Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061318\
Data File : VX002504.D
Acq On : 13 Jun 2018 12:10
Operator : JC/MD
Sample : PB110148ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:42:55 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	222912	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	325559	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	305986	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175117	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	159150	49.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.84%				
35) Dibromofluoromethane	5.51	113	119752	46.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.54%				
50) Toluene-d8	8.72	98	475787	48.48	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.96%				
62) 4-Bromofluorobenzene	11.14	95	165753	43.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.60%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	440	Below Cal			97
5) Bromomethane	1.62	94	26	Below Cal	#		3
8) Diethyl Ether	2.18	74	27	Below Cal	#		1
10) Methyl Iodide	2.53	142	1653	0.49	ug/l	#	45
11) Tert butyl alcohol	3.03	59	1554	Below Cal	#		73
13) Acrolein	2.31	56	319	Below Cal	#		36
15) Acrylonitrile	3.15	53	642	Below Cal	#		70
16) Acetone	2.45	43	20323	Below Cal			98
18) Methyl Acetate	2.78	43	20542	3.95	ug/l		97
19) Methyl tert-butyl Ether	3.16	73	44	Below Cal	#		76
20) Methylene Chloride	2.87	84	5095	Below Cal			90
22) Diisopropyl ether	3.86	45	361	Below Cal	#		62
25) 2-Butanone	4.71	43	5401	2.47	ug/l		94
28) Bromochloromethane	5.04	49	71	Below Cal	#		13
29) Tetrahydrofuran	5.18	42	1501	1.07	ug/l	#	87
31) Cyclohexane	5.67	56	4869	1.21	ug/l	#	8
36) 1,1-Dichloropropene	5.67	75	16425	4.80	ug/l	#	41
38) Carbon Tetrachloride	5.67	117	21426	5.98	ug/l	#	15
39) Methylcyclohexane	7.48	83	74	0.28	ug/l	#	36
51) 4-Methyl-2-Pentanone	8.65	43	2372	0.54	ug/l		96
65) Chlorobenzene	10.14	112	5744	0.75	ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	90164	23.46	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	90164	82.25	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.99	75	345	0.41	ug/l	#	1

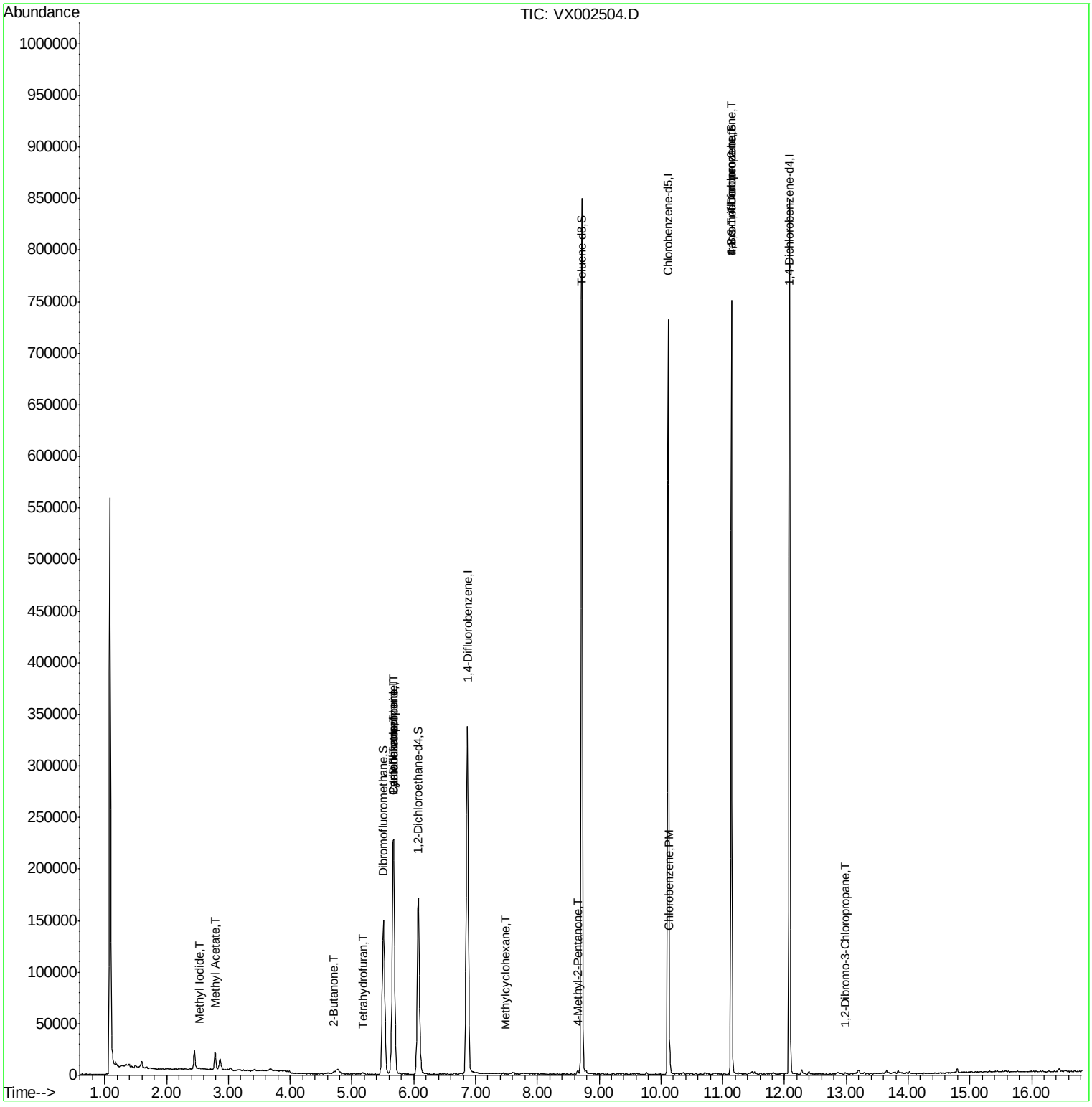
(#) = qualifier out of range (m) = manual integration (+) = signals summed

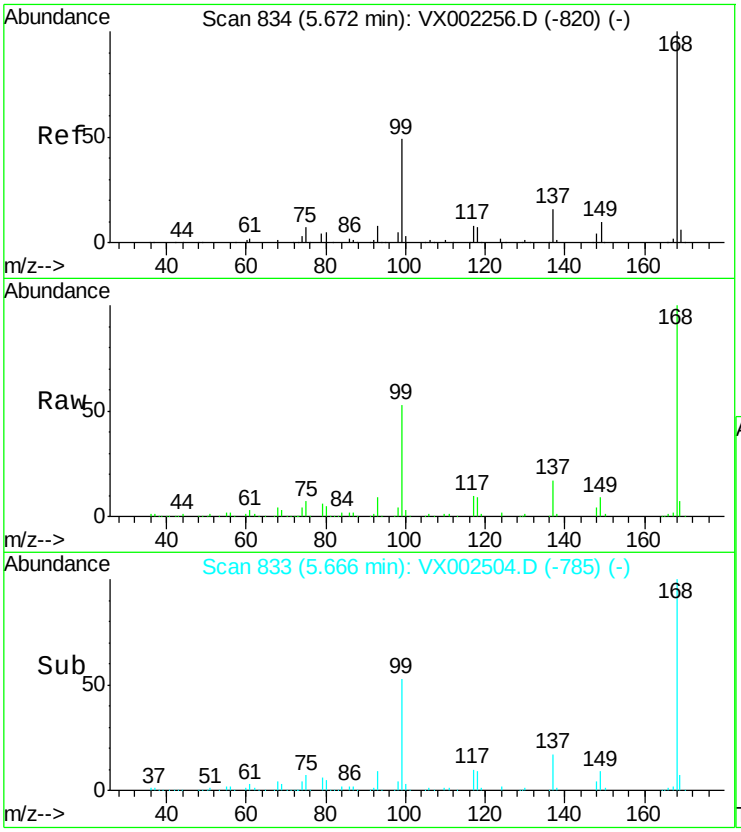
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002504.D
Acq On : 13 Jun 2018 12:10
Operator : JC/MD
Sample : PB110148ZHE#11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 14 01:42:55 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



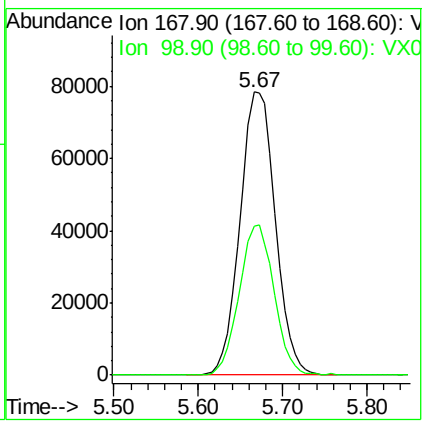


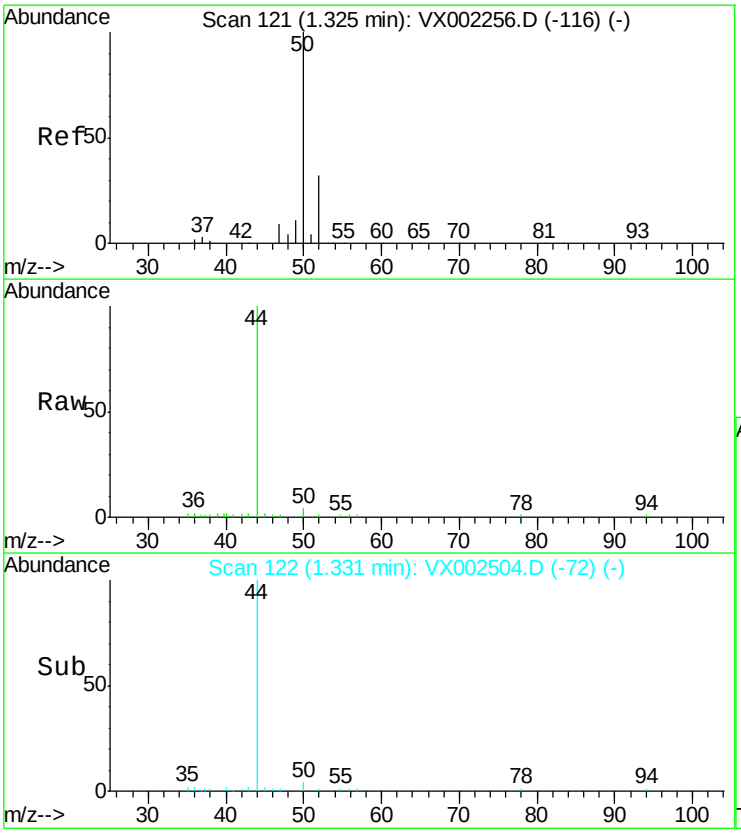
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 222912

