Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002564.D
Acq On : 14 Jun 2018 20:45
Operator : JC/MD
Sample : PB110227ZHE#08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:36:00 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	242793	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	350290	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	327163	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187616	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	167058	47.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.96%				
35) Dibromofluoromethane	5.51	113	125573	45.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.16%				
50) Toluene-d8	8.72	98	503667	47.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.40%				
62) 4-Bromofluorobenzene	11.14	95	182163	44.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.48%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	353	Below Cal		#	54
5) Bromomethane	1.65	94	1340	Below Cal		#	62
8) Diethyl Ether	2.19	74	171	Below Cal			69
10) Methyl Iodide	2.53	142	992	0.27	ug/l	#	46
11) Tert butyl alcohol	3.08	59	491	Below Cal		#	37
13) Acrolein	2.32	56	98	Below Cal		#	76
15) Acrylonitrile	3.15	53	354	Below Cal		#	34
16) Acetone	2.45	43	26901	Below Cal			99
18) Methyl Acetate	2.78	43	24721	4.66	ug/l		97
19) Methyl tert-butyl Ether	3.22	73	167	Below Cal		#	1
20) Methylene Chloride	2.86	84	6341	Below Cal			88
22) Diisopropyl ether	3.87	45	96	Below Cal		#	59
25) 2-Butanone	4.72	43	7188	3.02	ug/l		99
28) Bromochloromethane	5.01	49	24	Below Cal		#	13
29) Tetrahydrofuran	5.17	42	1461	0.95	ug/l	#	81
36) 1,1-Dichloropropene	5.67	75	17475	4.75	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	22600	5.87	ug/l	#	15
39) Methylcyclohexane	7.46	83	432	0.36	ug/l		88
49) 1,4-Dioxane	7.63	88	49	0.69	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.66	43	6160	1.32	ug/l		94
65) Chlorobenzene	10.14	112	3309	0.41	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	96984	23.56	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	96984	82.58	ug/l	#	7

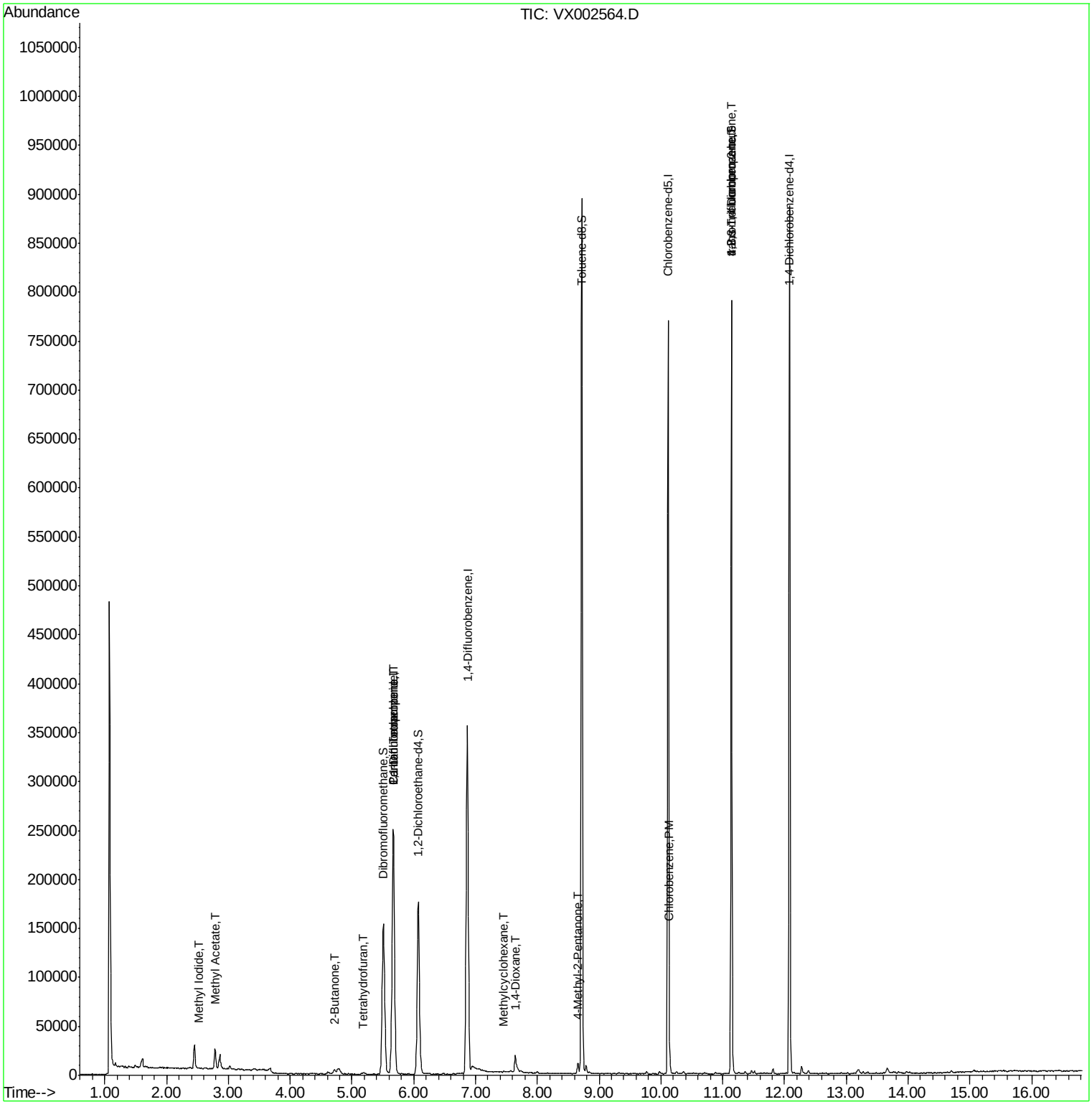
(#) = qualifier out of range (m) = manual integration (+) = signals summed

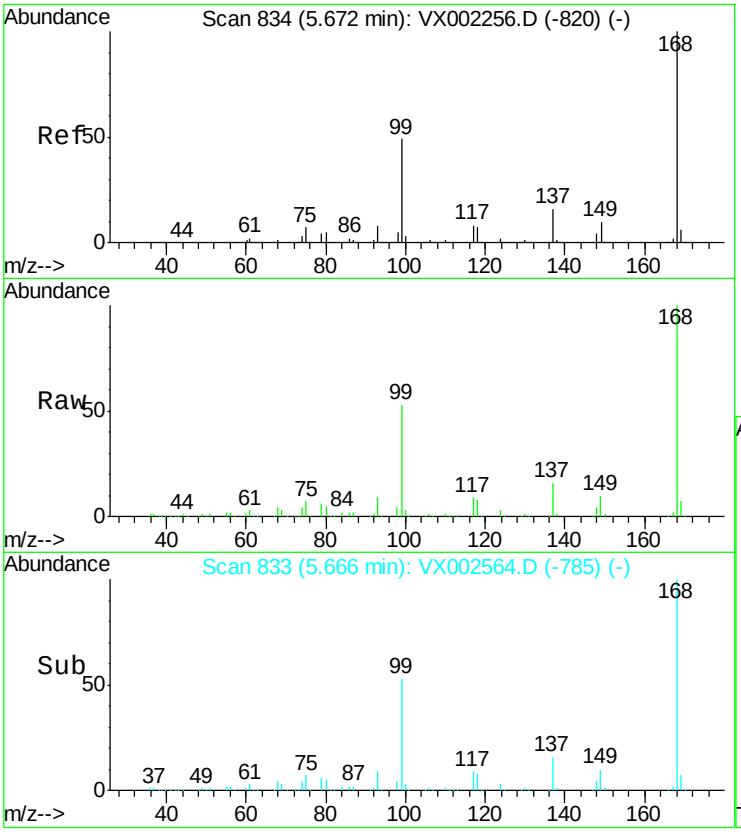
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002564.D
Acq On : 14 Jun 2018 20:45
Operator : JC/MD
Sample : PB110227ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 01:36:00 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



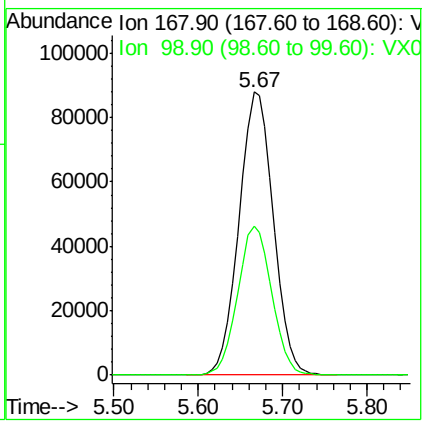


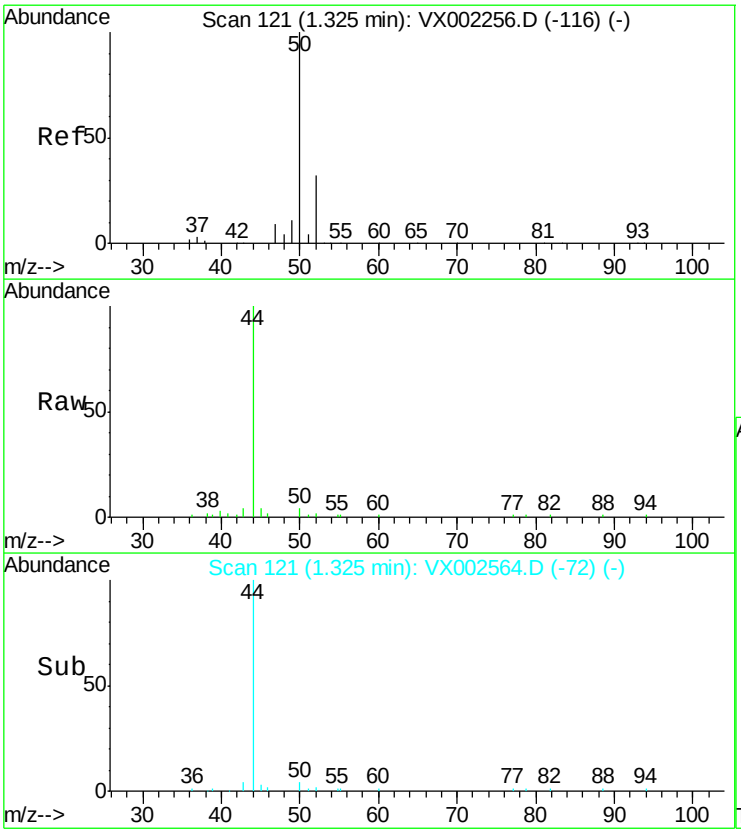
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 242793

