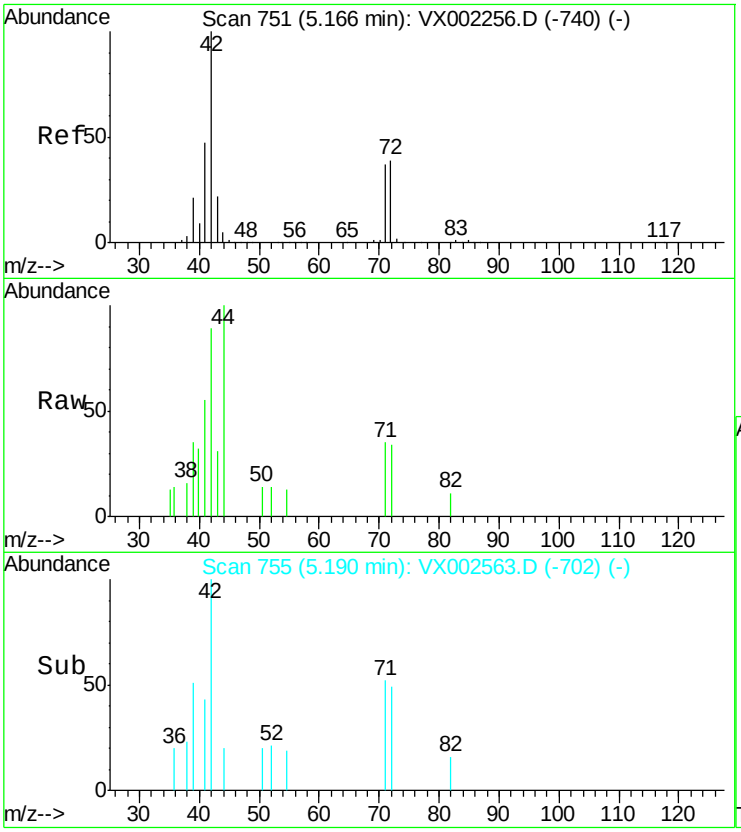


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 49 Resp: 41

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



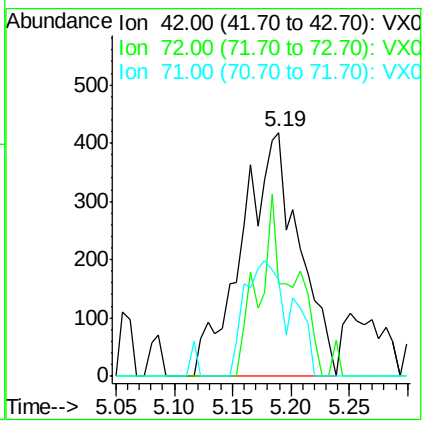


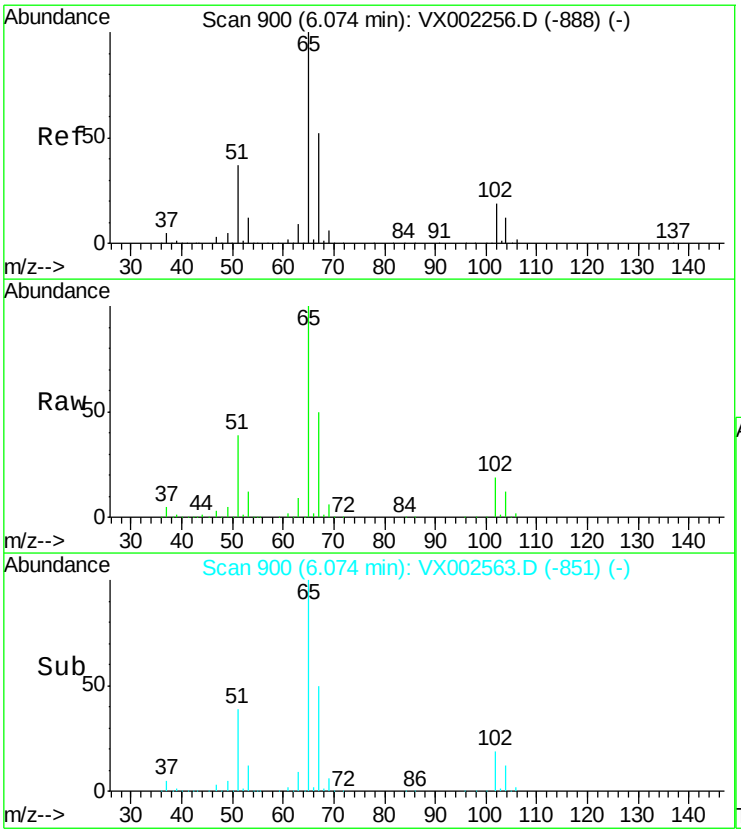
#29
Tetrahydrofuran
Concen: 0.95 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1427