Ion	Ratio	Lower	Upper
168	100		
99	52.7	39.3	58.9

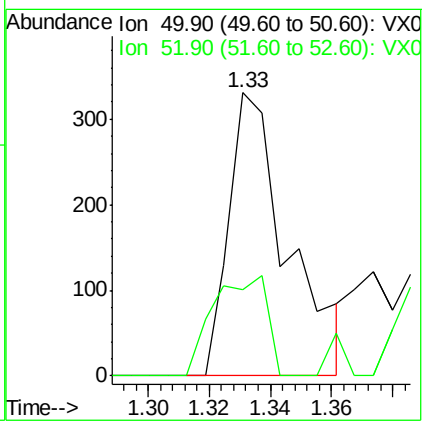


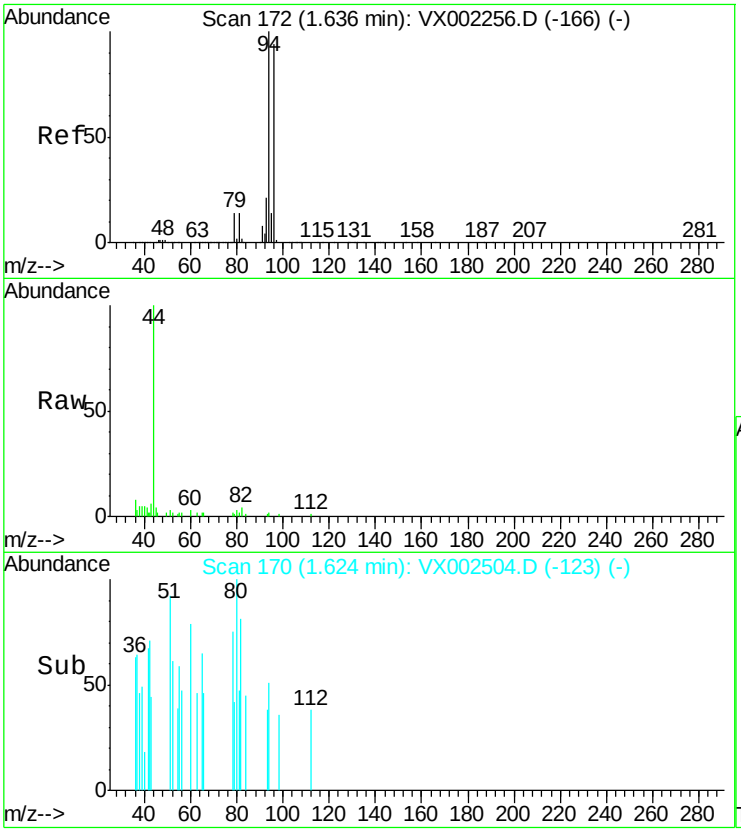


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 50 Resp: 440

Ion	Ratio	Lower	Upper
50	100		
52	30.5	25.7	38.5



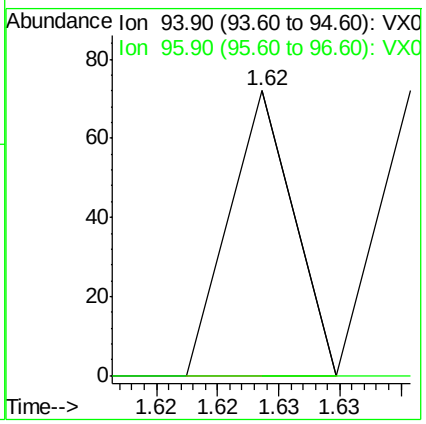


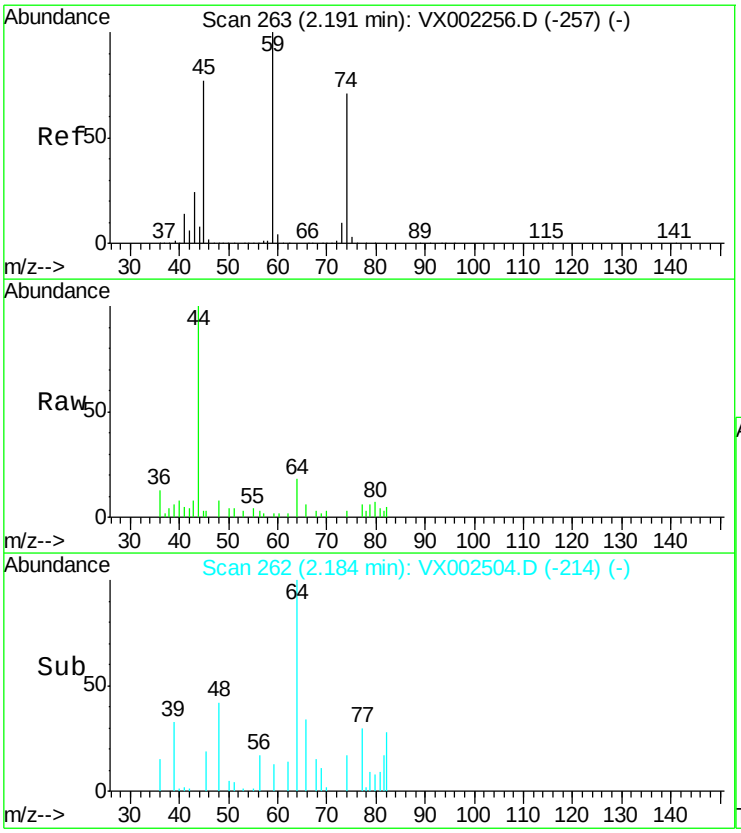
#5
Bromomethane
Concen: Below Cal
RT: 1.62 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 26

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.9	112.3#

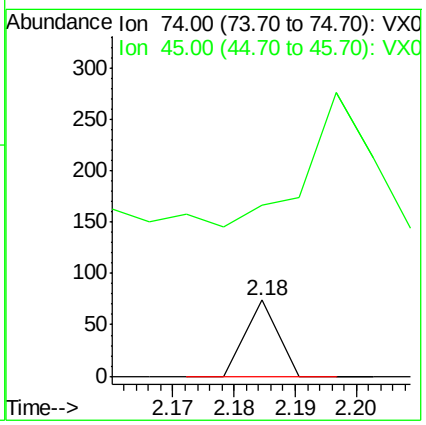


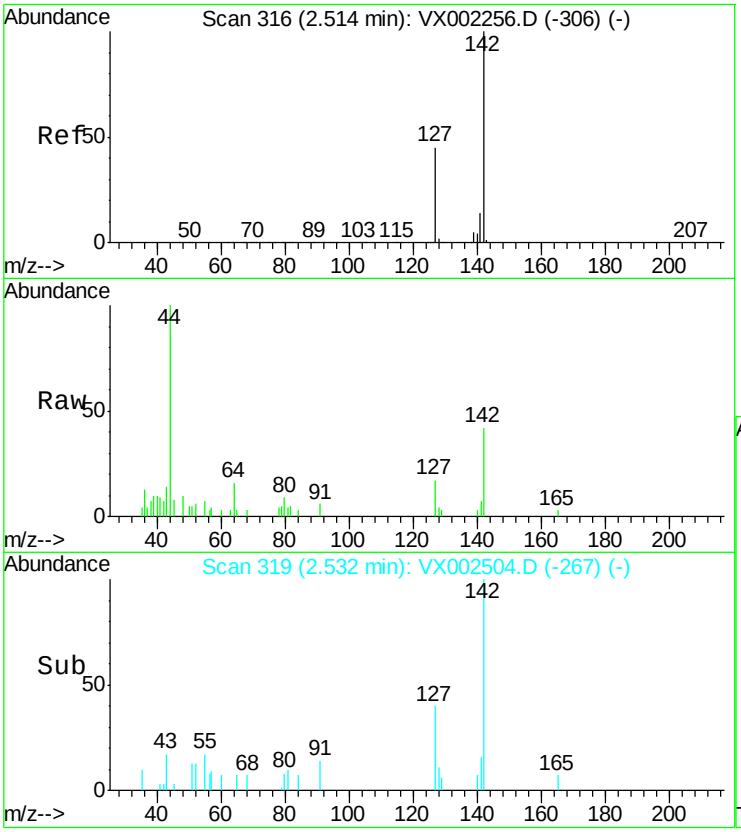


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 74 Resp: 27

Ion	Ratio	Lower	Upper
74	100		
45	737.0	53.1	159.4#



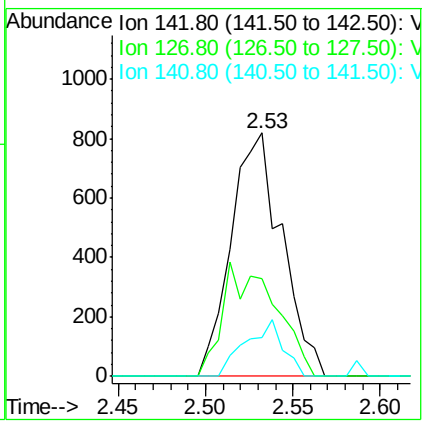


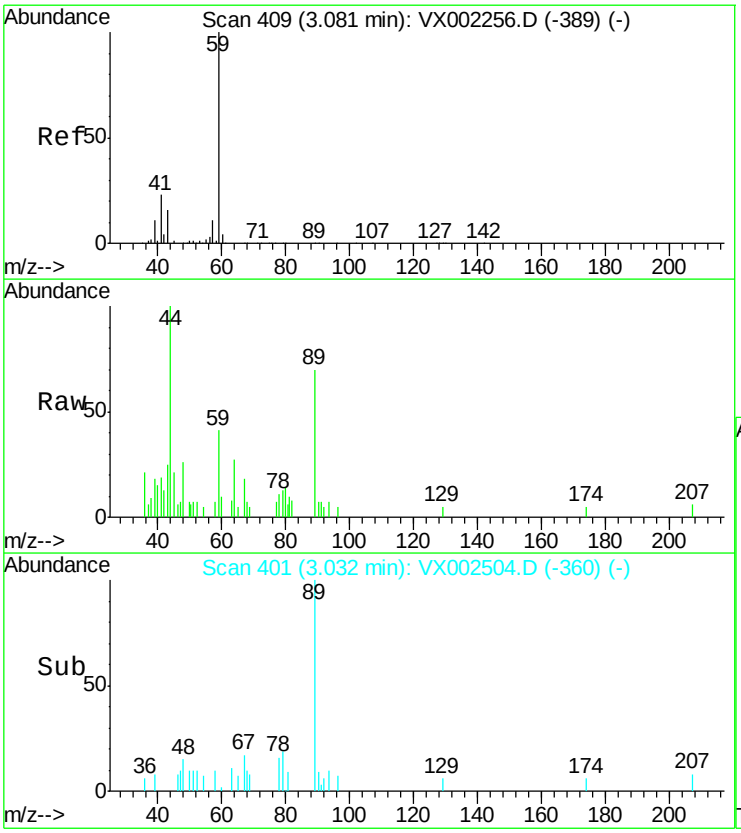
#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.53 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1653

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.6	55.0#
141	17.0	11.3	16.9#