Ion	Ratio	Lower	Upper
168	100		
99	52.6	39.3	58.9

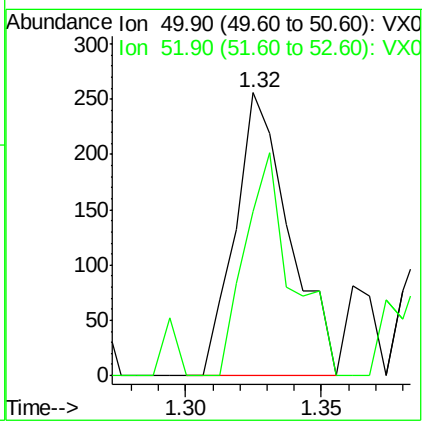


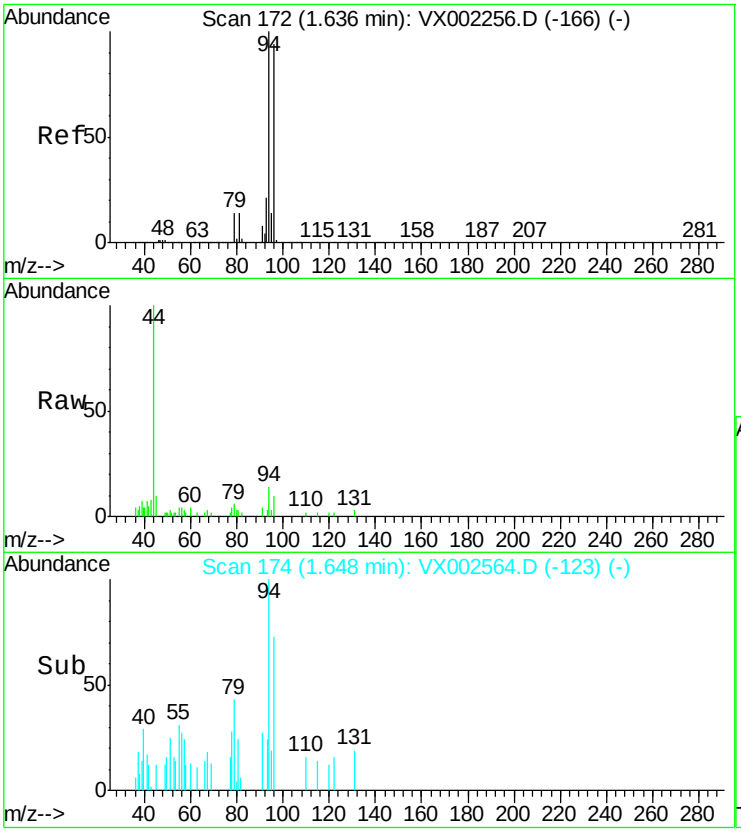


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 50 Resp: 353

Ion	Ratio	Lower	Upper
50	100		
52	57.8	25.7	38.5#



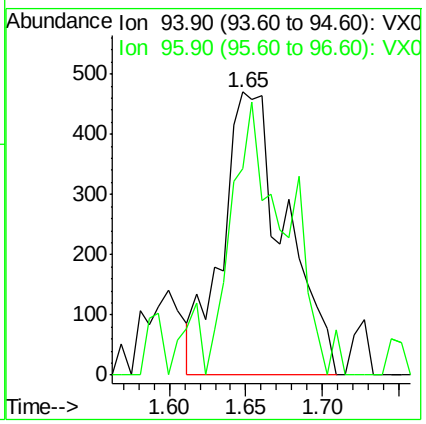


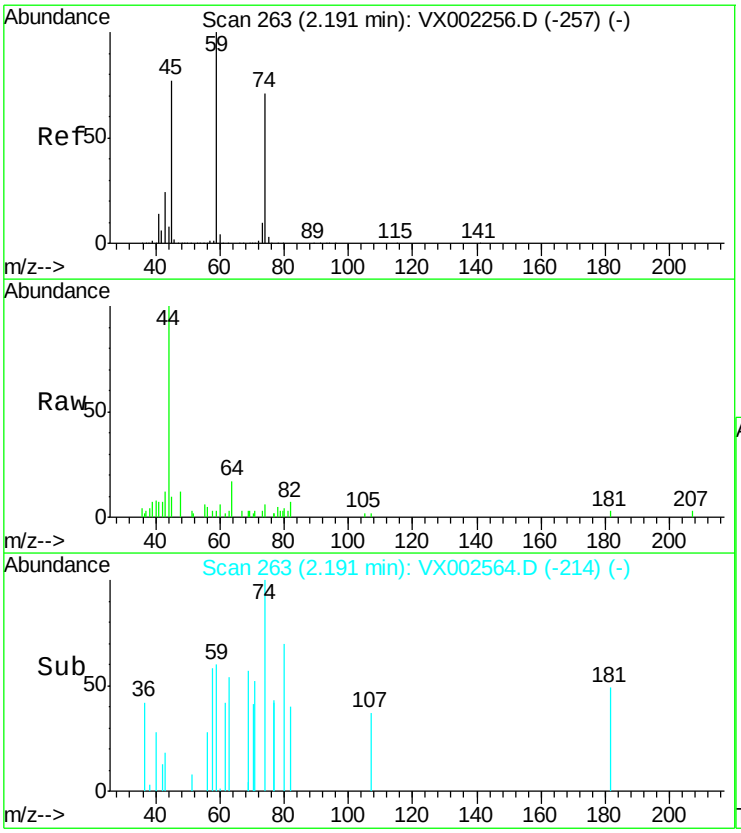
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1340

Ion	Ratio	Lower	Upper
94	100		
96	56.8	74.9	112.3#

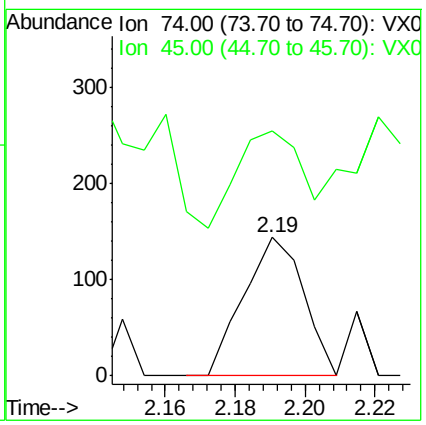


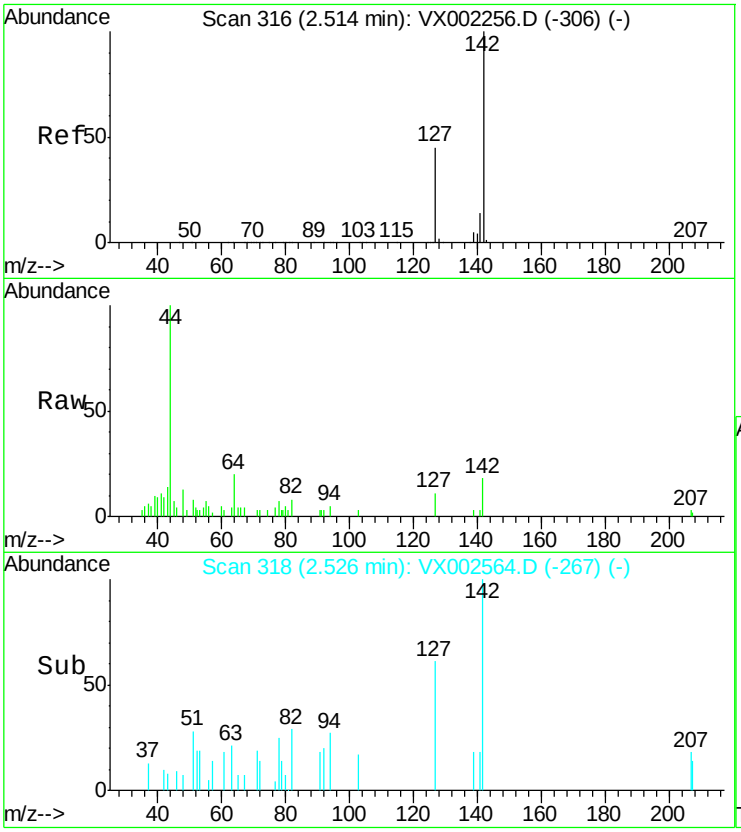


#8
Diethyl Ether
Concen: Below Cal
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 74 Resp: 171

Ion	Ratio	Lower	Upper
74	100		
45	74.3	53.1	159.4



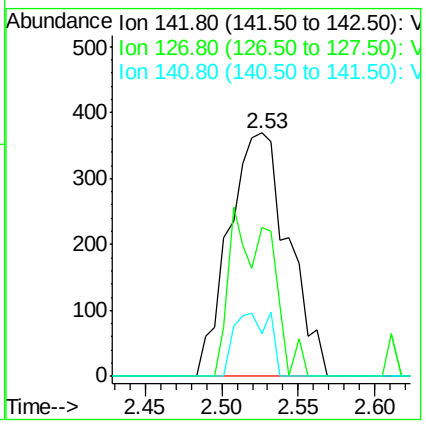


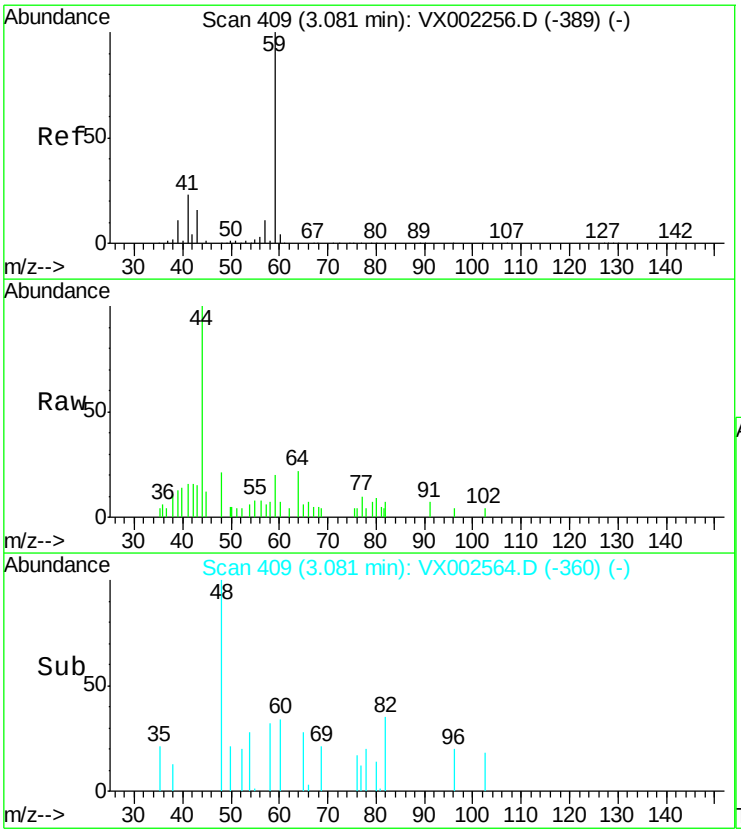
#10
Methyl Iodide
Concen: 0.27 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 992