Ion	Ratio	Lower	Upper
42	100		
72	33.5	32.0	48.0
71	30.1	30.1	45.1#

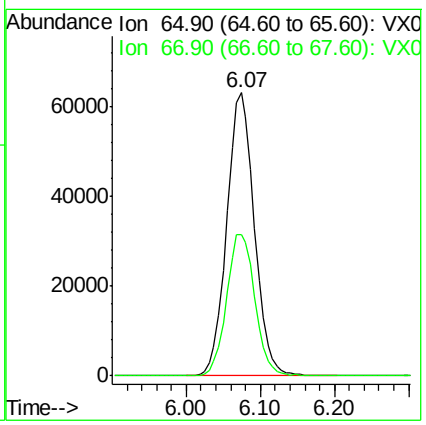


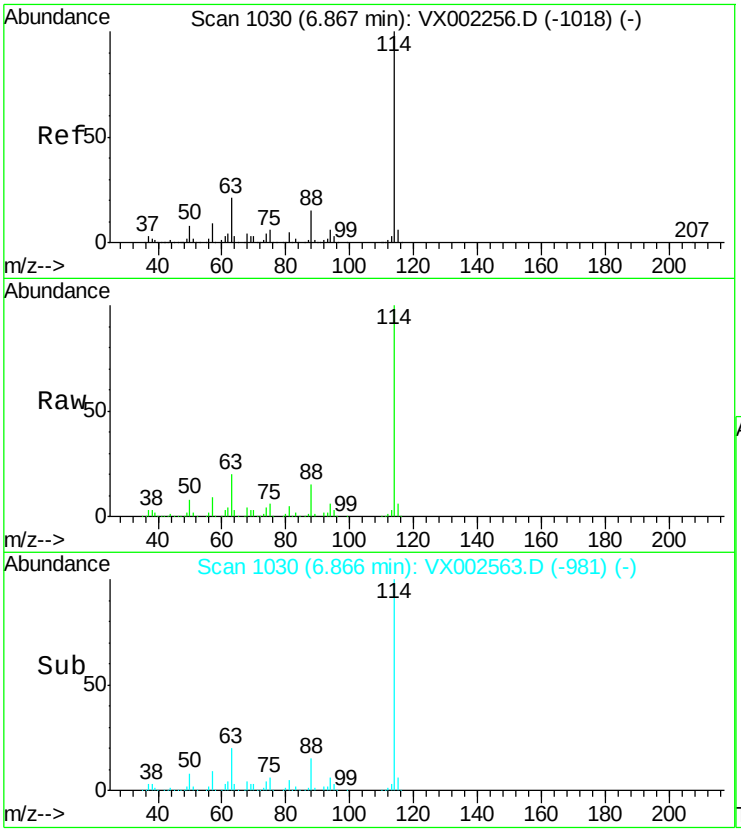


#33
1,2-Dichloroethane-d4
Concen: 47.91 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 65 Resp: 163889

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.6



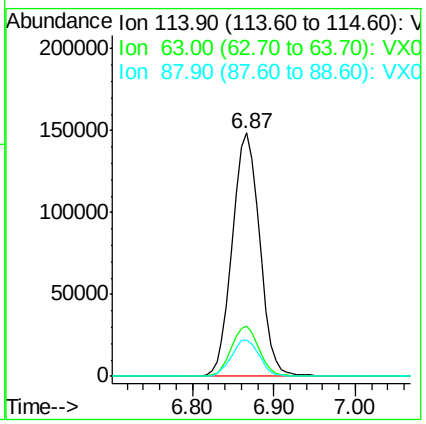


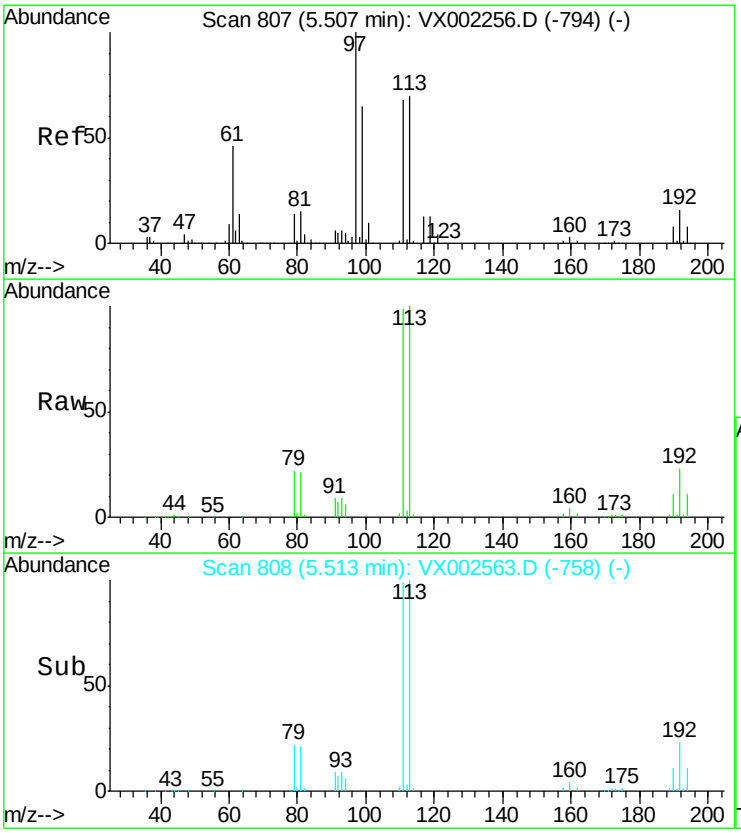
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 344875