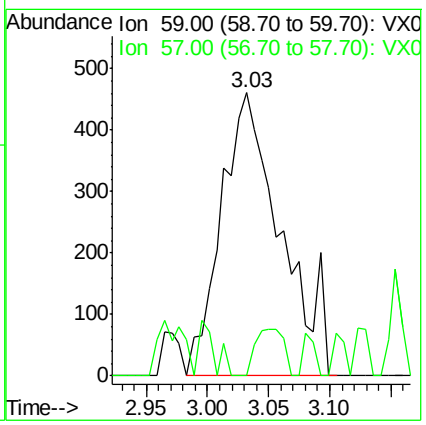


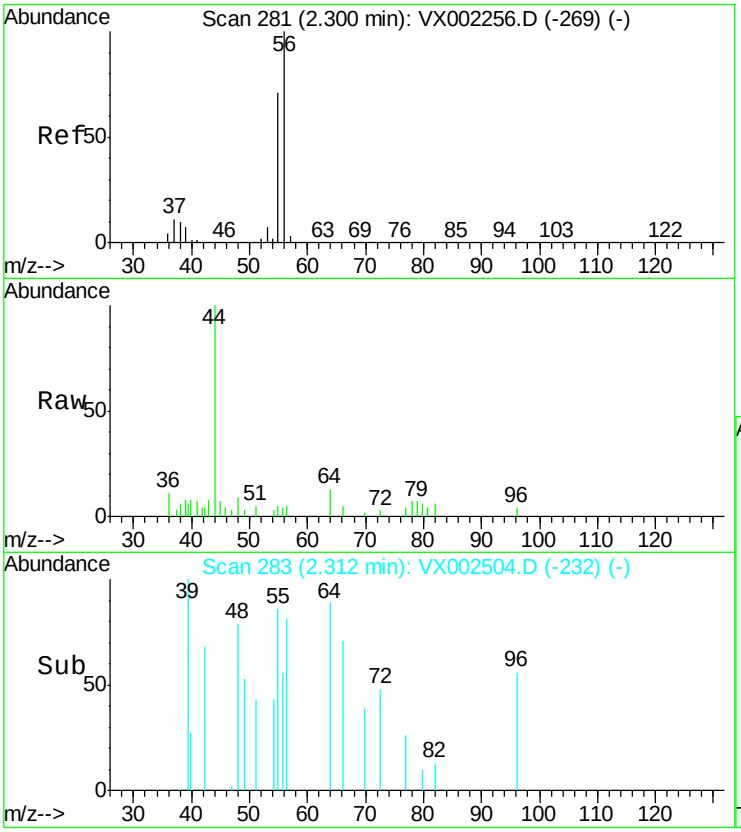


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 59 Resp: 1554

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



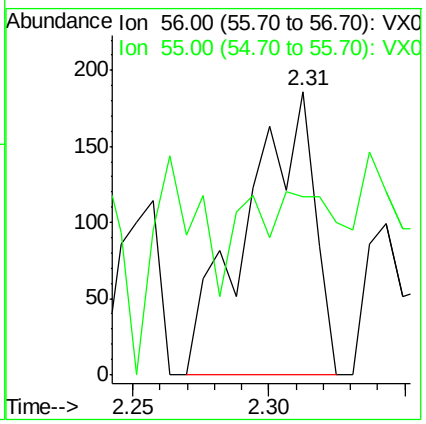


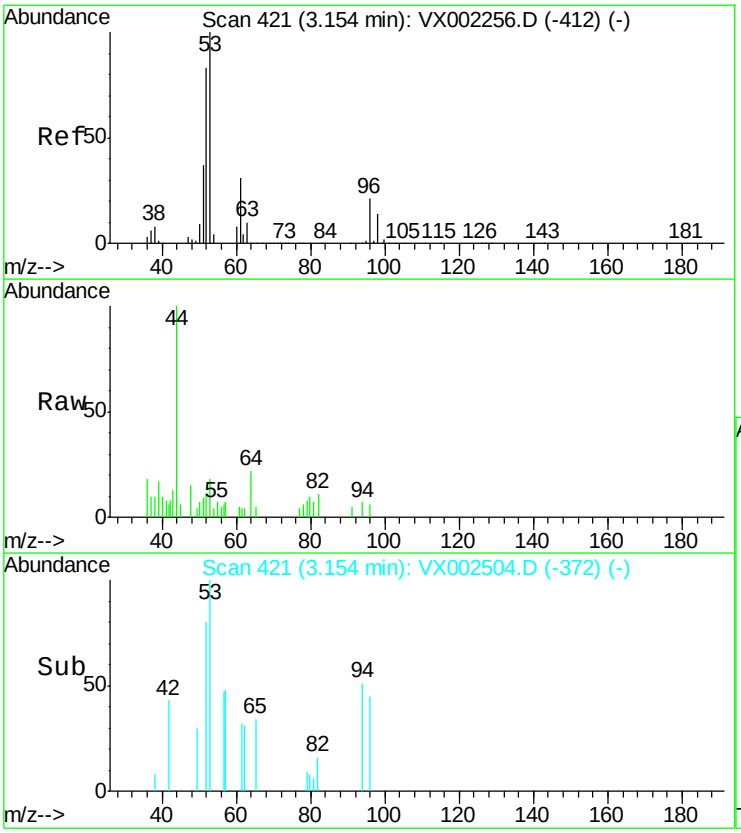
#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 319

Ion	Ratio	Lower	Upper
56	100		
55	18.5	57.0	85.4#

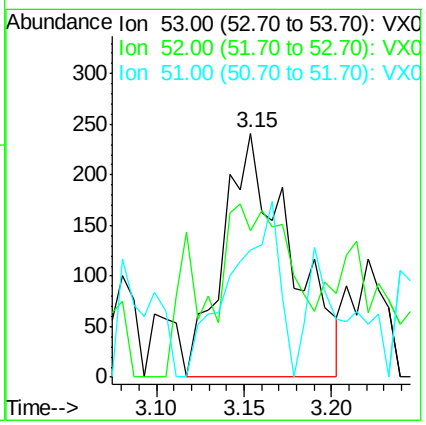


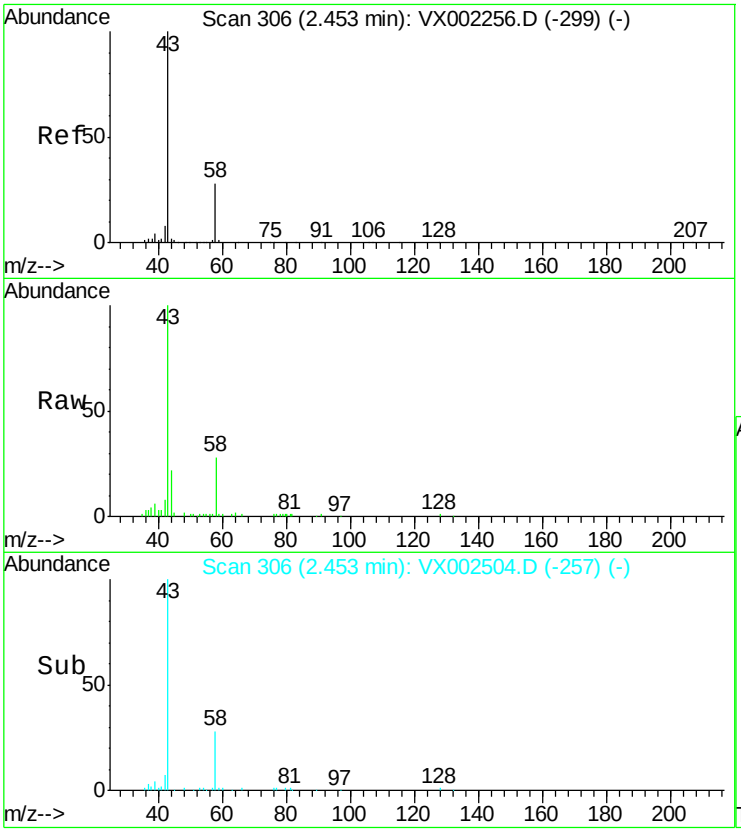


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 53 Resp: 642

Ion	Ratio	Lower	Upper
53	100		
52	53.7	66.7	100.1#
51	51.6	29.9	44.9#



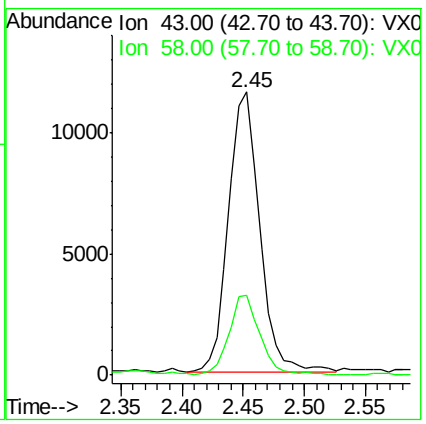


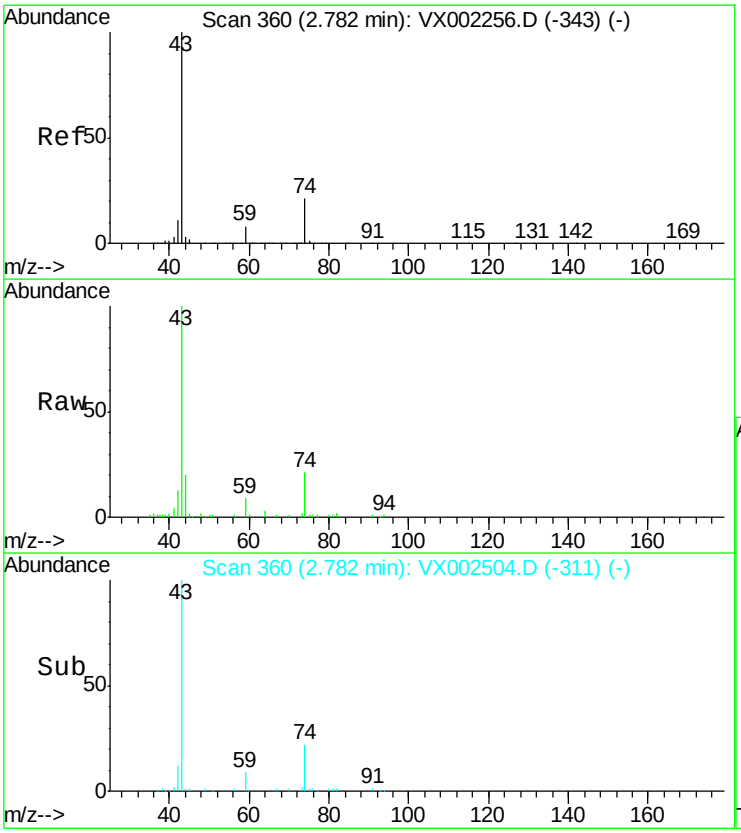
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 20323

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1

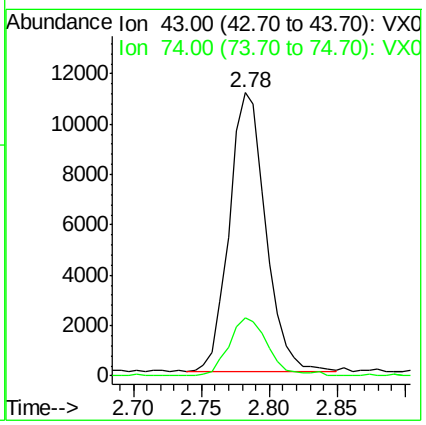


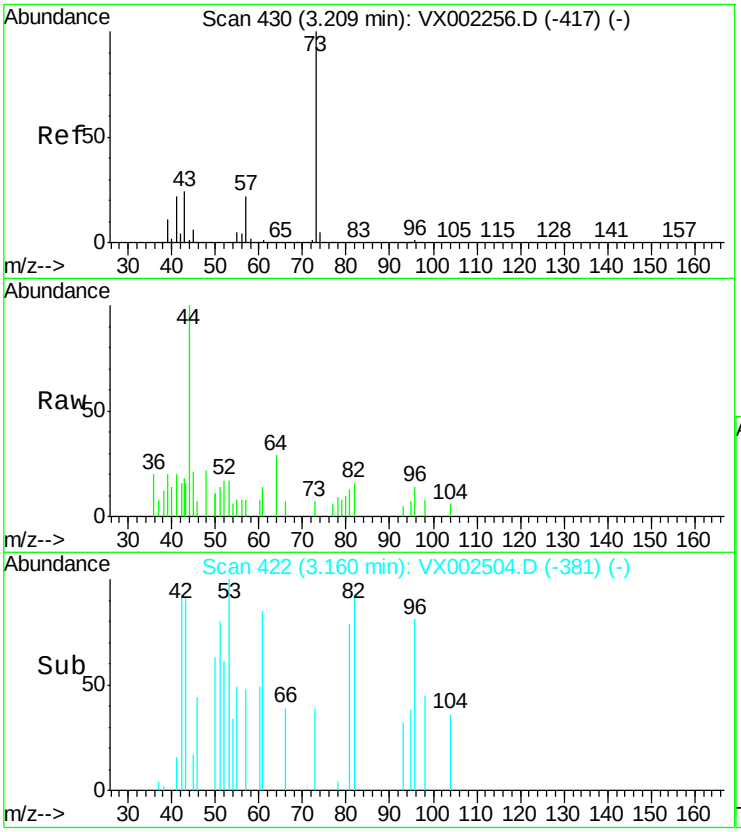


#18
Methyl Acetate
Concen: 3.95 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 43 Resp: 20542

Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1



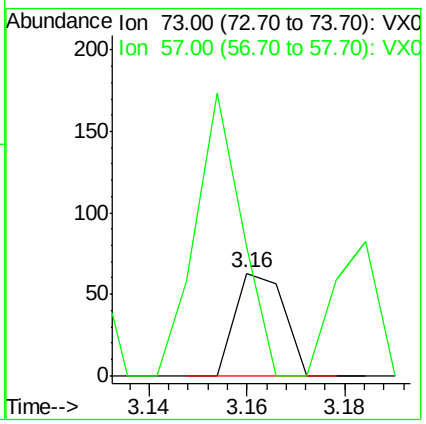


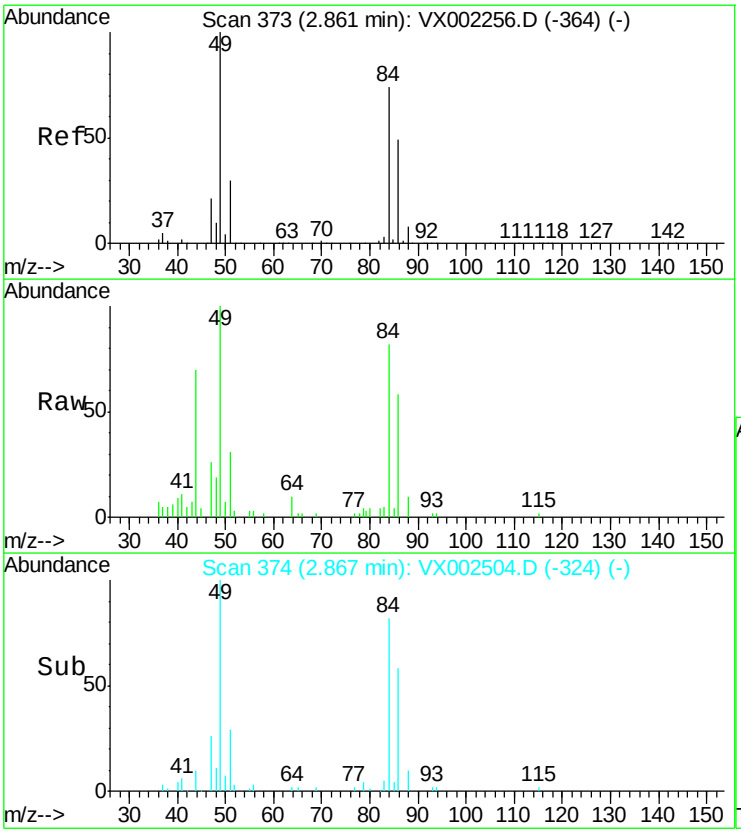
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.05 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 44

Ion	Ratio	Lower	Upper
73	100		
57	33.3	17.7	26.5#

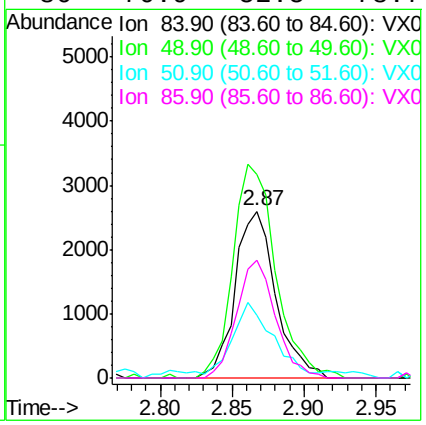


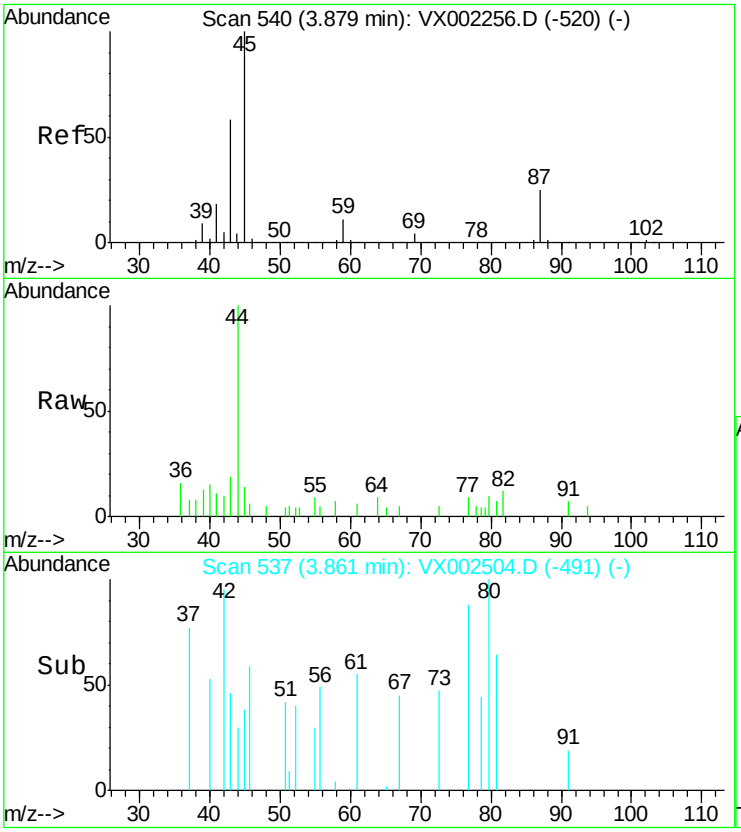


#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 84 Resp: 5095

Ion	Ratio	Lower	Upper
84	100		
49	122.0	107.8	161.6
51	34.6	32.8	49.2
86	70.9	52.5	78.7



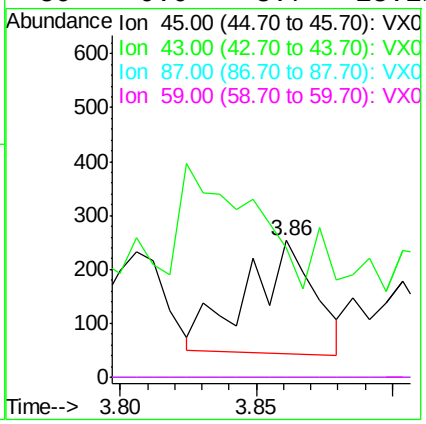


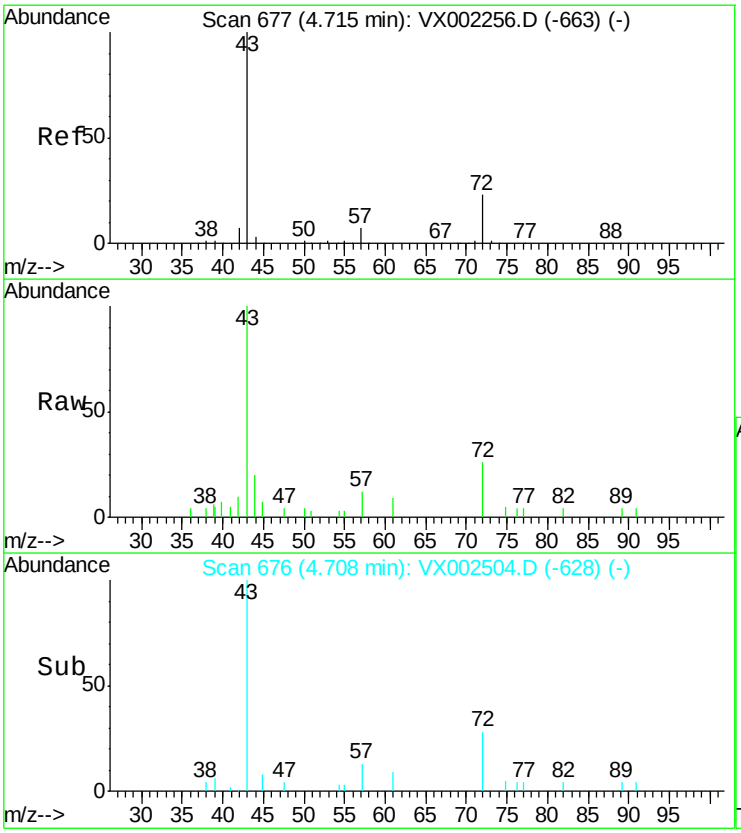
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.86 min Scan# 537
Delta R.T. -0.02 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 361

Ion	Ratio	Lower	Upper
45	100		
43	32.6	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

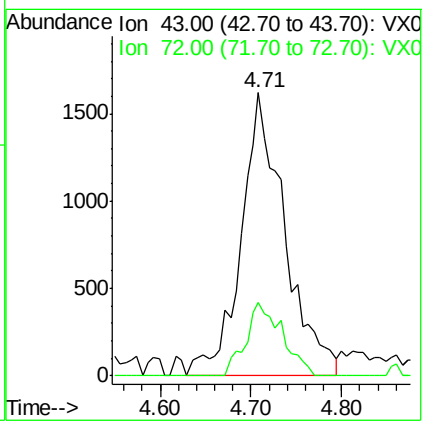


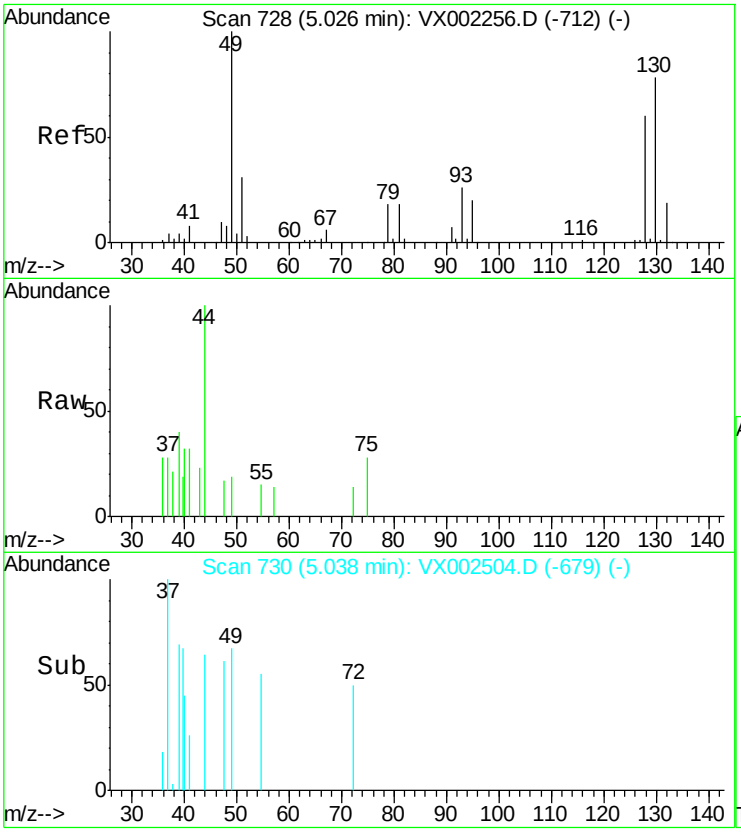


#25
2-Butanone
Concen: 2.47 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 43 Resp: 5401

Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.5	27.7



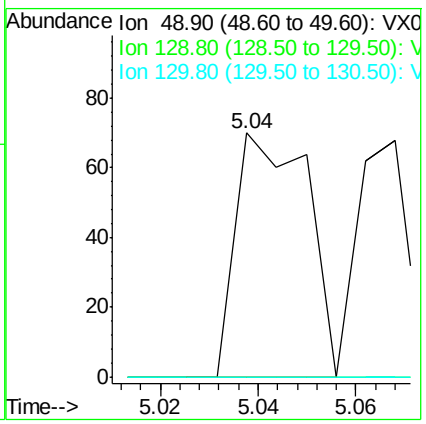


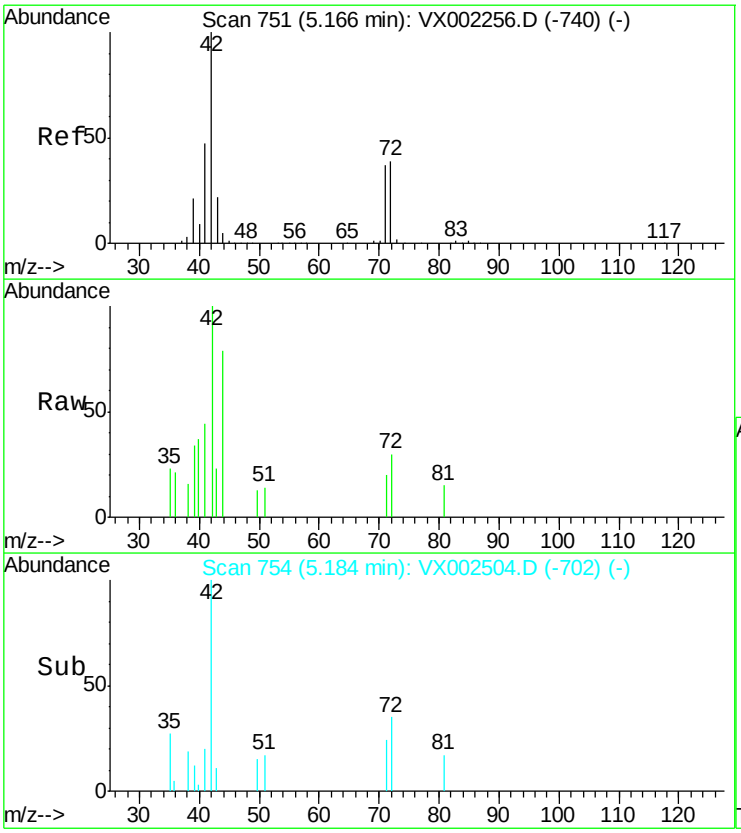
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 71

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

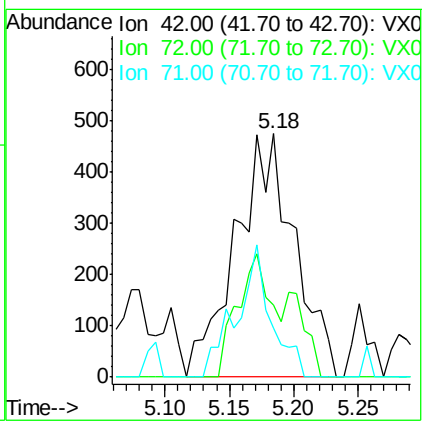


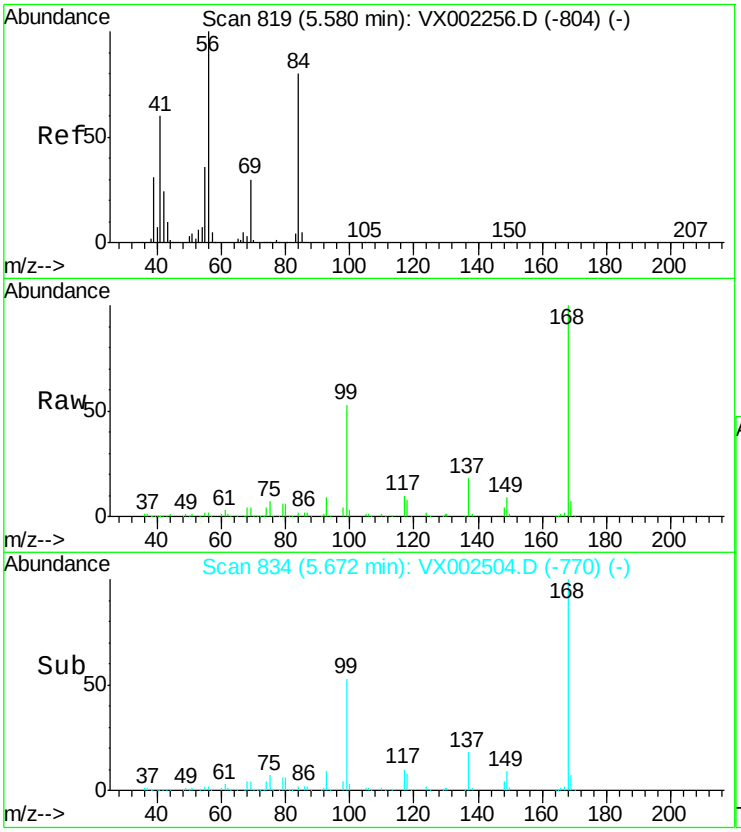


#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.02 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 42 Resp: 1501

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



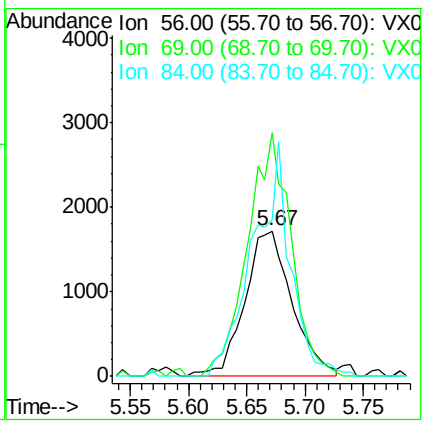


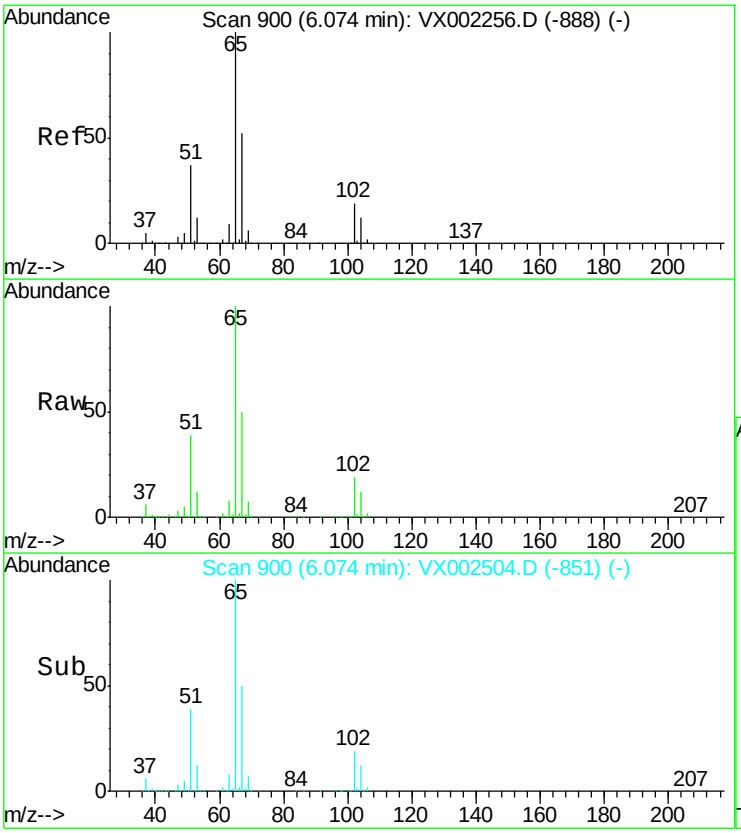
#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4869

Ion	Ratio	Lower	Upper
56	100		
69	167.7	23.7	35.5#
84	108.3	64.1	96.1#

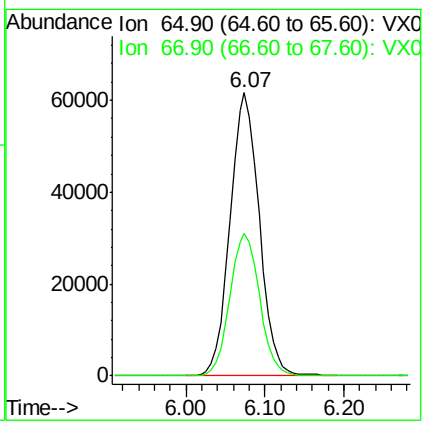


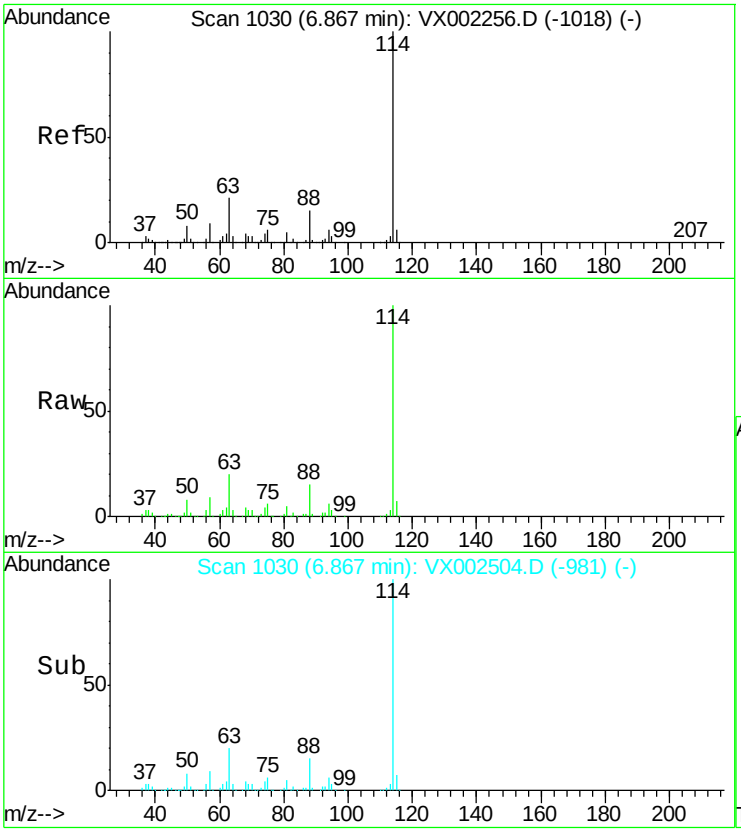


#33
1,2-Dichloroethane-d4
Concen: 49.92 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 65 Resp: 159150