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.6	55.0#
141	15.6	11.3	16.9

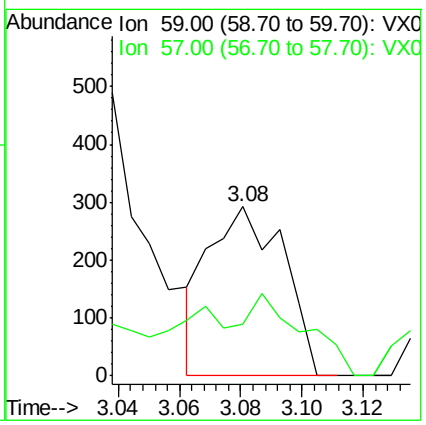


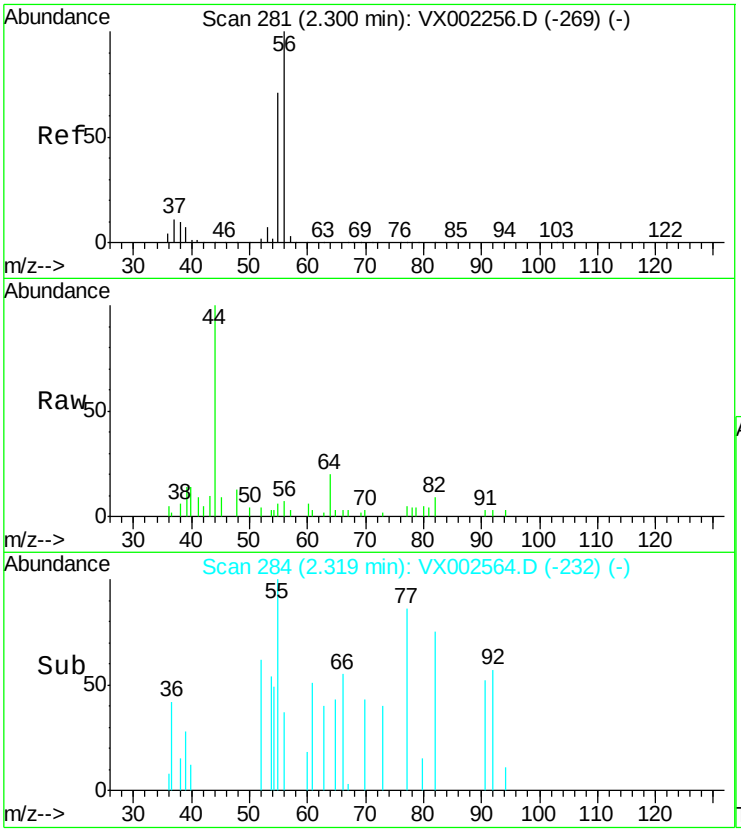


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 59 Resp: 491

Ion	Ratio	Lower	Upper
59	100		
57	33.8	8.2	12.2#



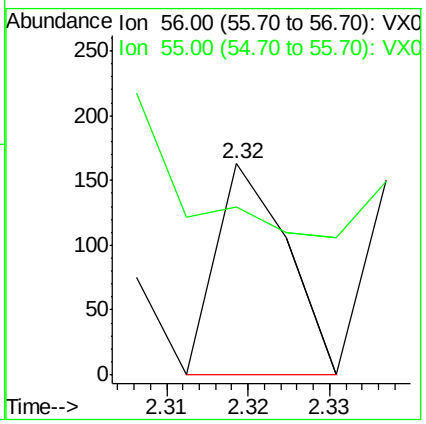


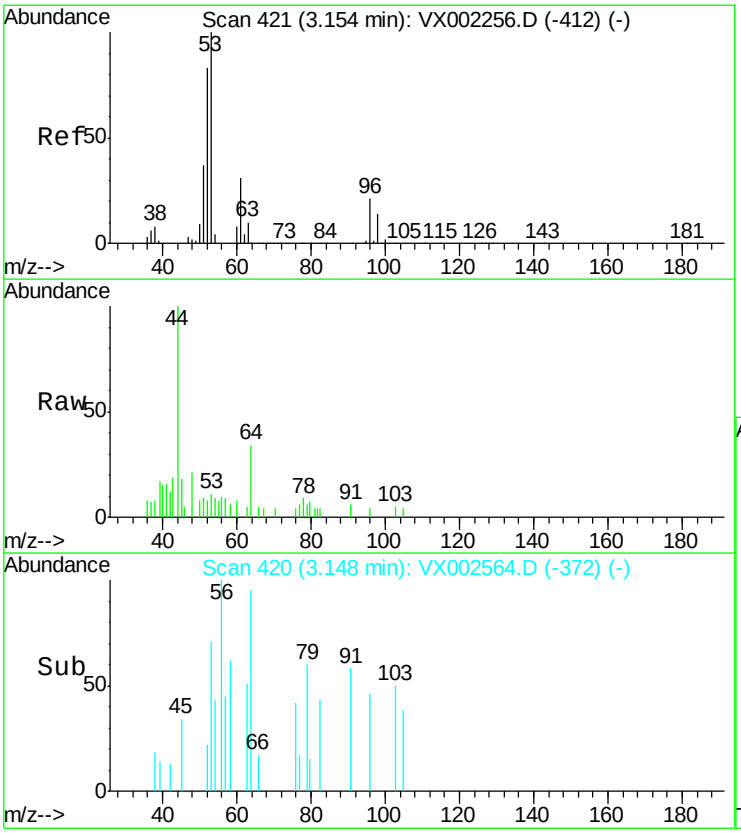
#13
Acrolein
Concen: Below Cal
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 98

Ion	Ratio	Lower	Upper
56	100		
55	90.8	57.0	85.4#

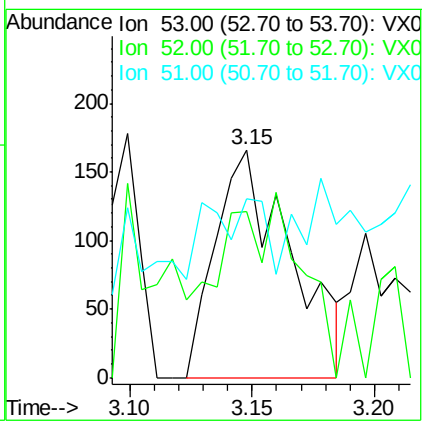


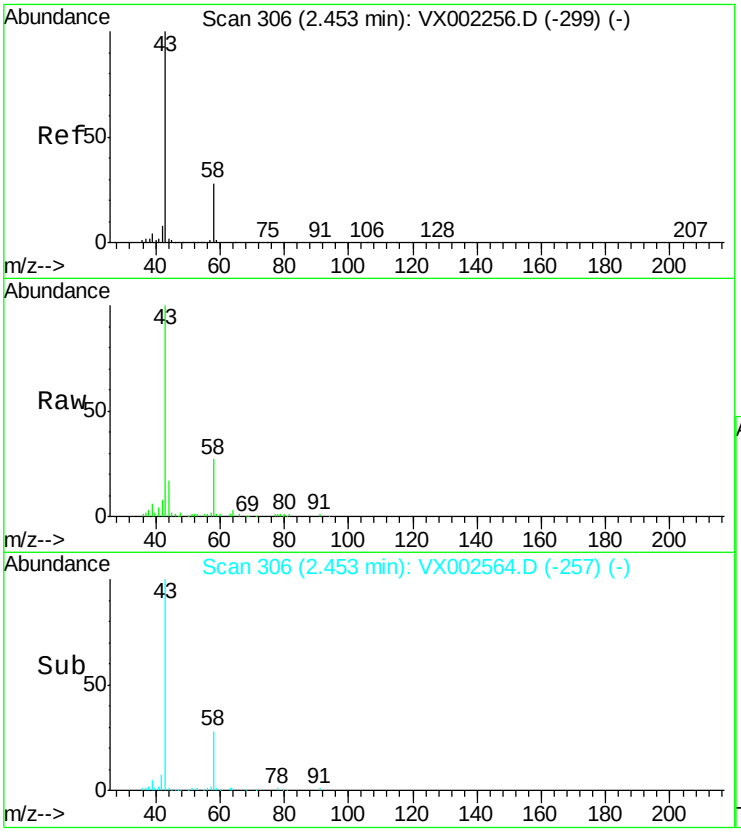


#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 53 Resp: 354

Ion	Ratio	Lower	Upper
53	100		
52	13.0	66.7	100.1#
51	13.8	29.9	44.9#



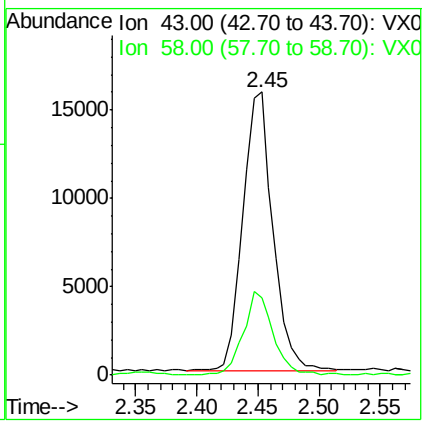


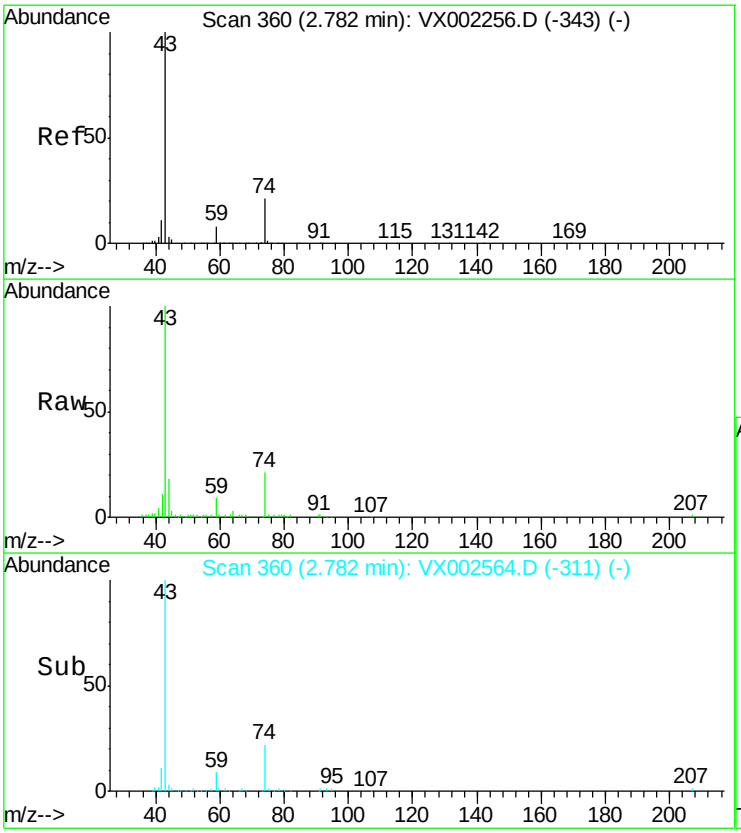
#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 26901