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	14.8	0.0	30.0

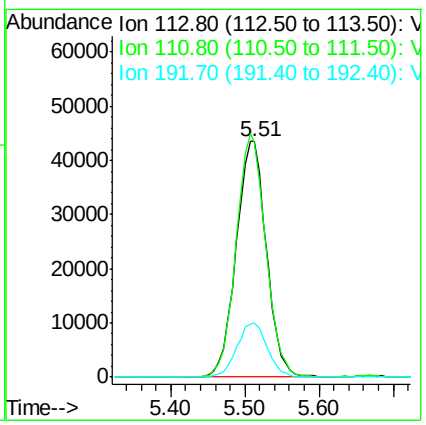


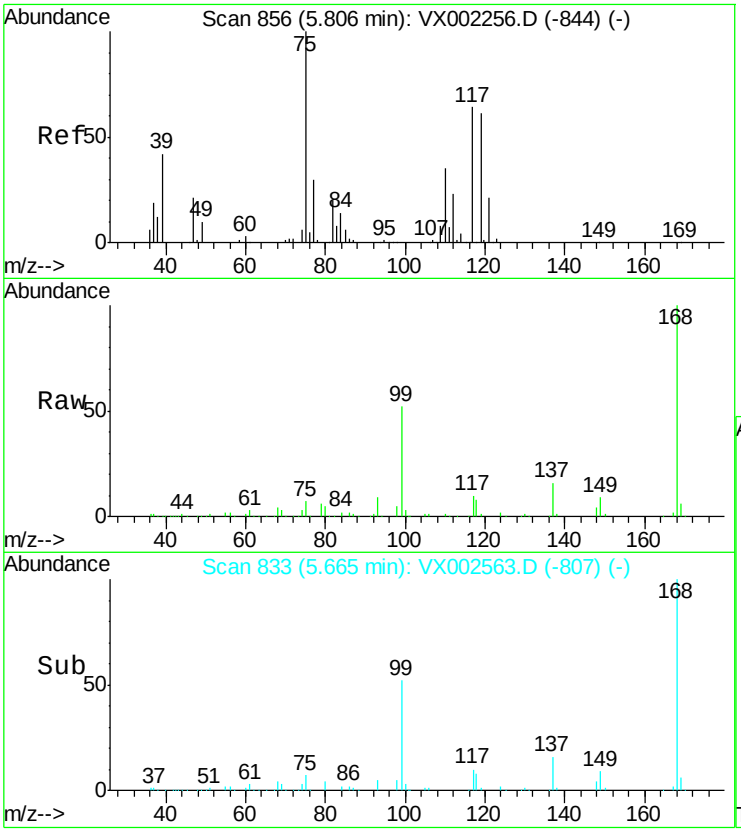


#35
Dibromofluoromethane
Concen: 45.71 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion:113 Resp: 123966

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.4	122.0
192	23.0	19.1	28.7



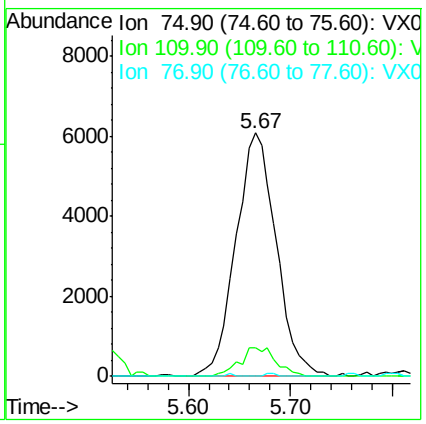


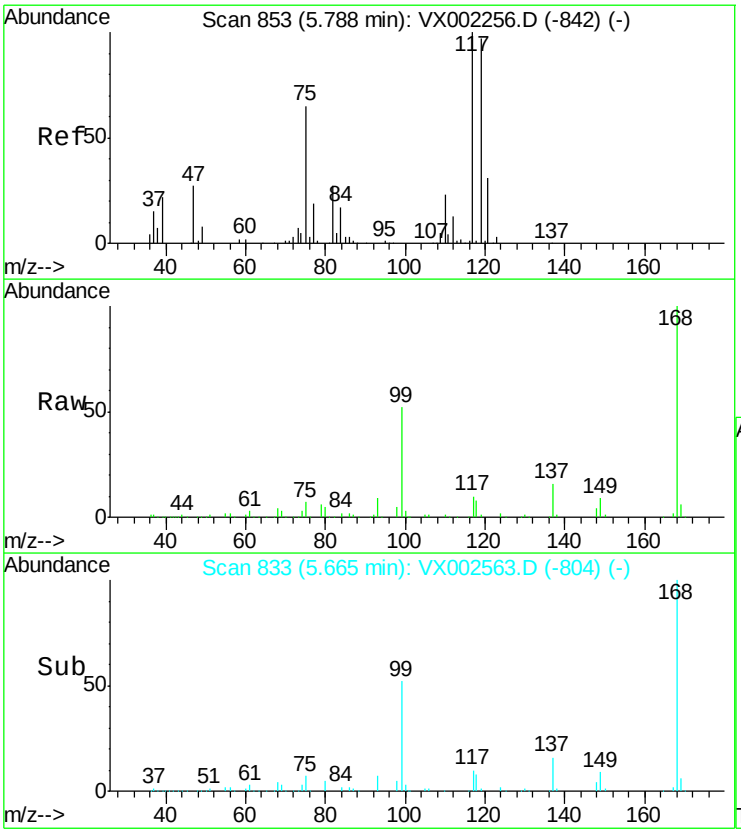
#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16694