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6



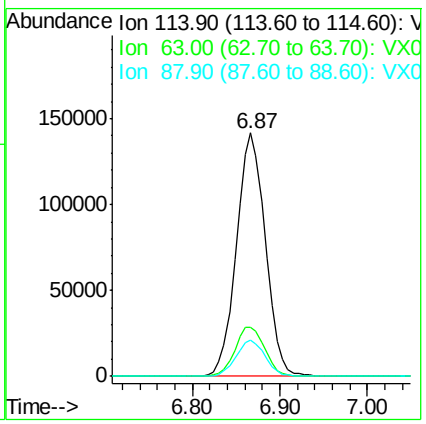


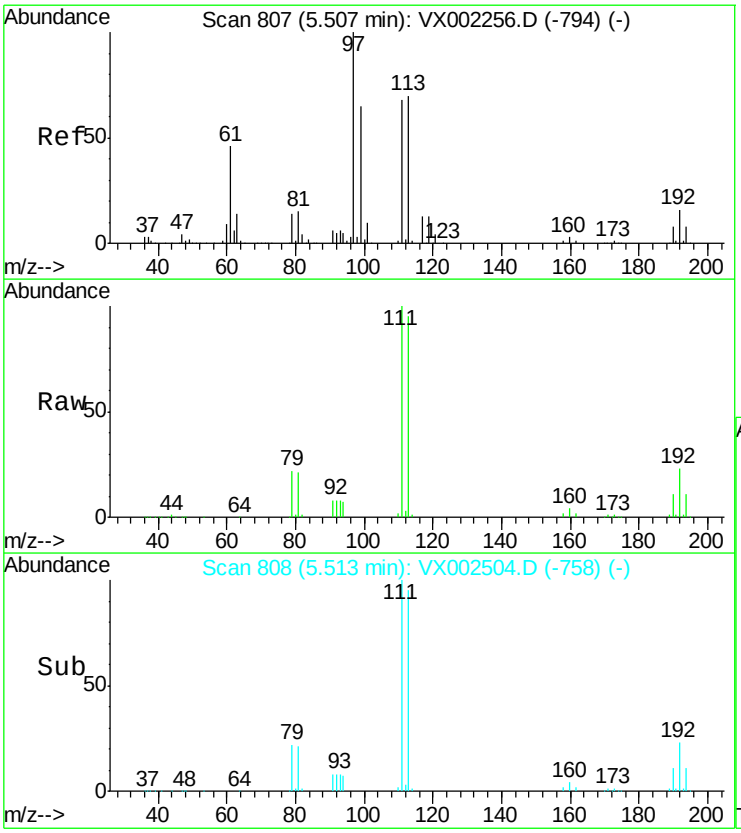
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 325559

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	15.1	0.0	30.0

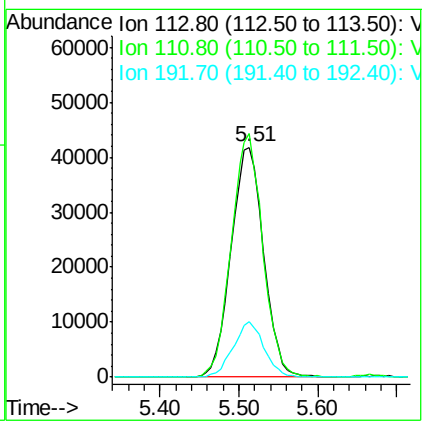


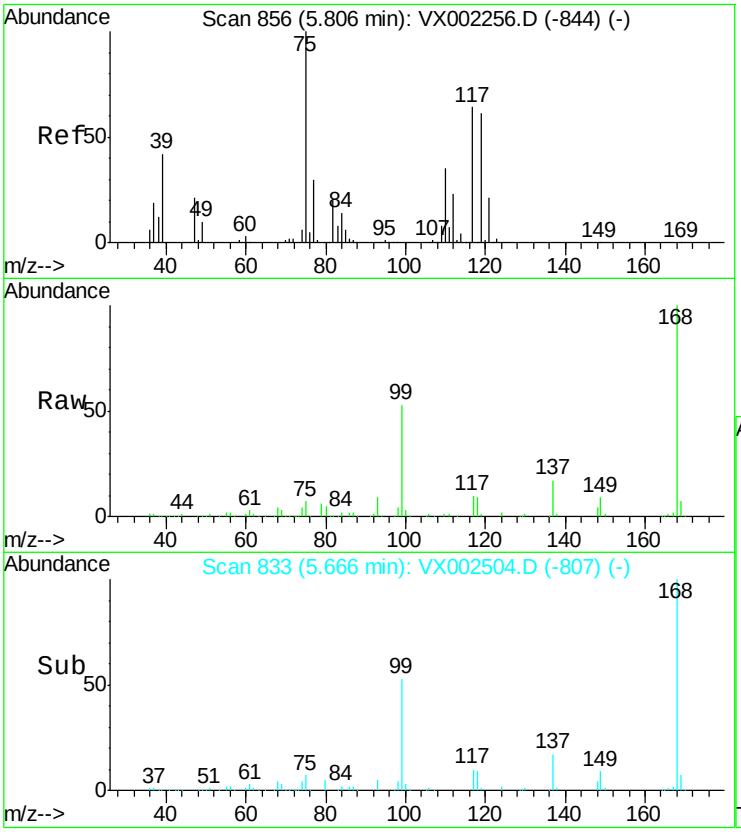


#35
Dibromofluoromethane
Concen: 46.77 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion:113 Resp: 119752

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	22.9	19.1	28.7



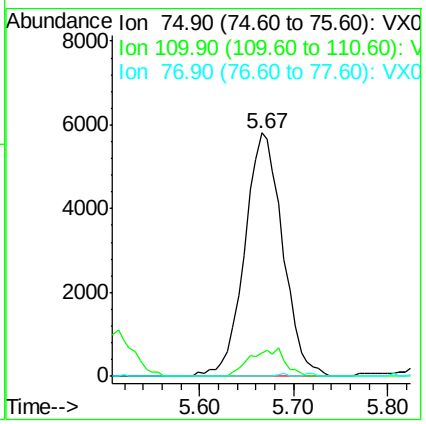


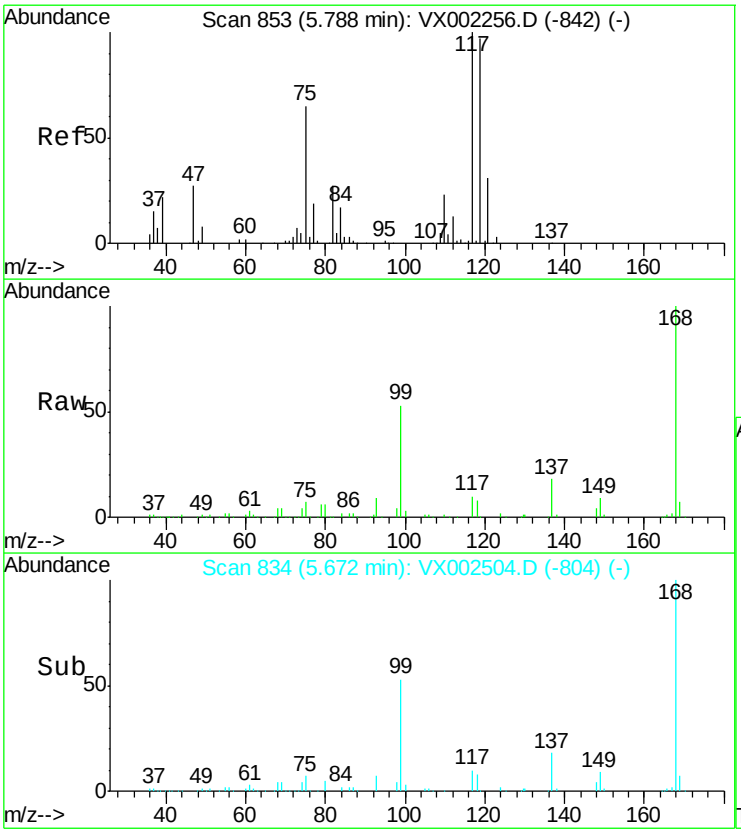
#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16425

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

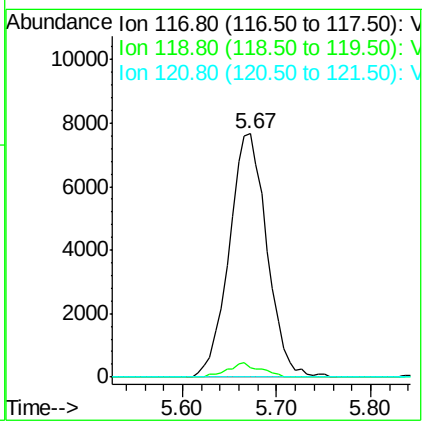


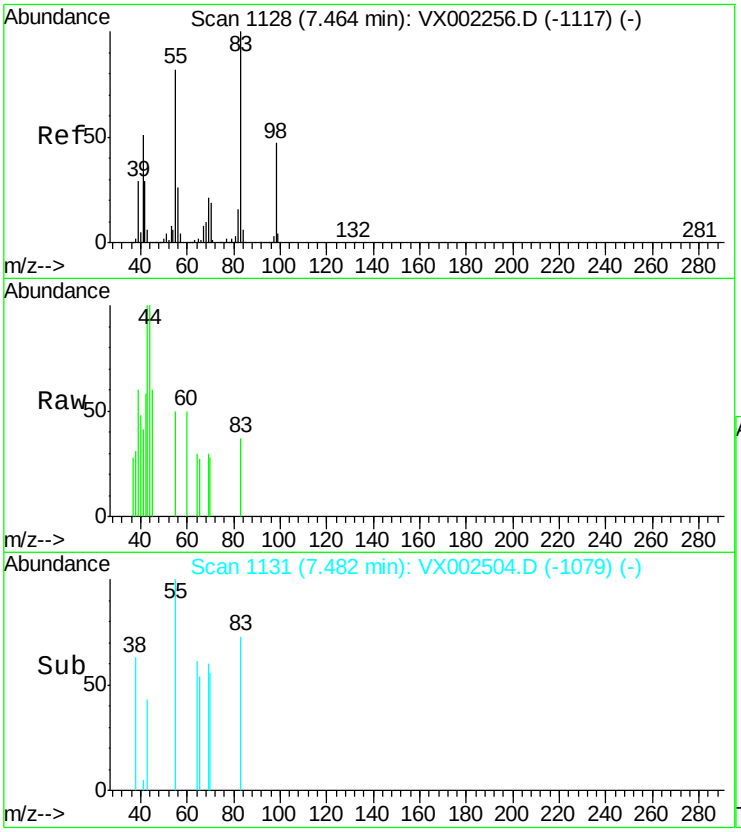


#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion:117 Resp: 21426

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.4	116.0#
121	0.0	24.4	36.6#



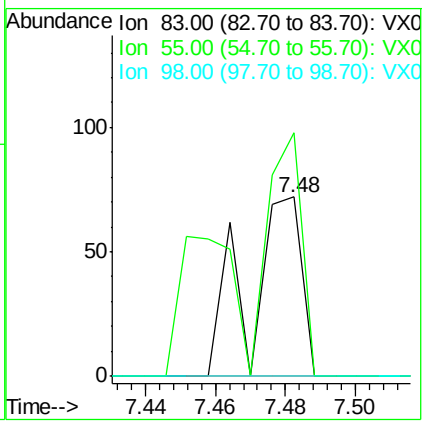


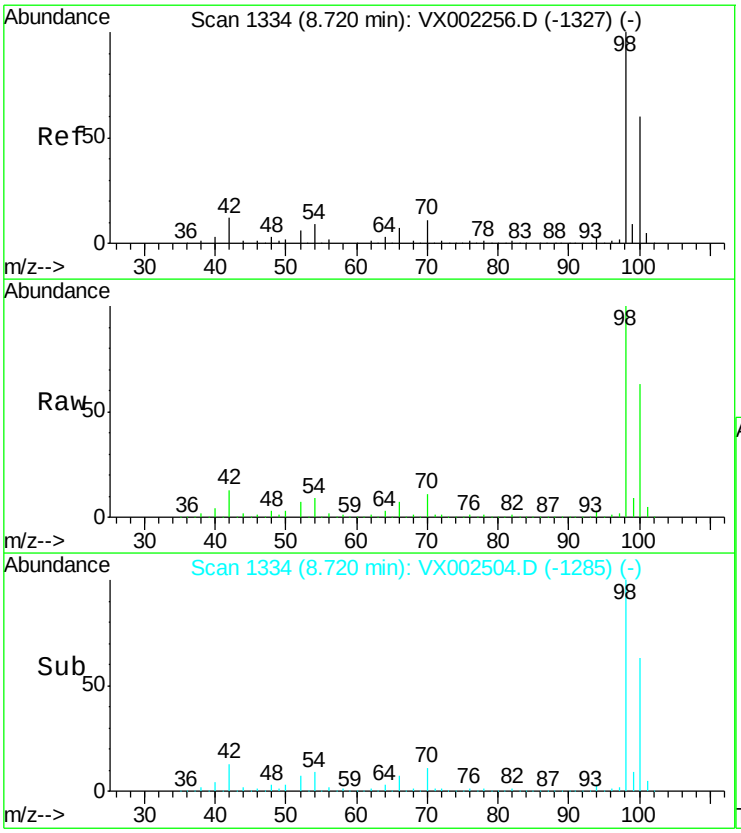
#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 7.48 min Scan# 1131
Delta R.T. 0.02 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 74