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.1	33.1

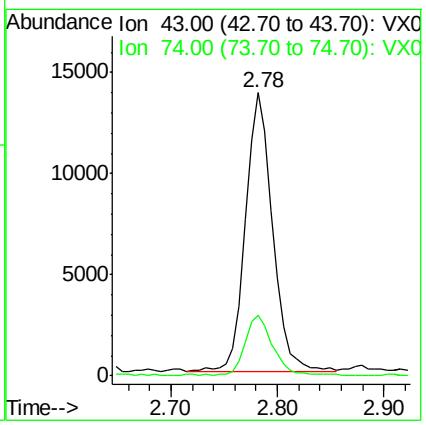


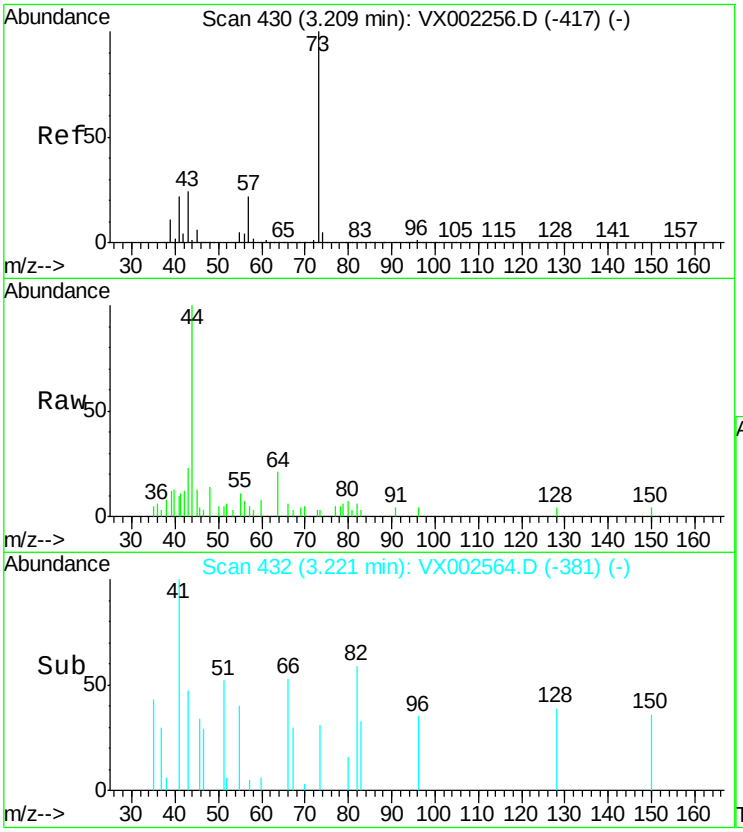


#18
Methyl Acetate
Concen: 4.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 24721

Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1



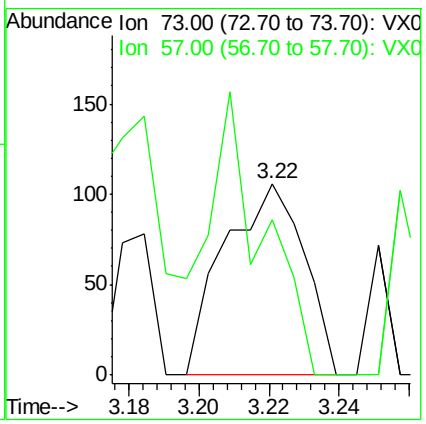


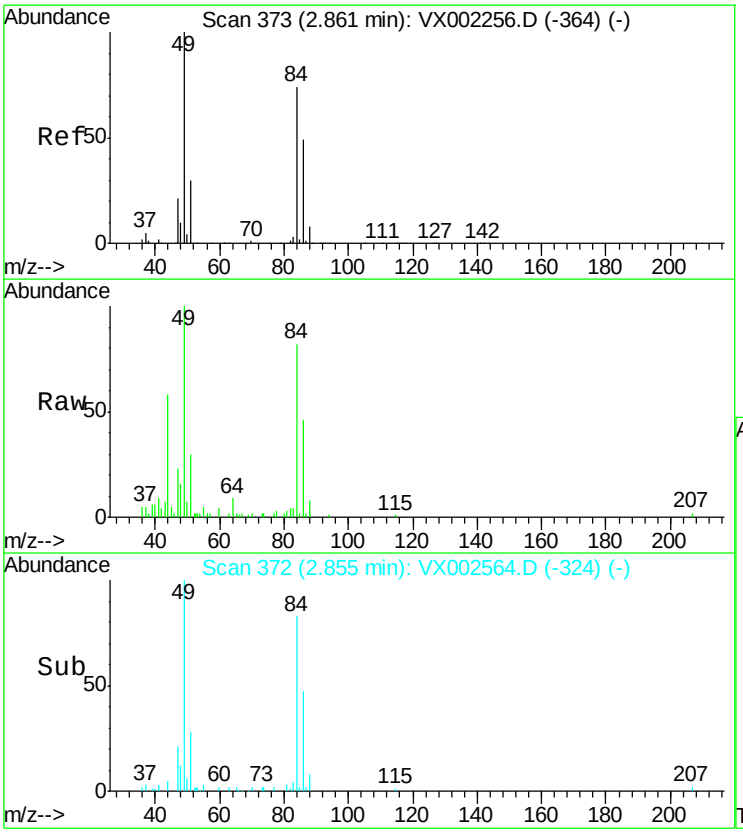
#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 167

Ion	Ratio	Lower	Upper
73	100		
57	81.1	17.7	26.5#

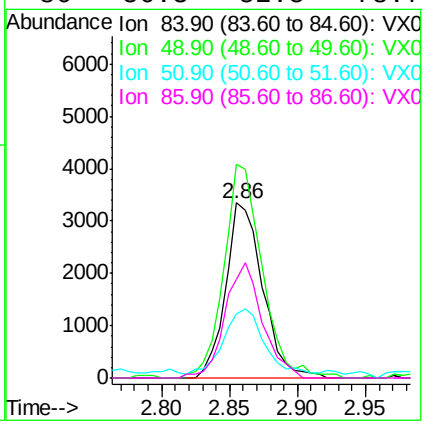


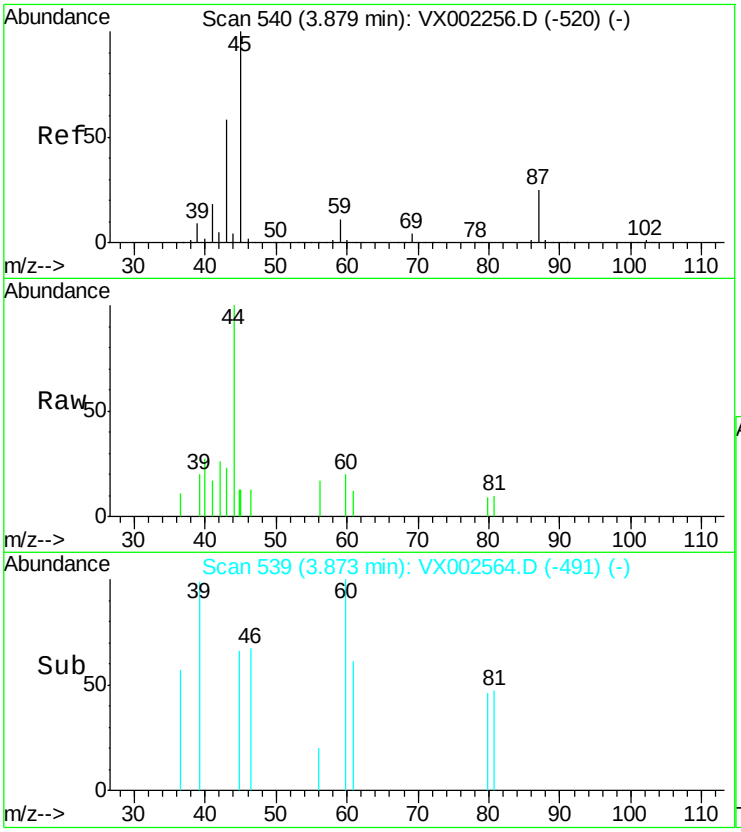


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 84 Resp: 6341

Ion	Ratio	Lower	Upper
84	100		
49	120.2	107.8	161.6
51	34.1	32.8	49.2
86	56.3	52.5	78.7



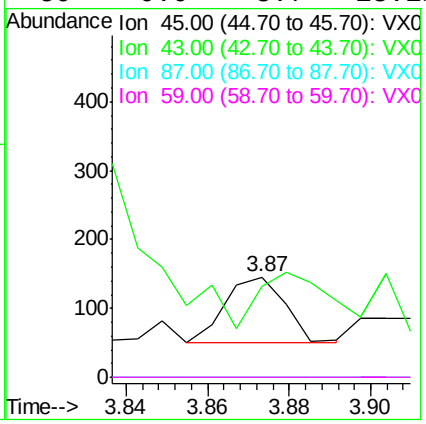


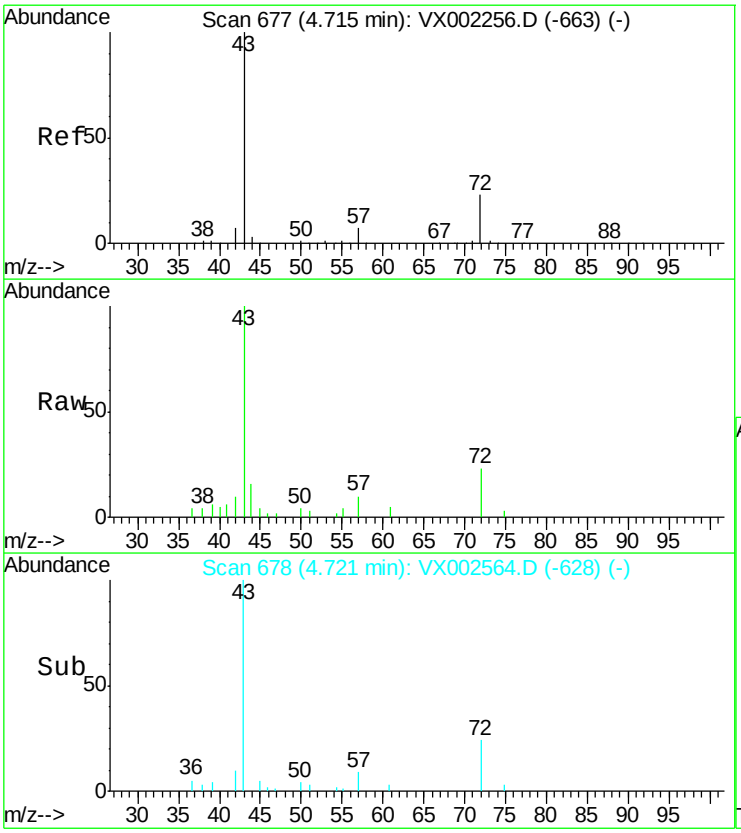
#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 96

Ion	Ratio	Lower	Upper
45	100		
43	29.5	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

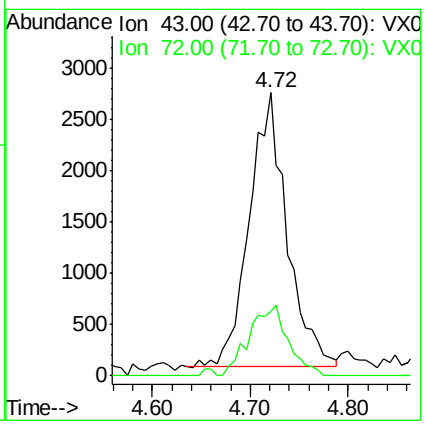


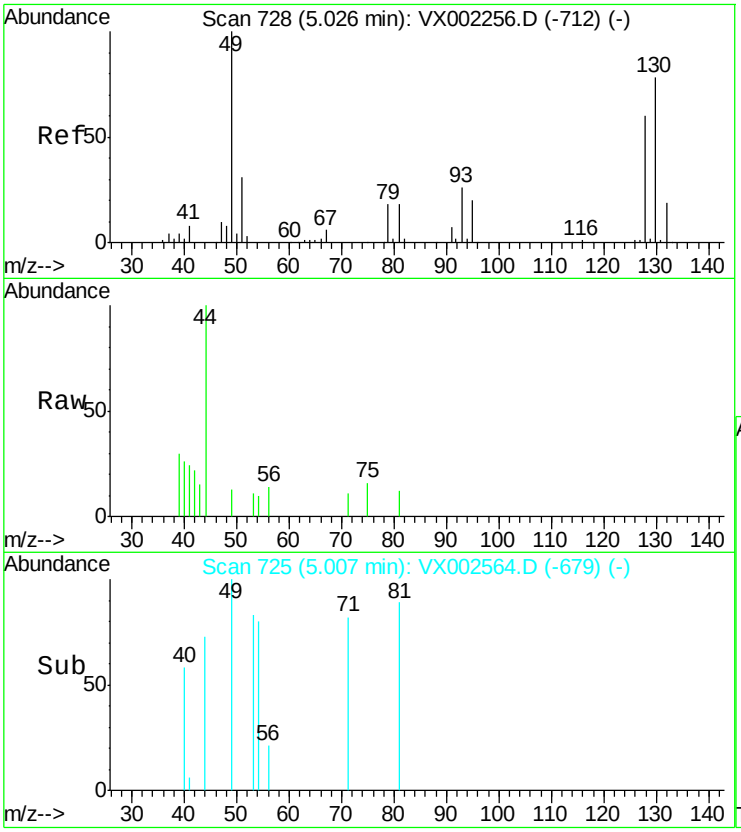


#25
2-Butanone
Concen: 3.02 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 7188