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.4#
77	0.0	24.3	36.5#

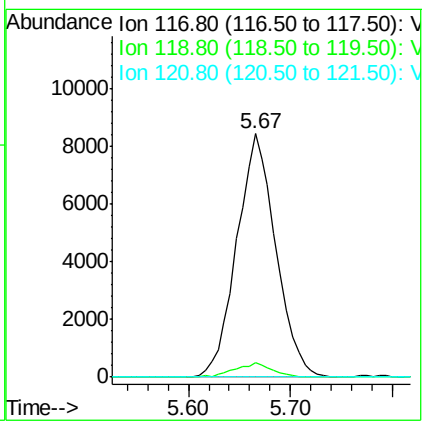


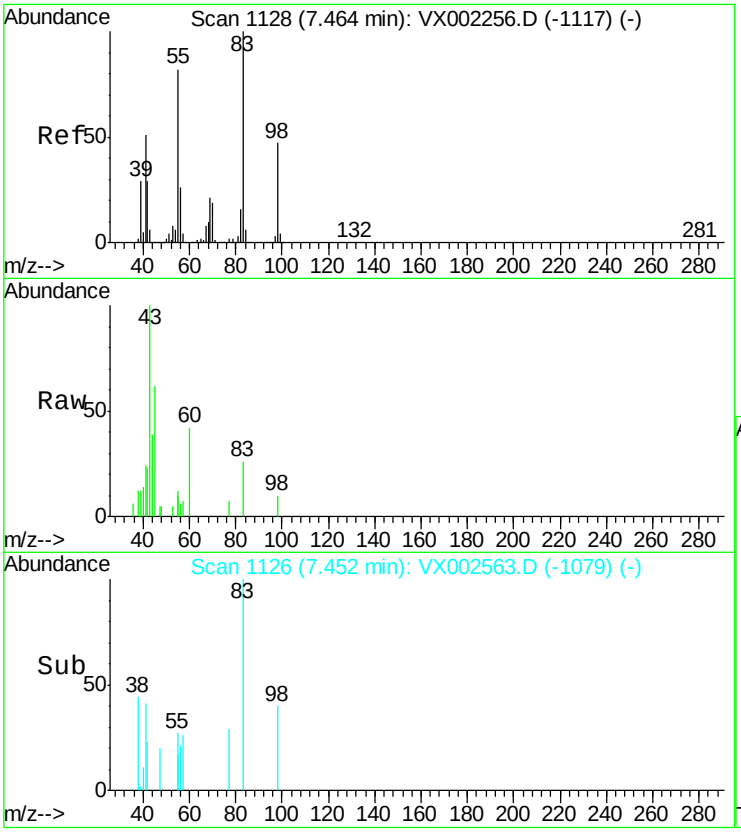


#38
Carbon Tetrachloride
Concen: 5.91 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion:117 Resp: 22415

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



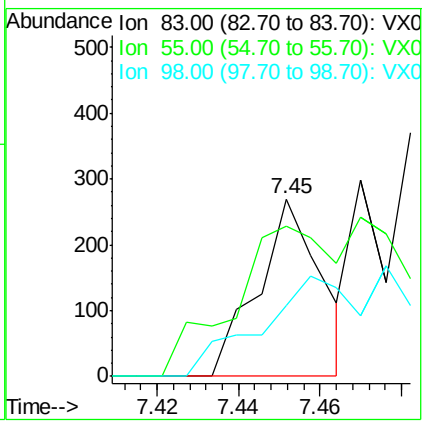


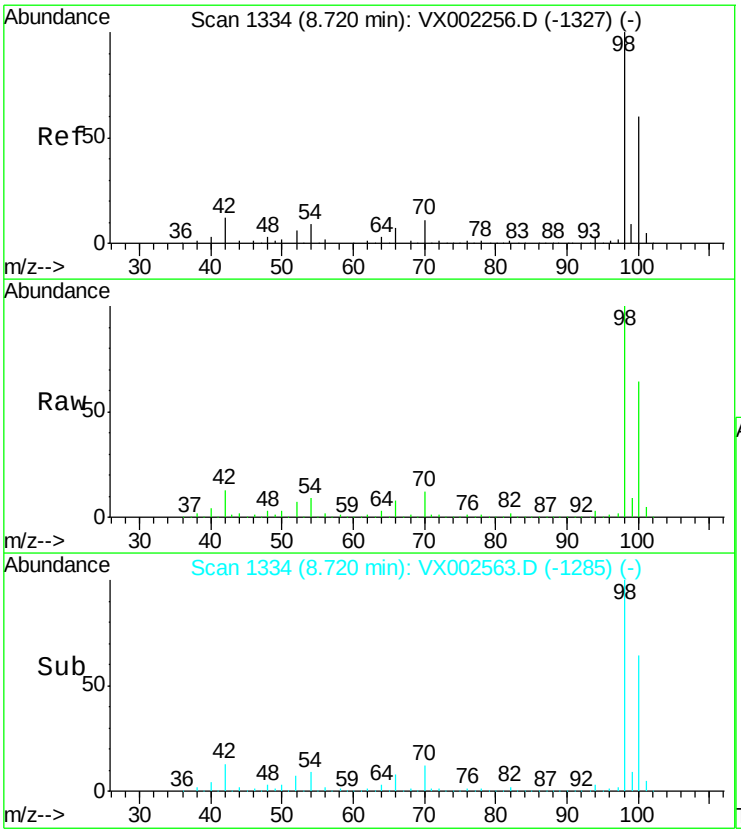
#39
Methylcyclohexane
Concen: 0.33 ug/l
RT: 7.45 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 289