Ion	Ratio	Lower	Upper
83	100		
55	136.1	65.4	98.0#
98	0.0	37.4	56.0#

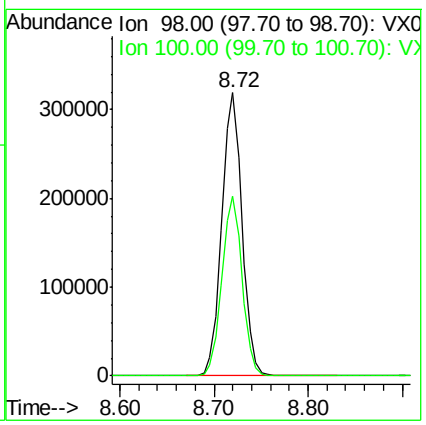


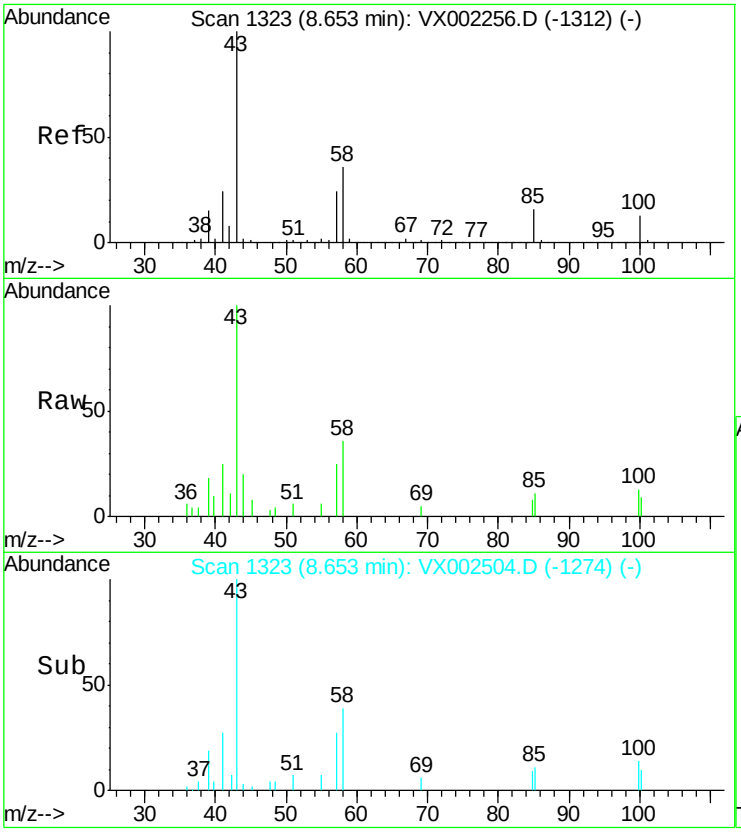


#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 98 Resp: 475787

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3



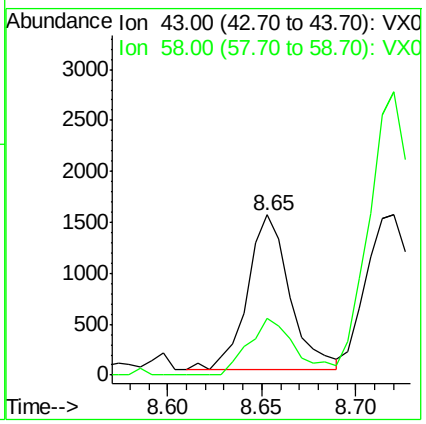


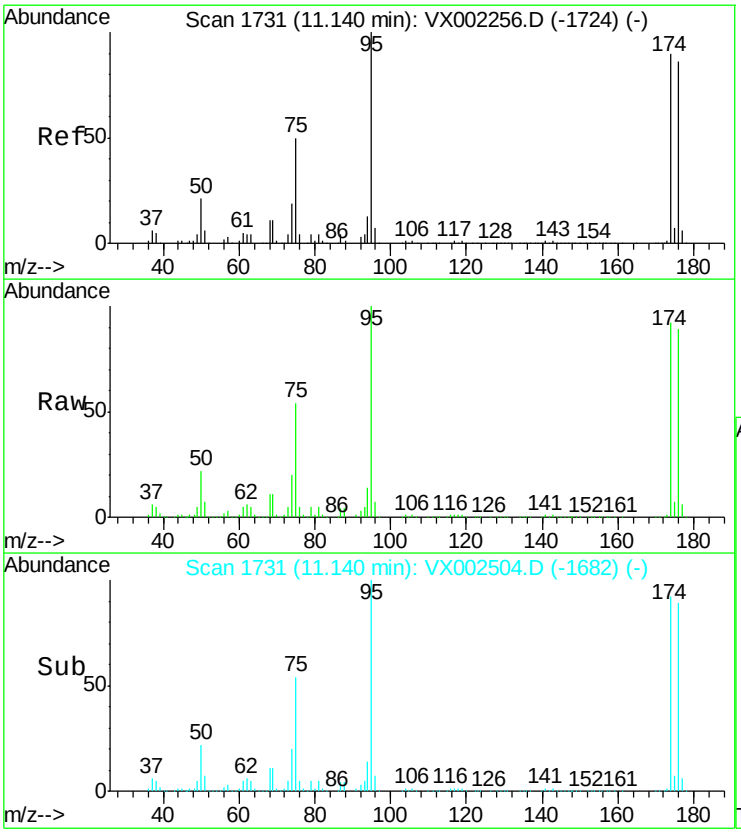
#51
4-Methyl-2-Pentanone
Concen: 0.54 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2372

Ion	Ratio	Lower	Upper
43	100		
58	37.9	28.6	42.8

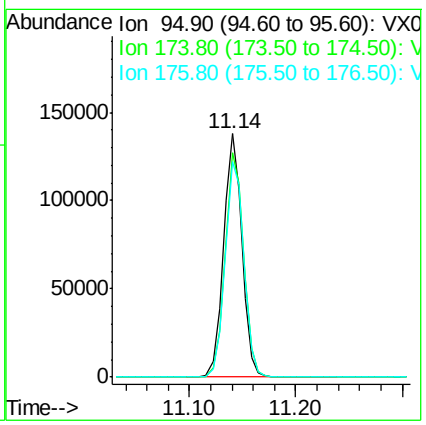


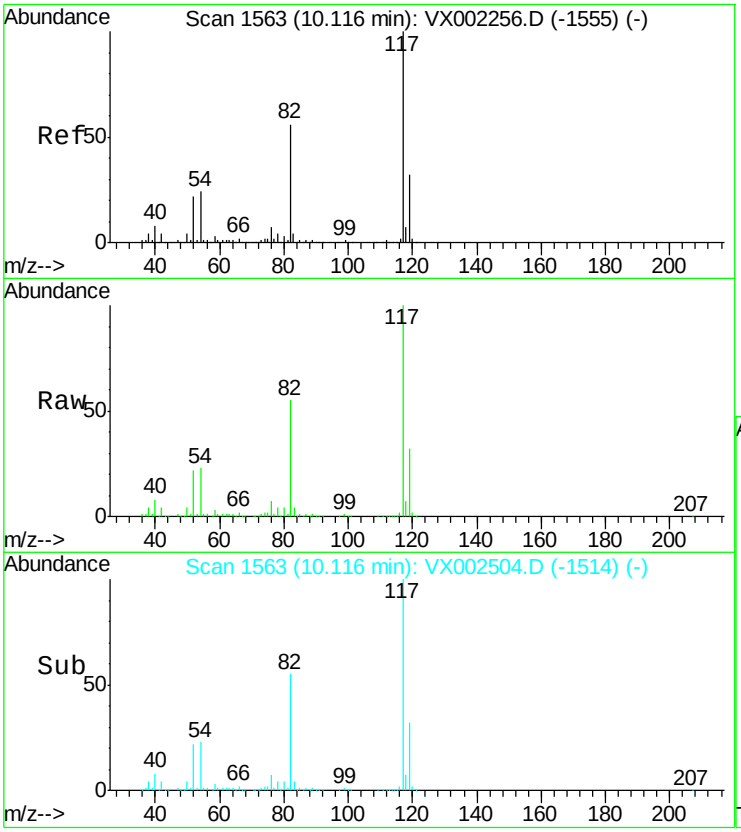


#62
4-Bromofluorobenzene
Concen: 43.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 95 Resp: 165753

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.4
176	91.2	0.0	181.0



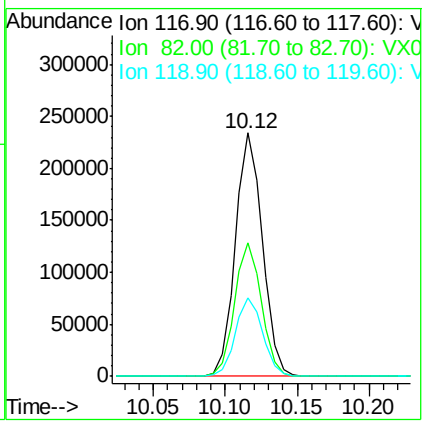


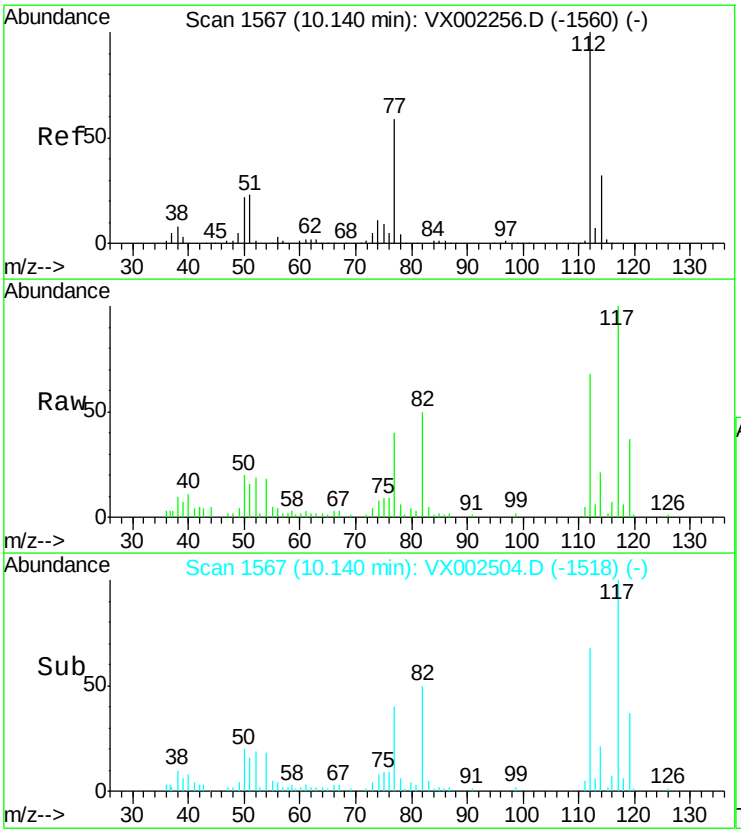
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 305986