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.5	27.7



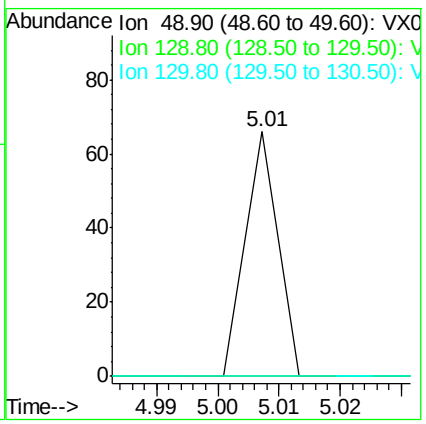


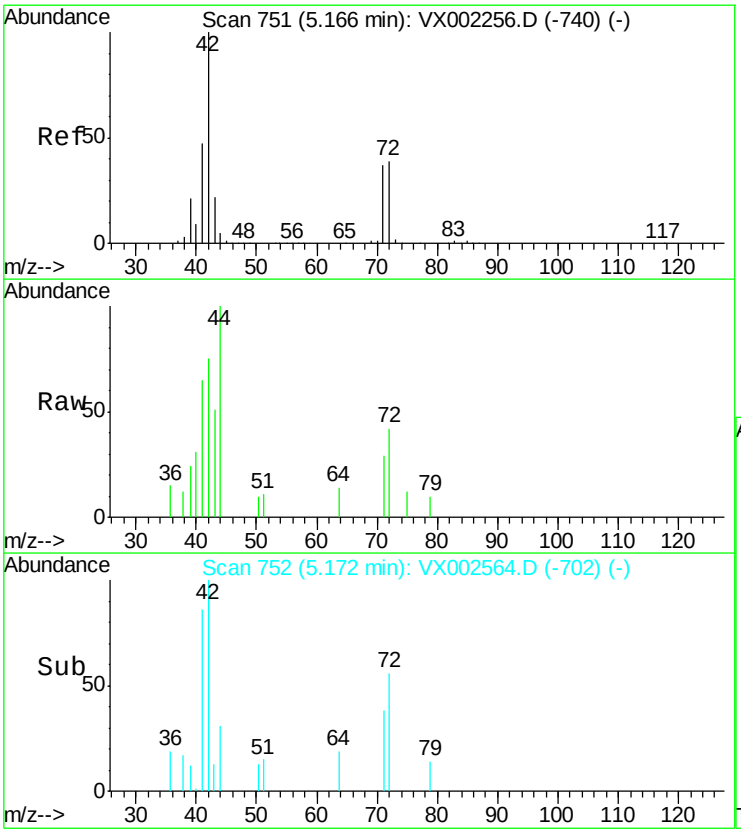
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 24

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

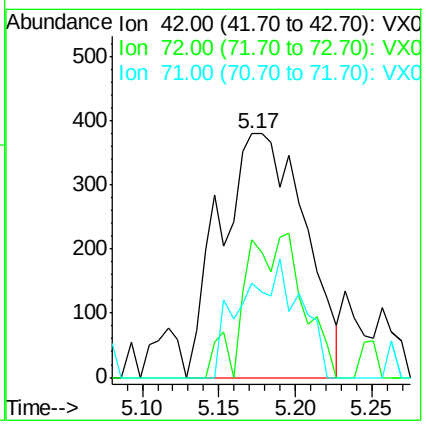


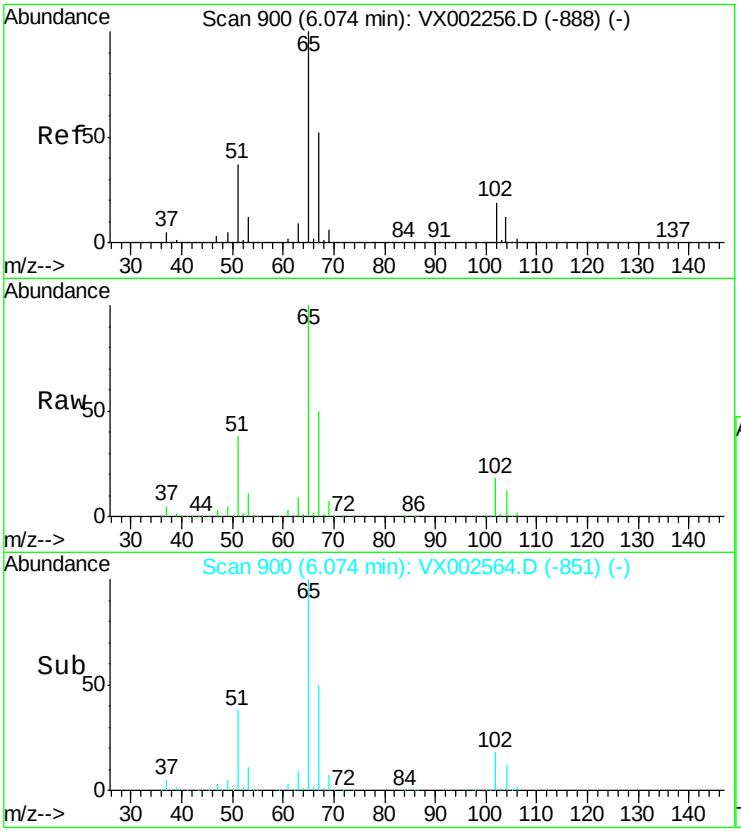


#29
Tetrahydrofuran
Concen: 0.95 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 42 Resp: 1461

Ion	Ratio	Lower	Upper
42	100		
72	20.8	32.0	48.0#
71	33.3	30.1	45.1



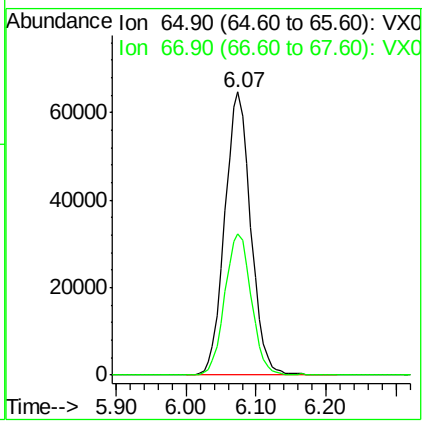


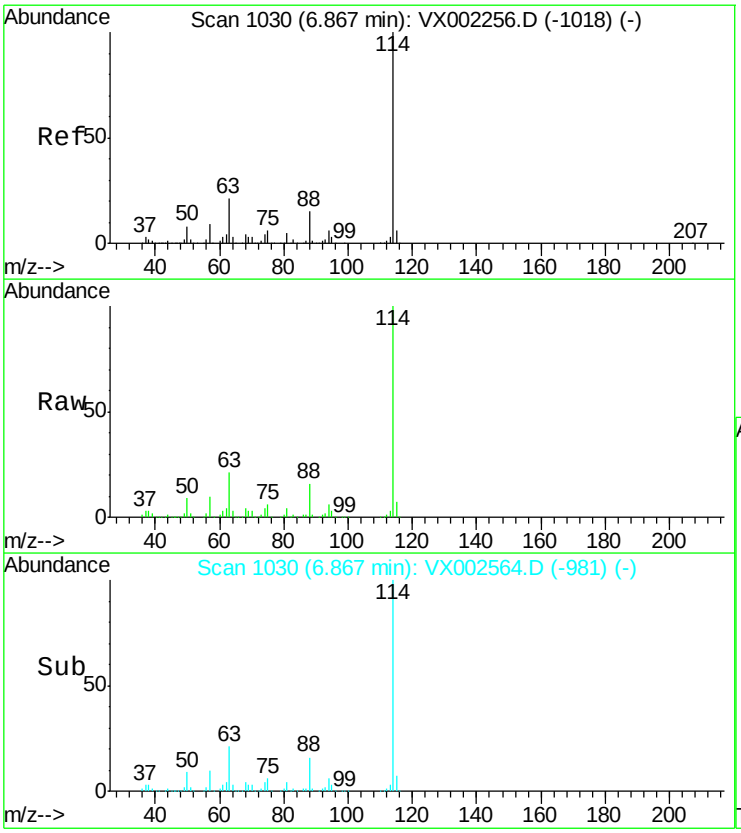
#33
1,2-Dichloroethane-d4
Concen: 47.98 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 167058