Ion	Ratio	Lower	Upper
83	100		
55	54.4	65.4	98.0#
98	39.6	37.4	56.0

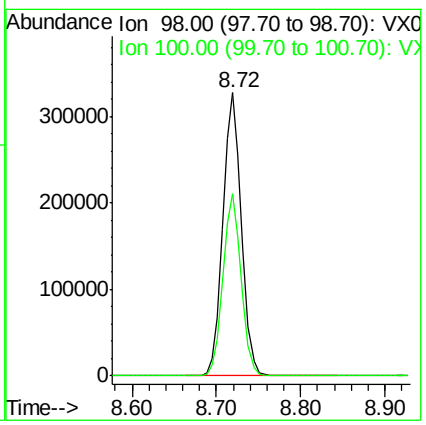


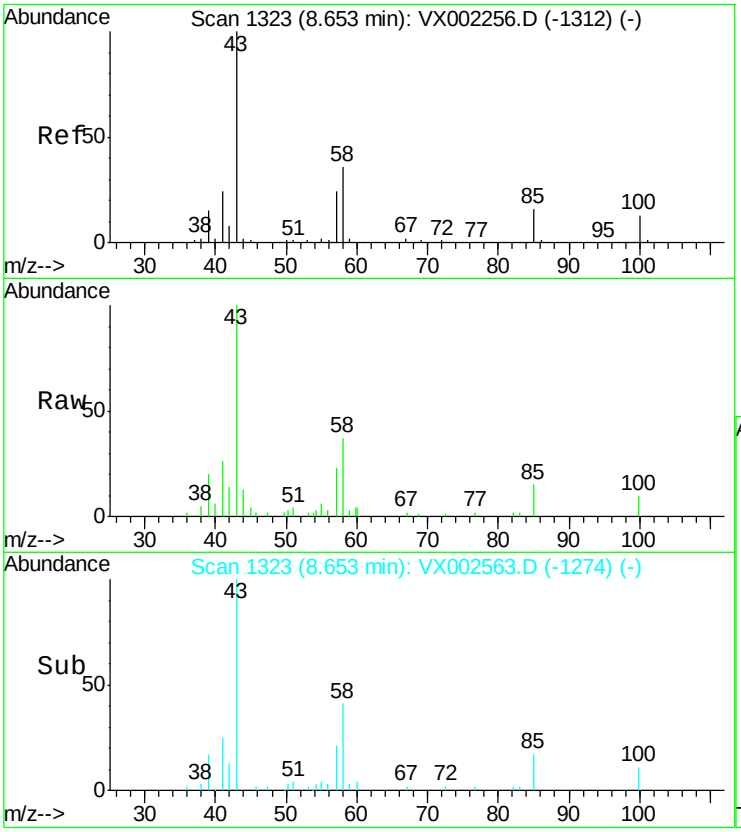


#50
Toluene-d8
Concen: 47.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 98 Resp: 493328

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



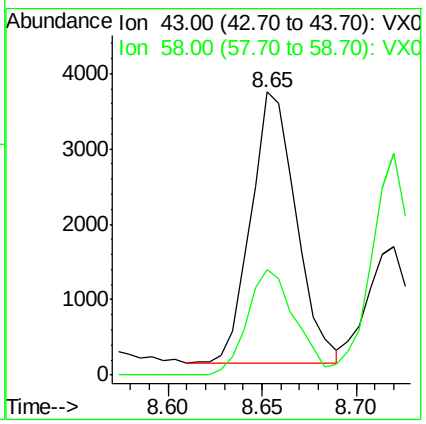


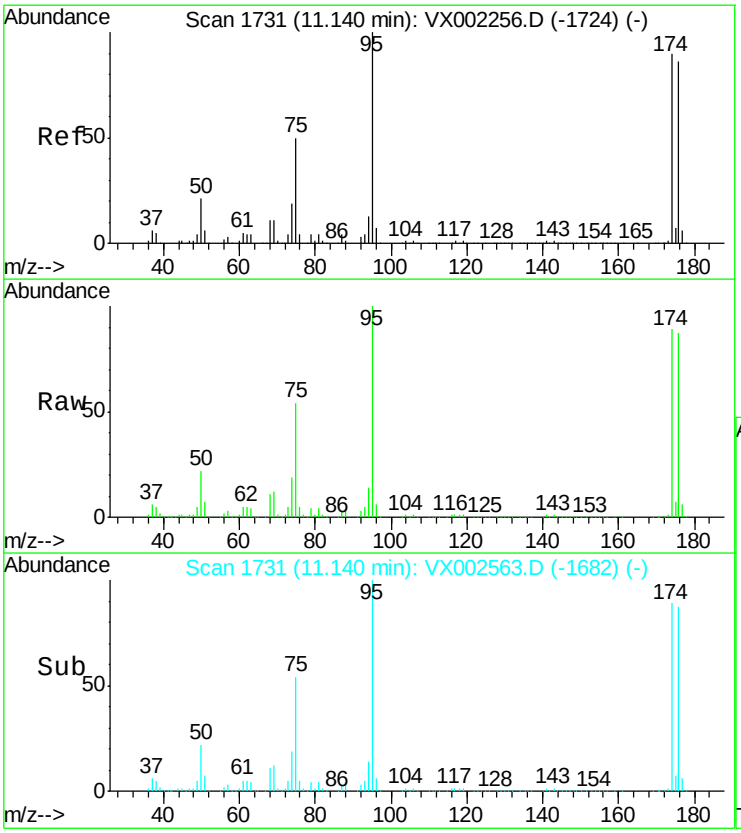
#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5962