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.0	67.4
119	32.3	25.8	38.6

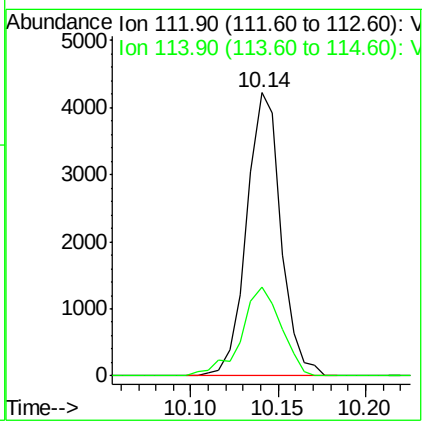


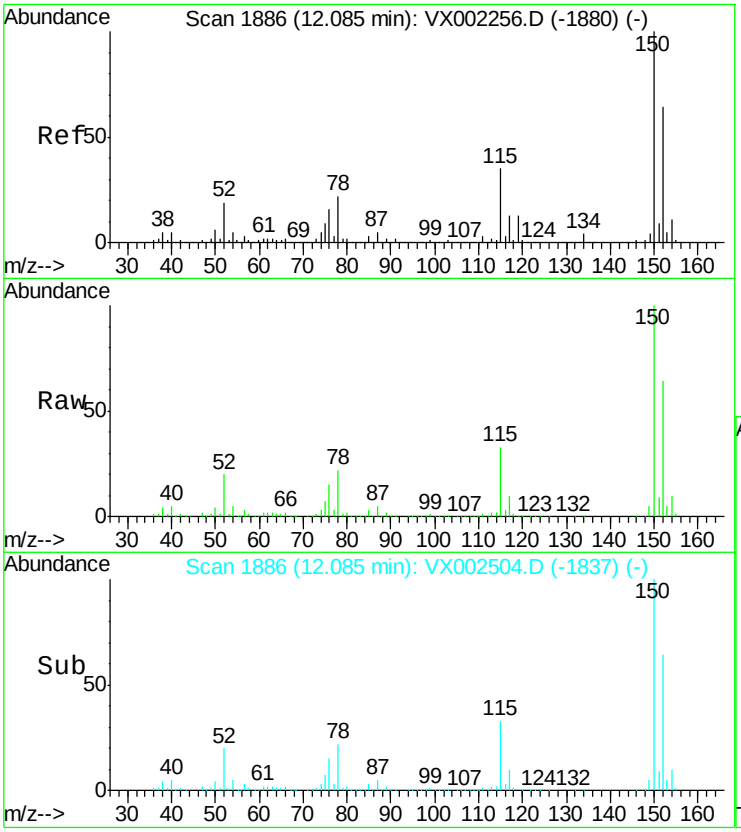


#65
Chlorobenzene
Concen: 0.75 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion:112 Resp: 5744

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.3	37.9



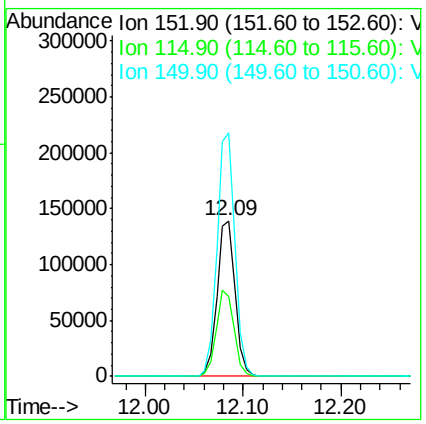


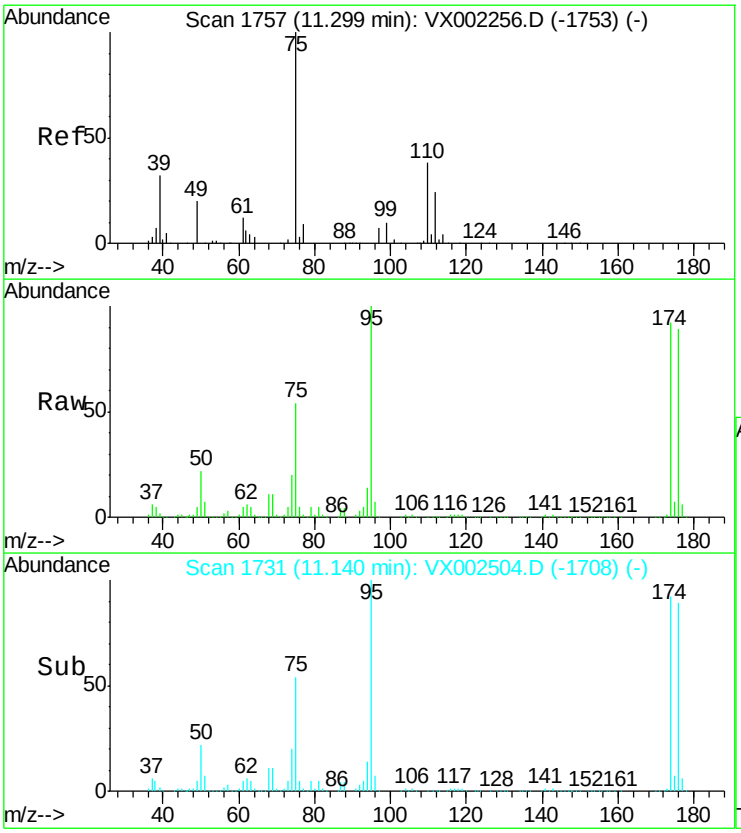
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 175117

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.1	120.2
150	156.7	0.0	347.2

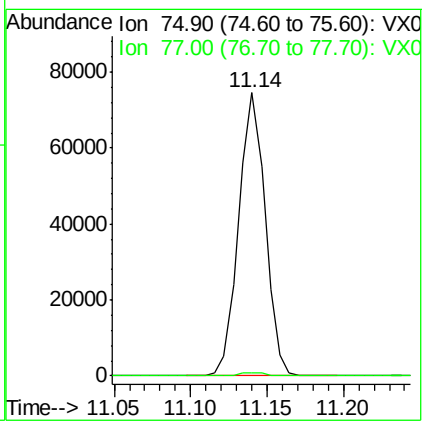


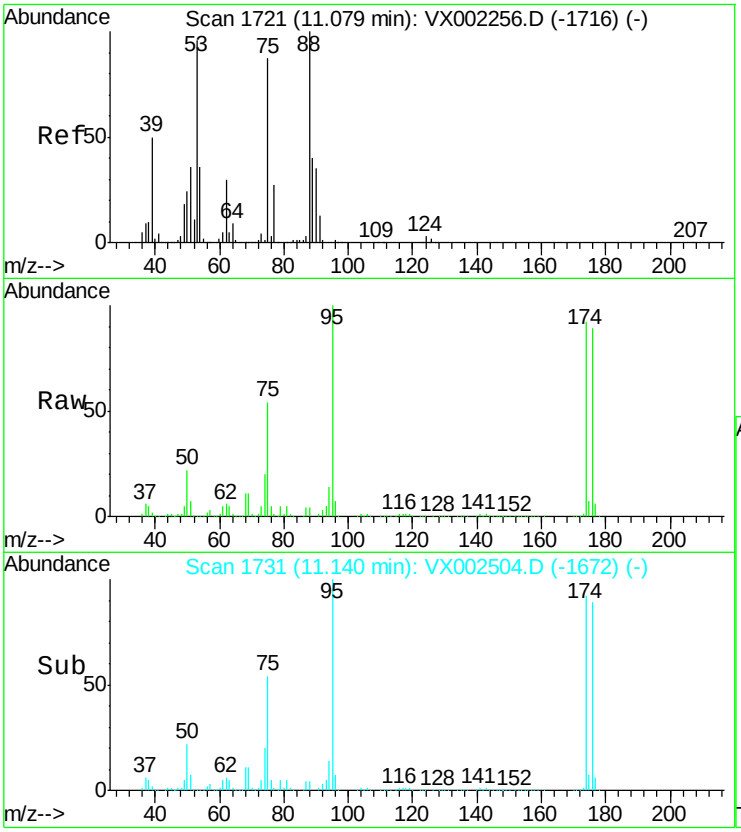


#76
1,2,3-Trichloropropane
Concen: 23.46 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 75 Resp: 90164

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#



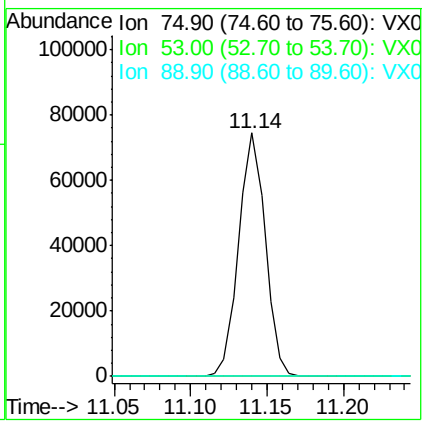


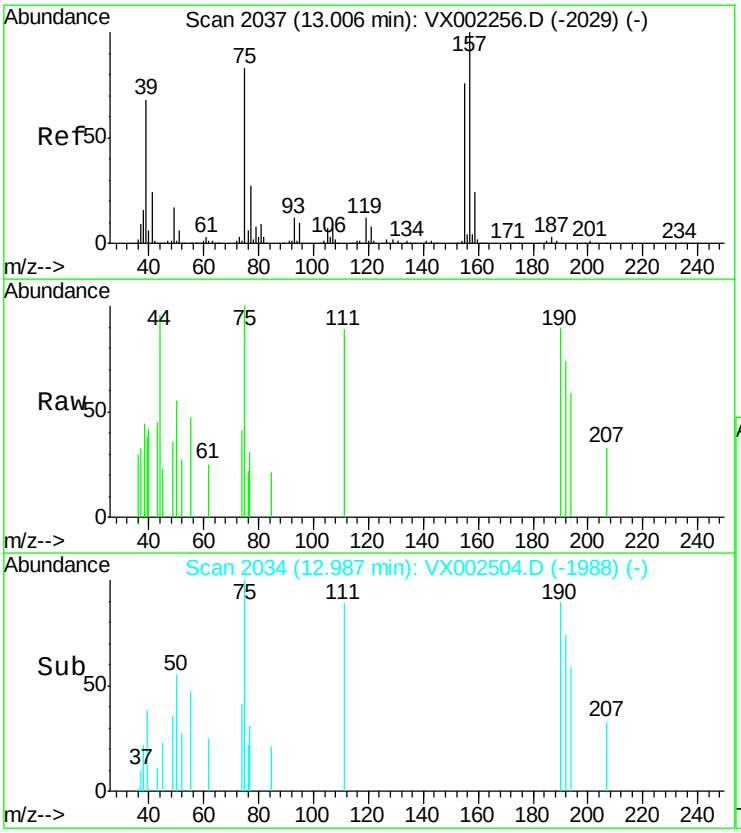
#81
trans-1,4-Dichloro-2-butene
Concen: 82.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 90164

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.41 ug/l
RT: 12.99 min Scan# 2034
Delta R.T. -0.02 min
Lab File: VX002504.D
Acq: 13 Jun 2018 12:10

Tgt Ion: 75 Resp: 345

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