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6

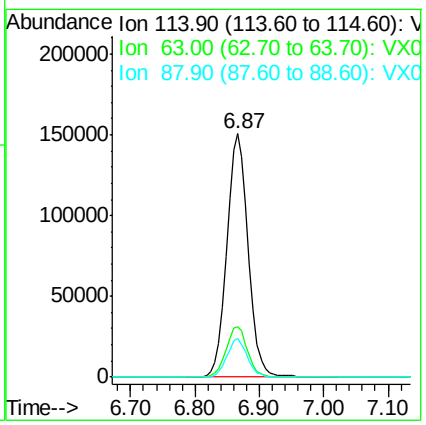


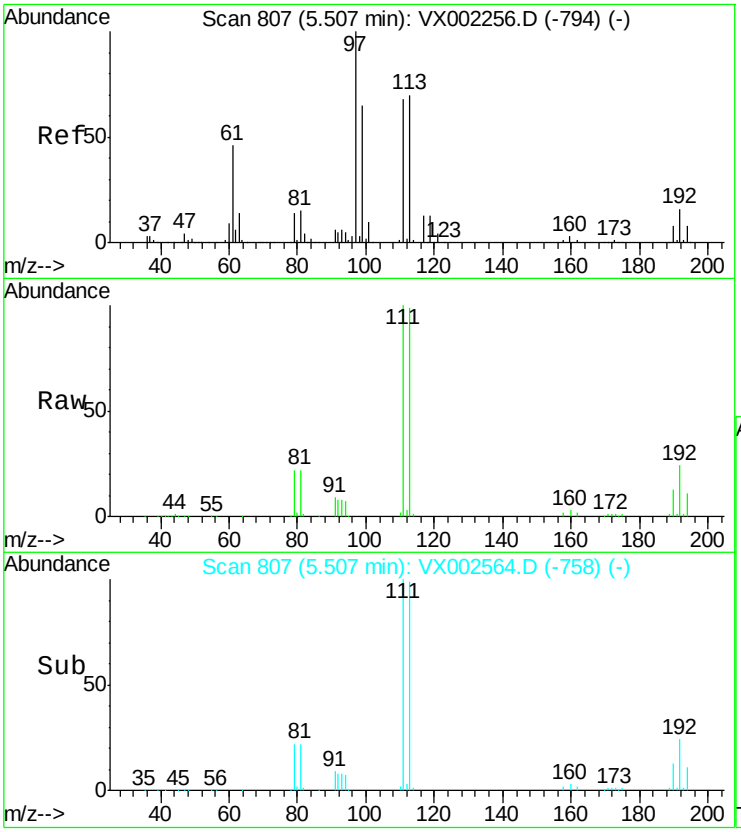


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion:114 Resp: 350290

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	15.7	0.0	30.0



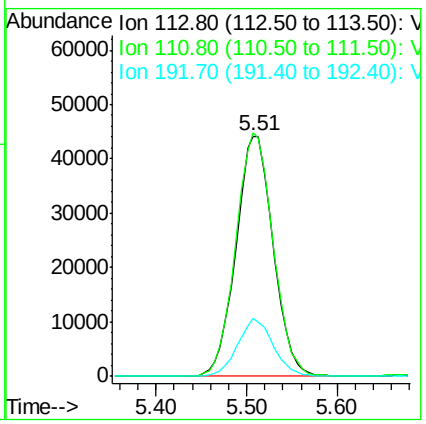


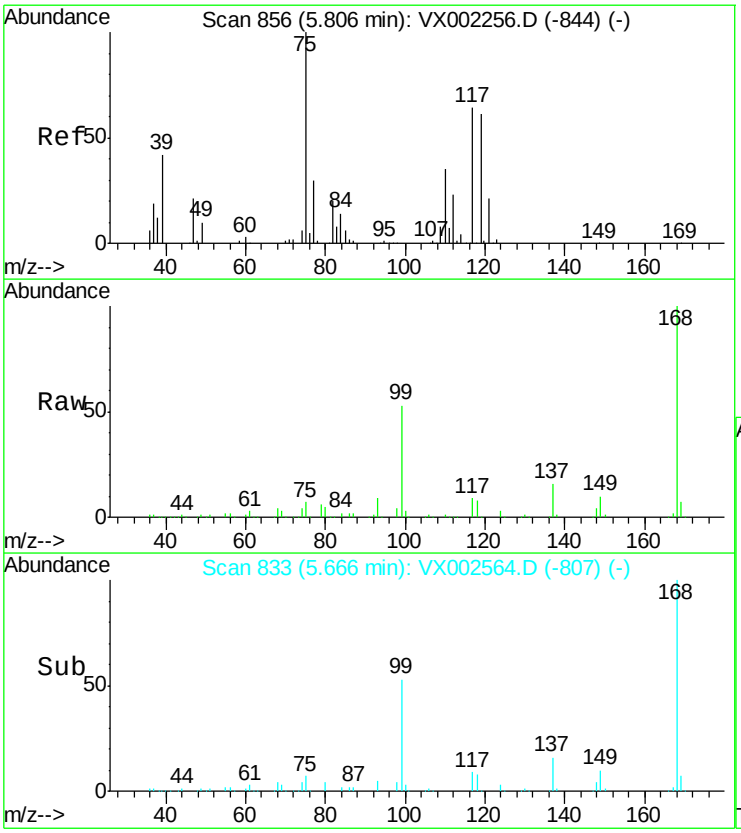
#35
Dibromofluoromethane
Concen: 45.58 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 125573

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.1	19.1	28.7

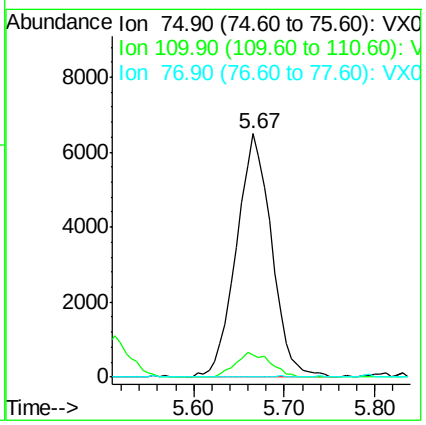


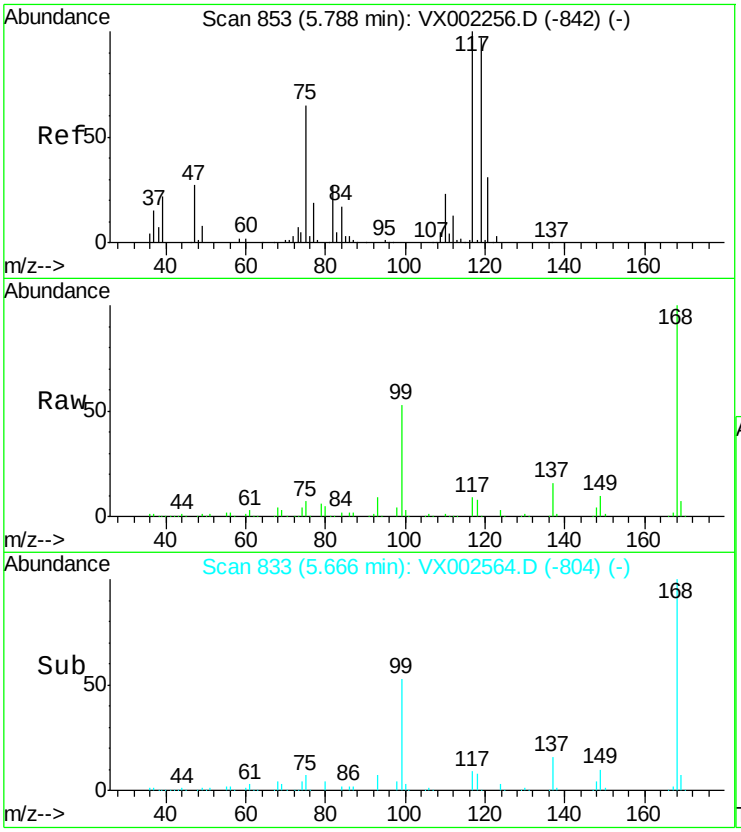


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 75 Resp: 17475

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	24.3	36.5#



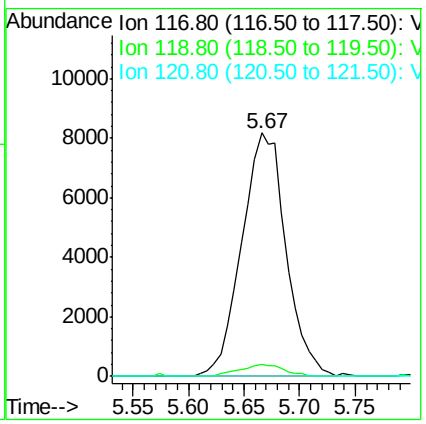


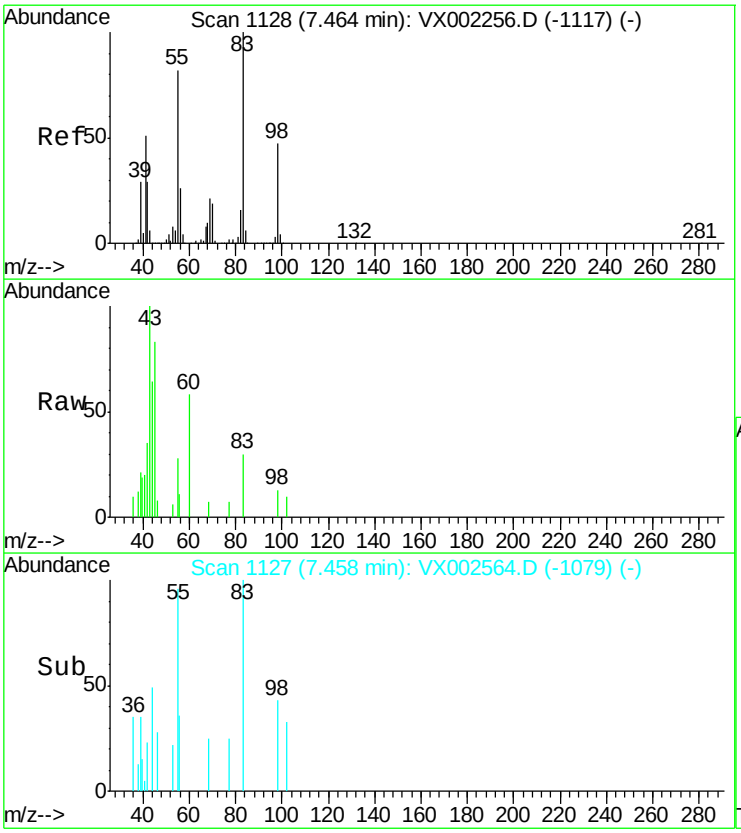
#38
Carbon Tetrachloride
Concen: 5.87 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 22600

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

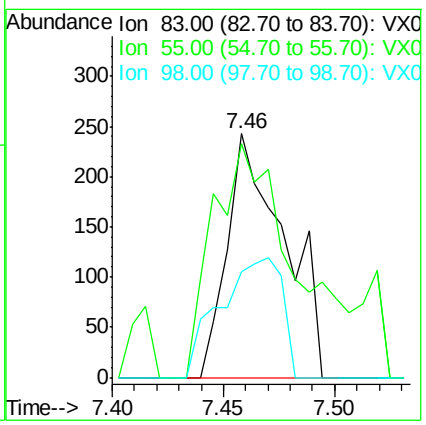


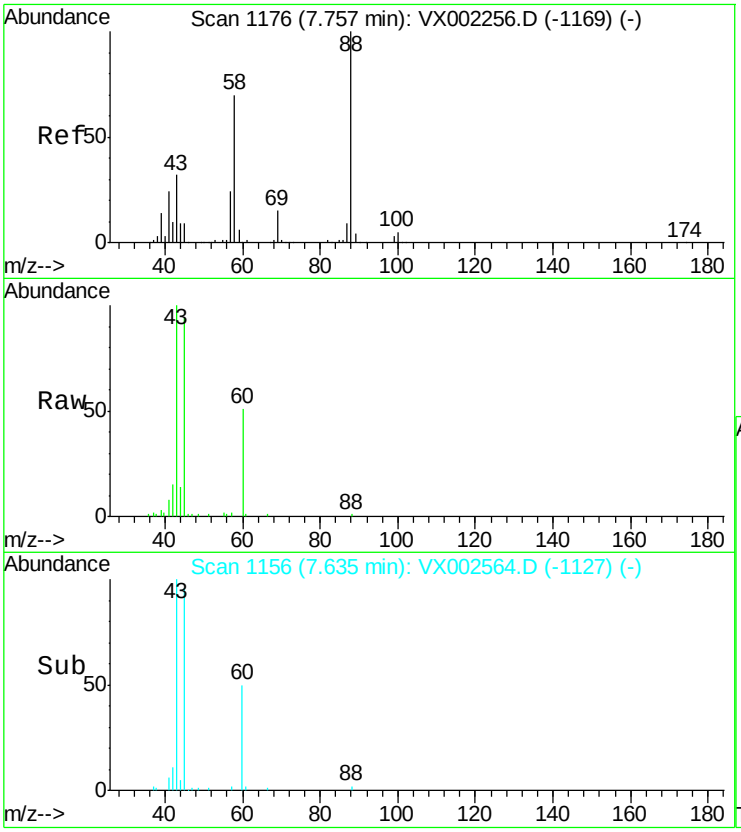


#39
Methylcyclohexane
Concen: 0.36 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 83 Resp: 432