Ion	Ratio	Lower	Upper
43	100		
58	41.0	28.6	42.8

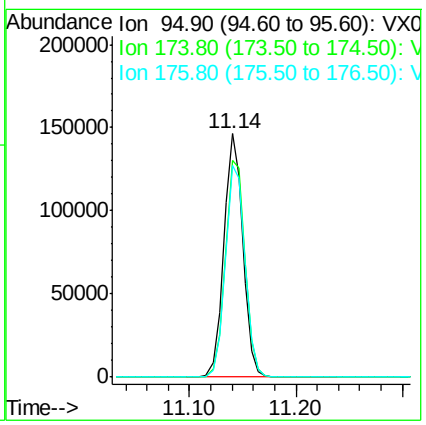


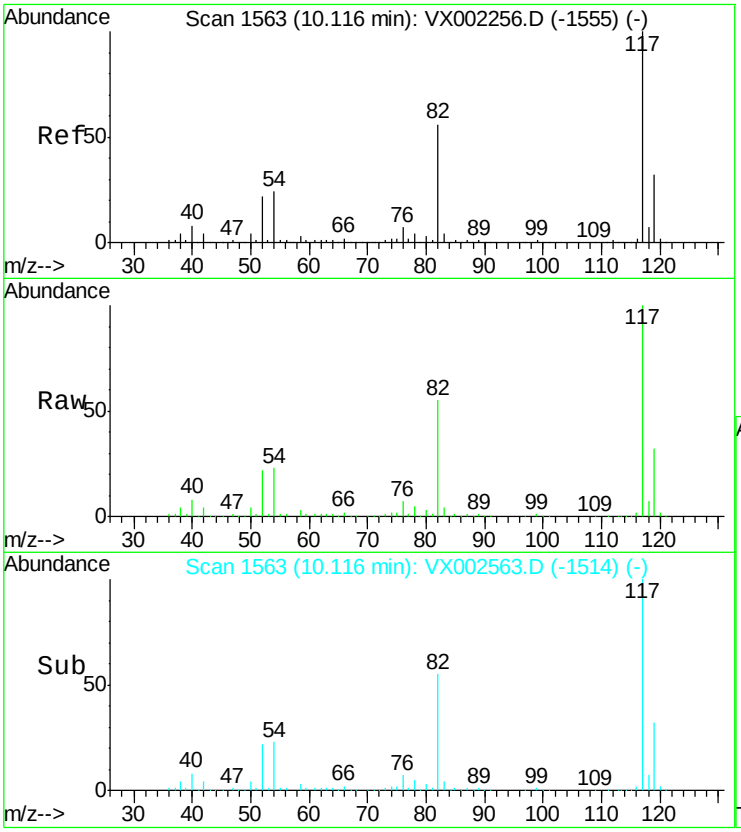


#62
4-Bromofluorobenzene
Concen: 45.59 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 95 Resp: 182758

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	187.4
176	89.9	0.0	181.0



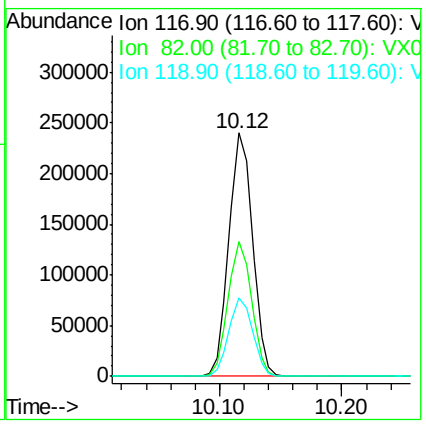


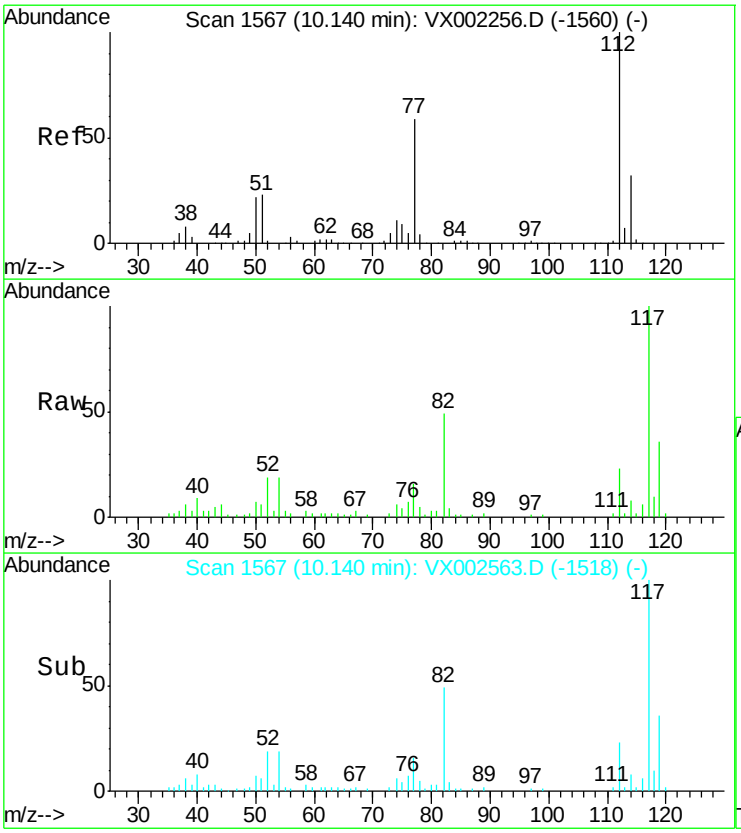
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 321899

Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.1	25.8	38.6

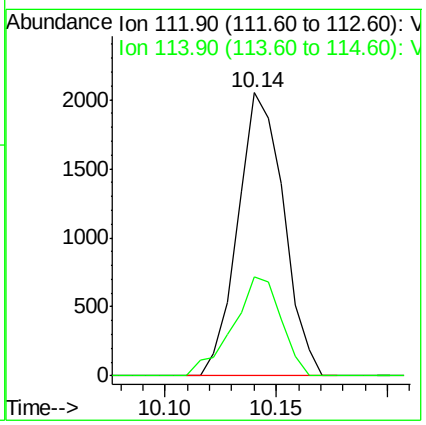


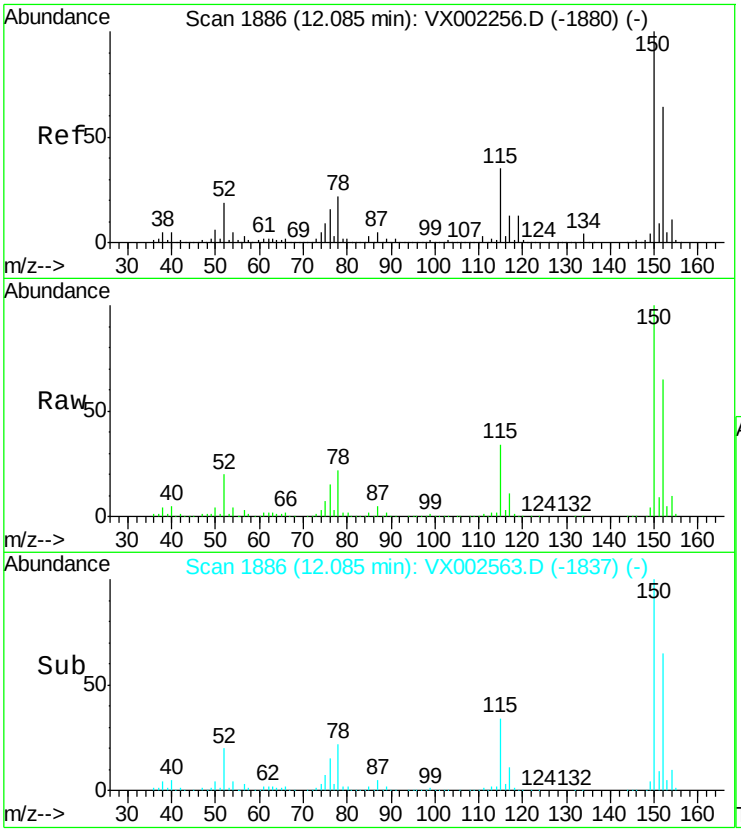


#65
Chlorobenzene
Concen: 0.37 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion:112 Resp: 2939

Ion	Ratio	Lower	Upper
112	100		
114	34.9	25.3	37.9



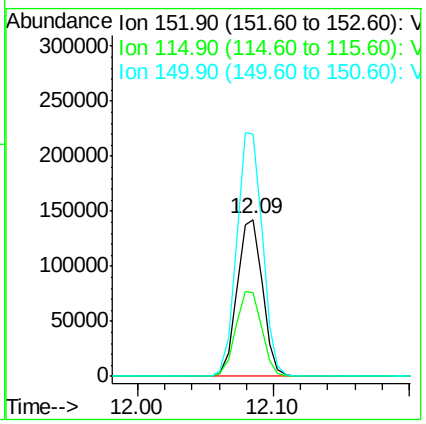


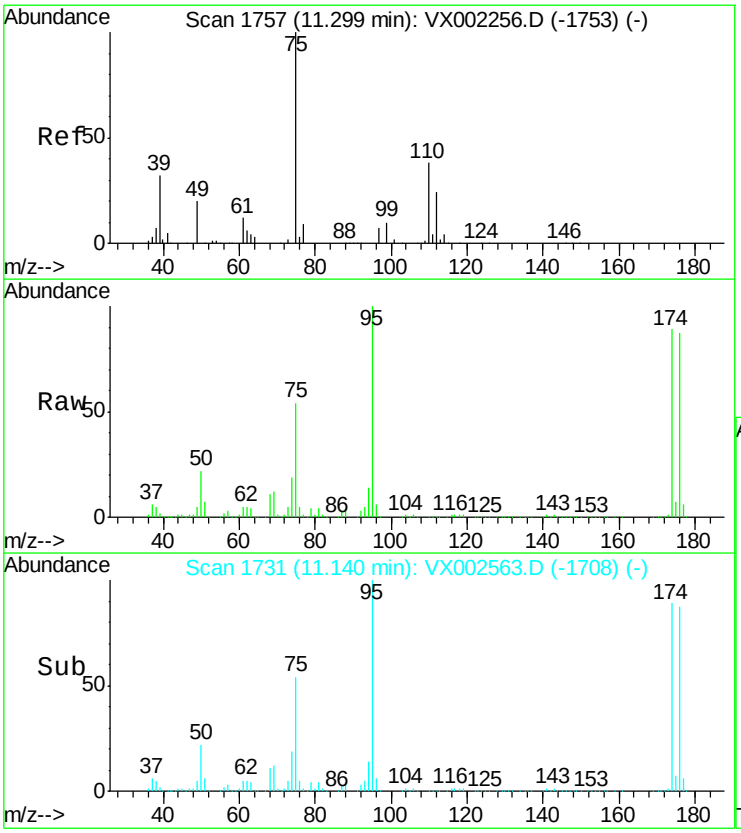
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 184874

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.1	120.2
150	157.3	0.0	347.2