Ion	Ratio	Lower	Upper
83	100		
55	95.9	65.4	98.0
98	43.2	37.4	56.0



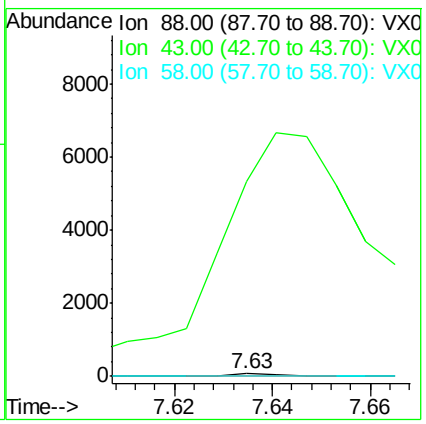


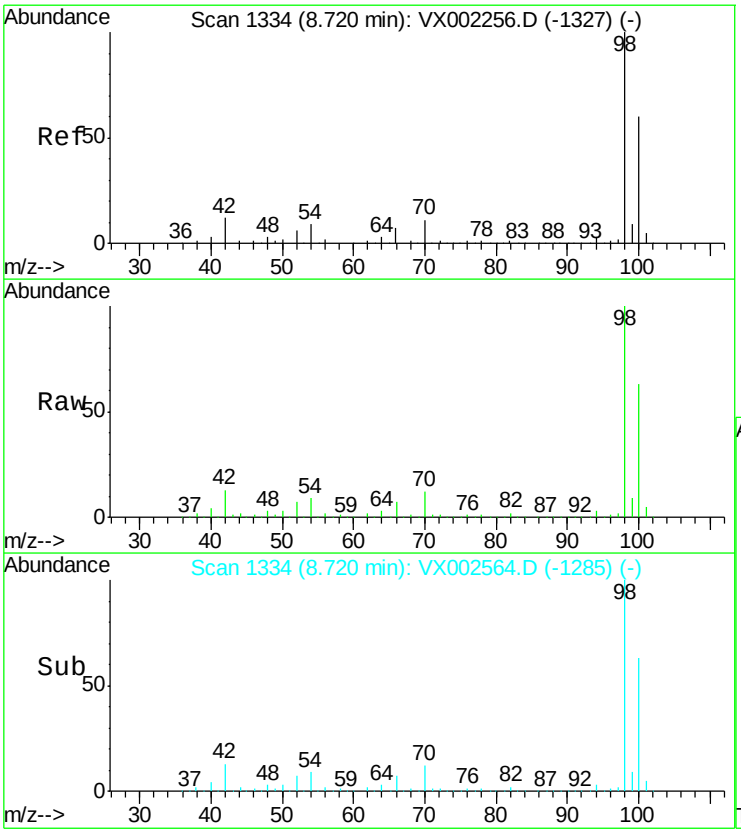
#49
1,4-Dioxane
Concen: 0.69 ug/l
RT: 7.63 min Scan# 1156
Delta R.T. -0.12 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
43	27918.4	29.8	44.6#
58	0.0	57.1	85.7#

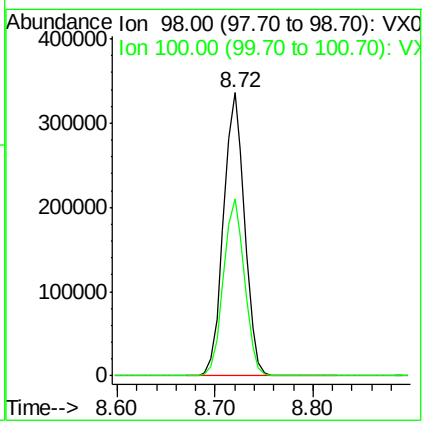


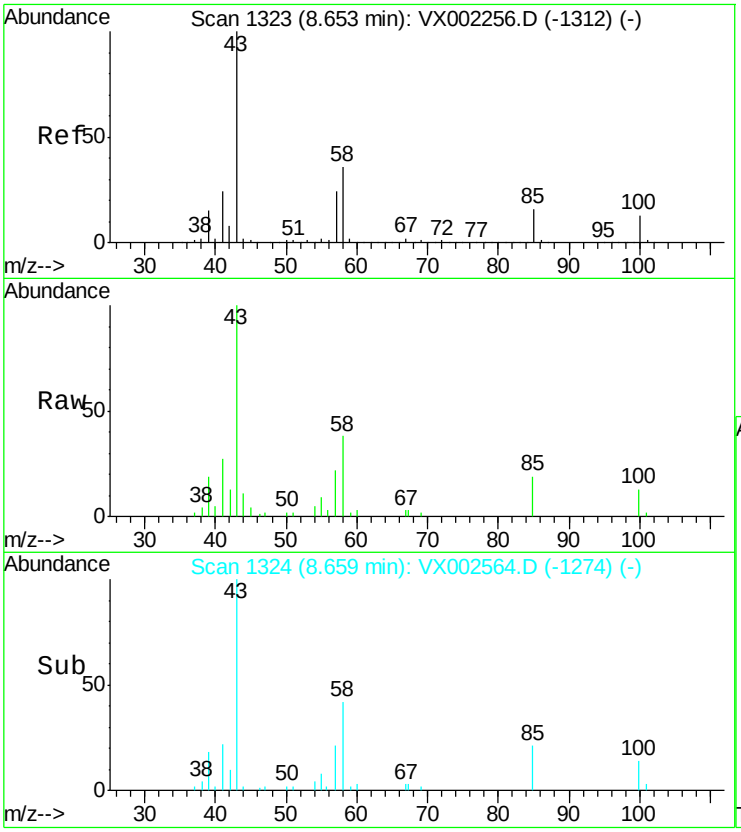


#50
Toluene-d8
Concen: 47.70 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 98 Resp: 503667

Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.9	76.3

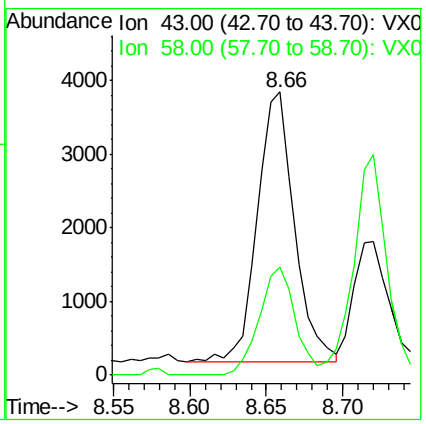




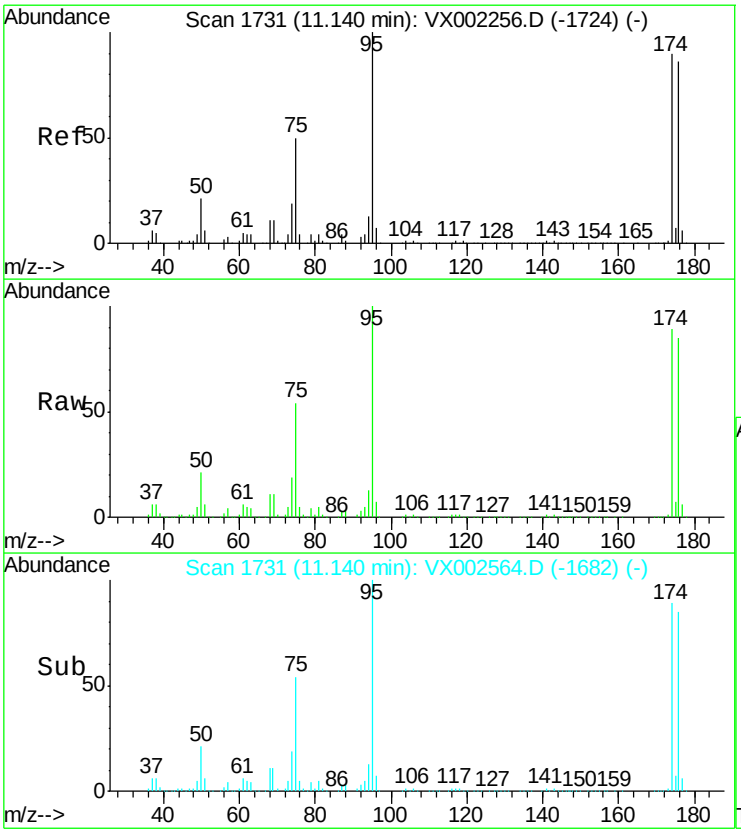
#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 43 Resp: 6160

Ion	Ratio	Lower	Upper
43	100		
58	38.9	28.6	42.8



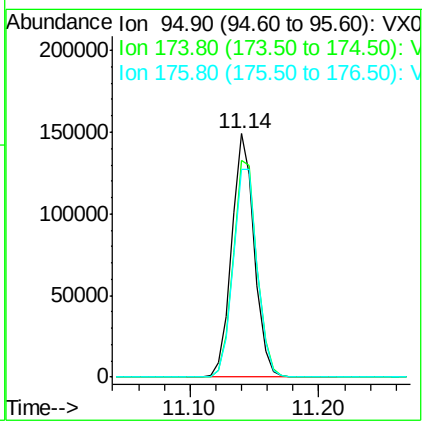
Instrument :
MSVOA_X
ClientSampleId :

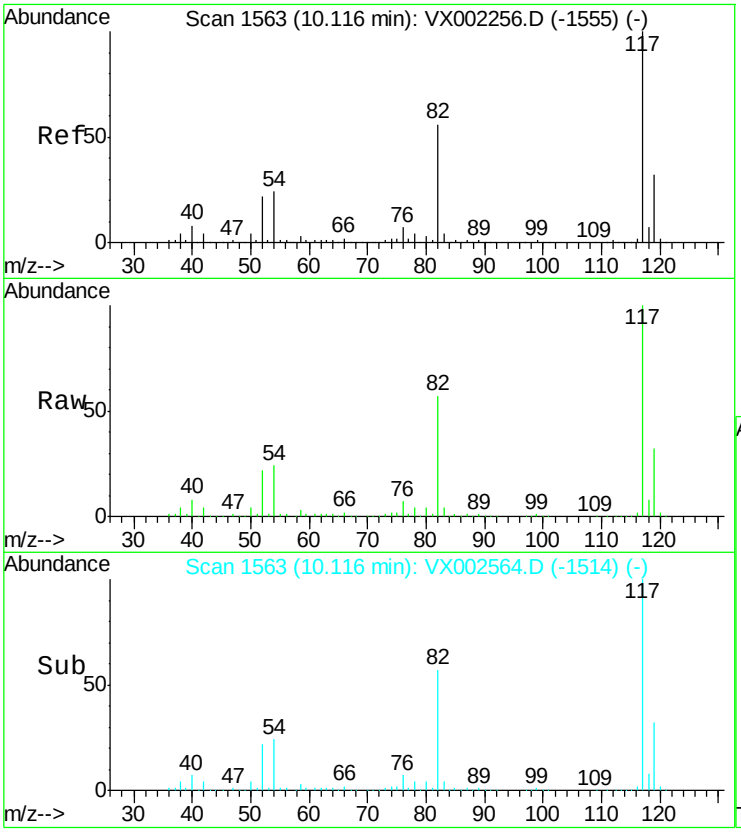


#62
4-Bromofluorobenzene
Concen: 44.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 95 Resp: 182163

Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	187.4
176	91.3	0.0	181.0



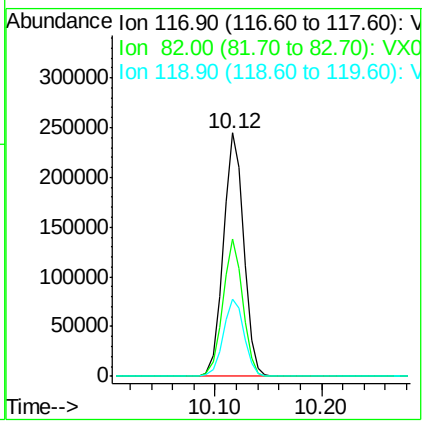


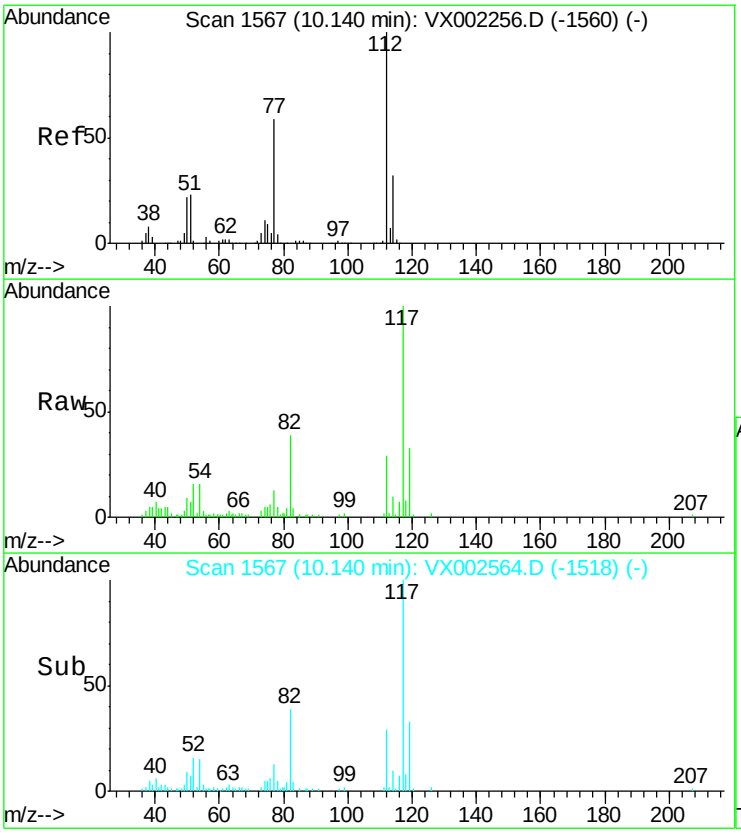
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 327163

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.0	67.4
119	31.9	25.8	38.6

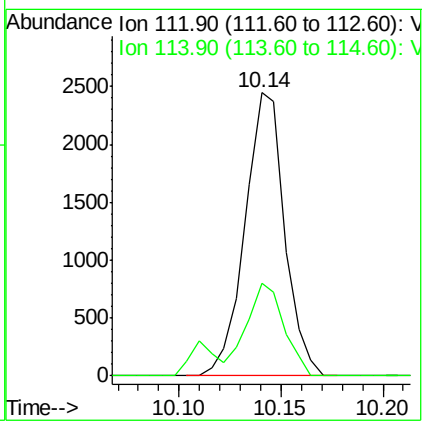


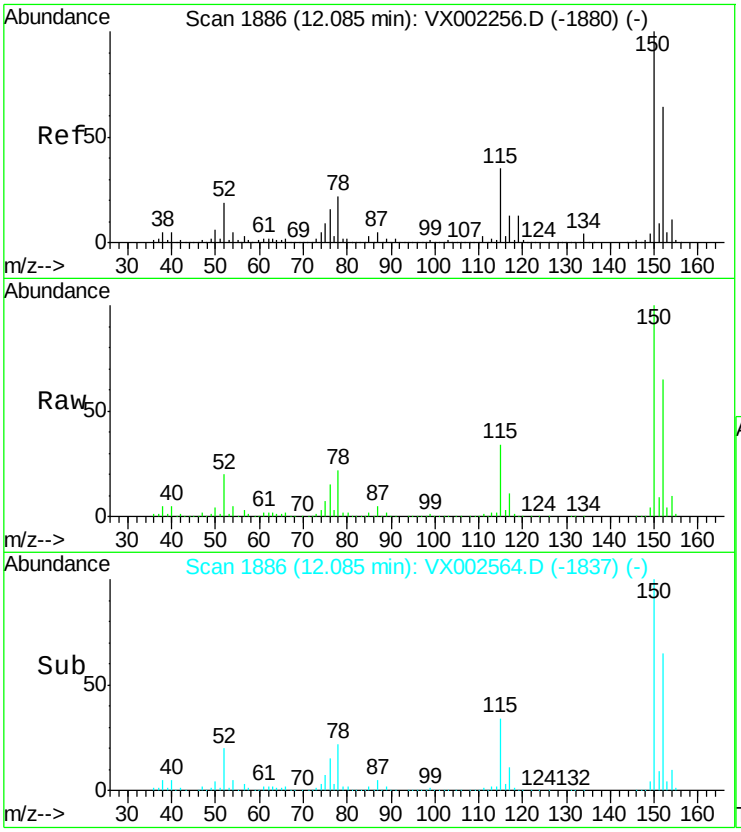


#65
Chlorobenzene
Concen: 0.41 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion:112 Resp: 3309

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.3	37.9



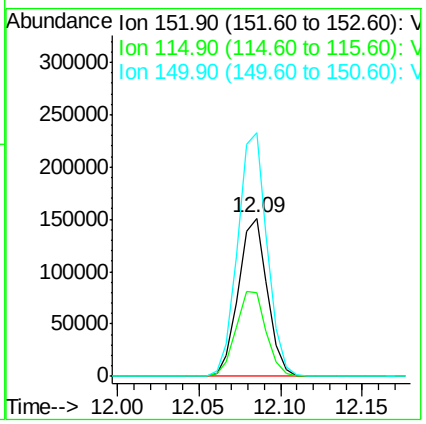


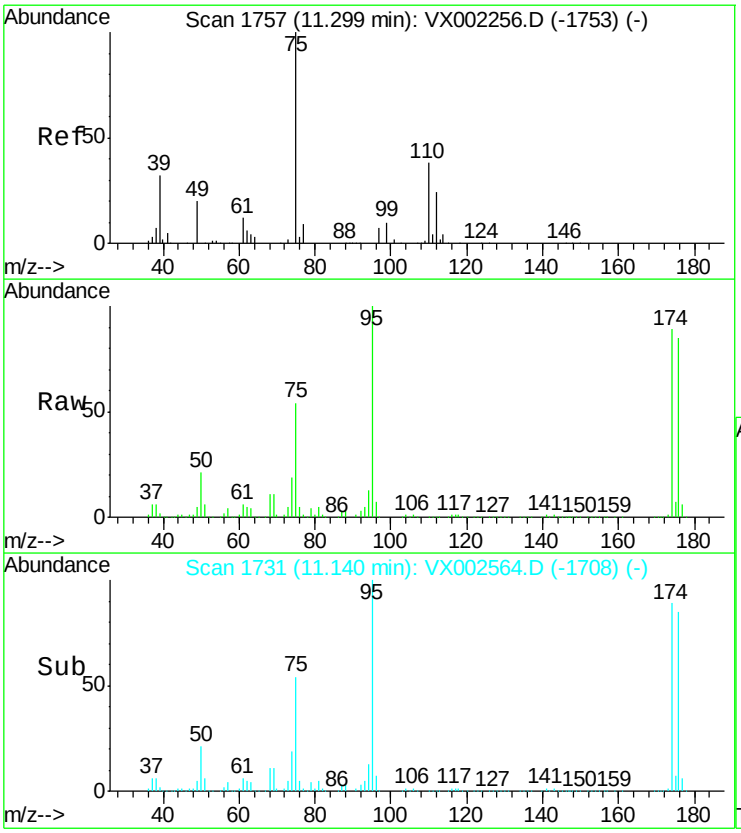
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 187616

Ion	Ratio	Lower	Upper
152	100		
115	55.4	40.1	120.2
150	155.9	0.0	347.2

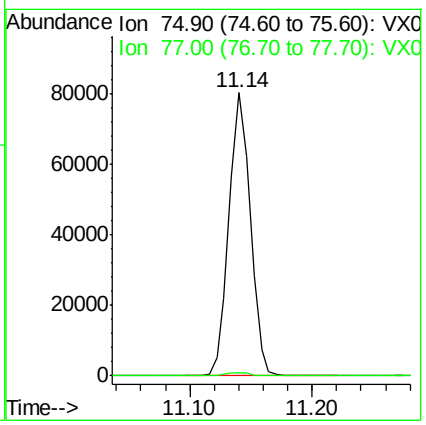


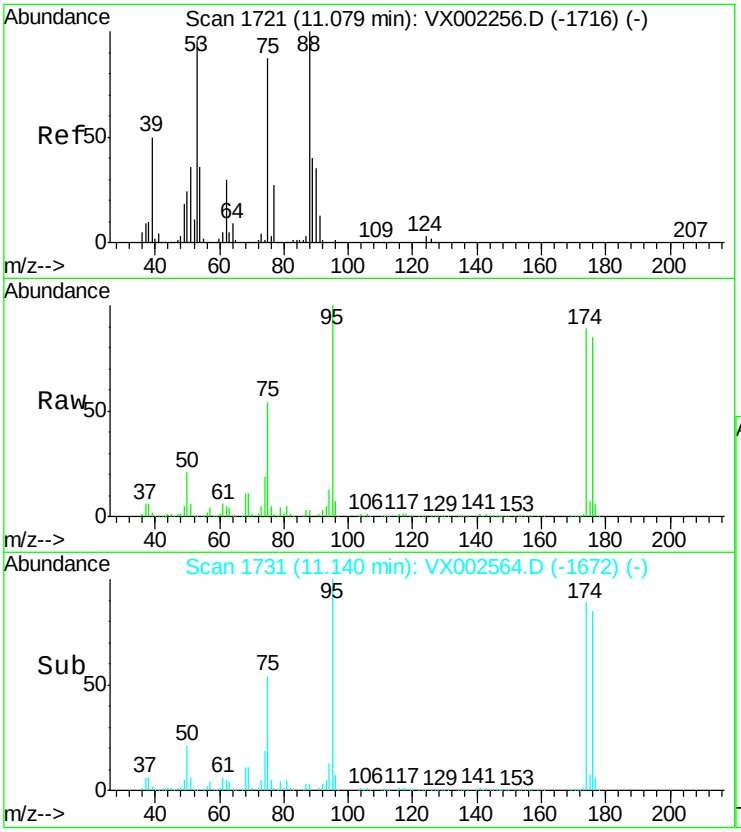


#76
1,2,3-Trichloropropane
Concen: 23.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Tgt Ion: 75 Resp: 96984

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002564.D
Acq: 14 Jun 2018 20:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 96984

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