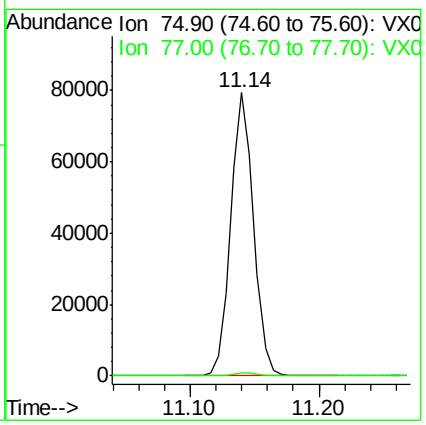


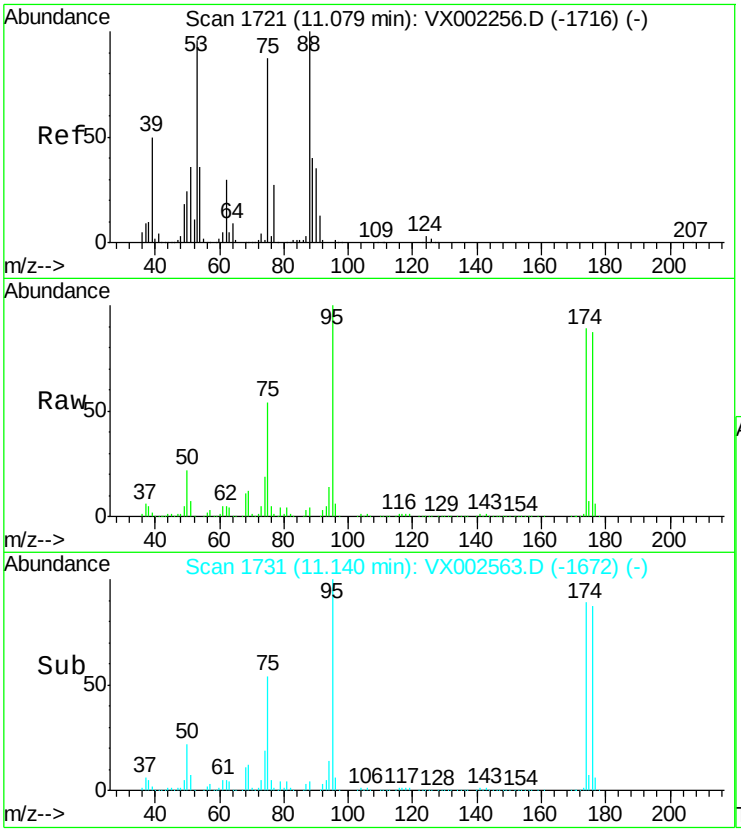


#76
1,2,3-Trichloropropane
Concen: 24.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion: 75 Resp: 98089

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



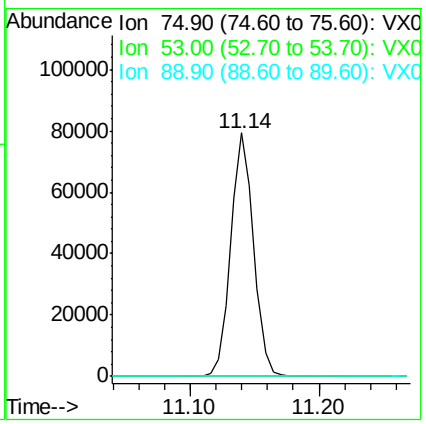


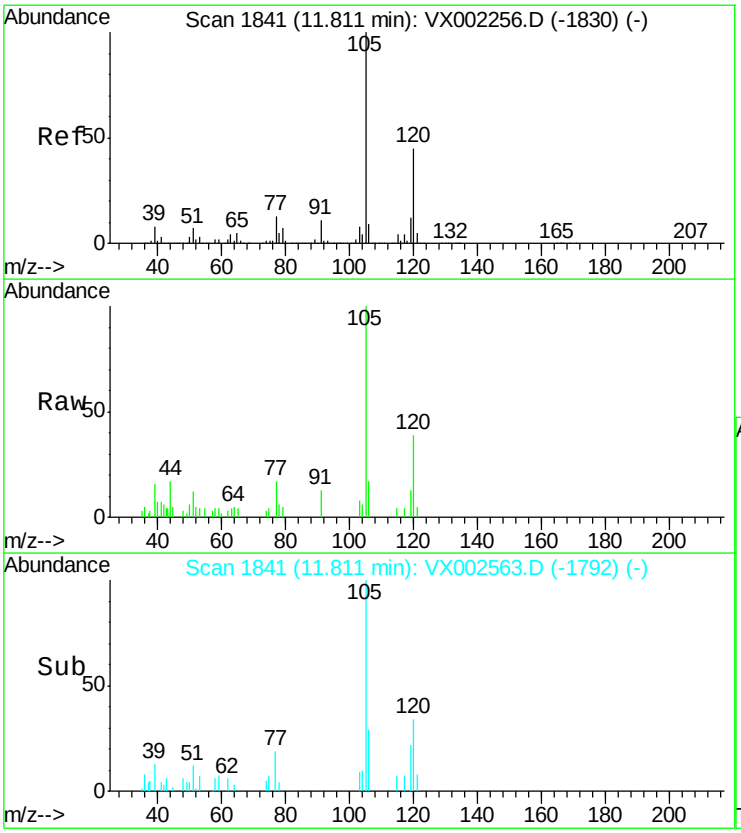
#81
trans-1,4-Dichloro-2-butene
Concen: 84.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 98089

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





#84
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002563.D
Acq: 14 Jun 2018 20:19

Tgt Ion:105 Resp: 2953

Ion	Ratio	Lower	Upper
105	100		
120	35.9	22.3	66.8