Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061418\
Data File : VX002585.D
Acq On : 15 Jun 2018 06:55
Operator : JC/MD
Sample : J3241-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 15 08:04:15 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	225422	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	326215	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	307688	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178951	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	158774	49.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.40%				
35) Dibromofluoromethane	5.51	113	117605	45.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.68%				
50) Toluene-d8	8.72	98	470972	47.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.80%				
62) 4-Bromofluorobenzene	11.14	95	170589	44.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.98%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	338	Below Cal			93
5) Bromomethane	1.65	94	655	Below Cal		#	12
8) Diethyl Ether	2.18	74	287	Below Cal		#	33
11) Tert butyl alcohol	3.06	59	1333	Below Cal		#	94
13) Acrolein	2.28	56	511	Below Cal		#	72
15) Acrylonitrile	3.16	53	55	Below Cal		#	1
16) Acetone	2.45	43	15253	Below Cal			97
18) Methyl Acetate	2.78	43	21837	4.29	ug/l		96
19) Methyl tert-butyl Ether	3.16	73	59	Below Cal		#	42
20) Methylene Chloride	2.86	84	8339	0.54	ug/l		93
22) Diisopropyl ether	3.87	45	268	Below Cal		#	35
25) 2-Butanone	4.72	43	3277	1.48	ug/l		96
28) Bromochloromethane	4.89	49	24	Below Cal		#	13
29) Tetrahydrofuran	5.18	42	1233	0.87	ug/l	#	48
30) Chloroform	5.23	83	4291	0.86	ug/l		89
36) 1,1-Dichloropropene	5.67	75	16146	4.71	ug/l	#	50
38) Carbon Tetrachloride	5.66	117	21000	5.85	ug/l	#	15
39) Methylcyclohexane	7.46	83	151	0.30	ug/l	#	32
44) Trichloroethene	7.21	130	905	0.31	ug/l		79
47) Bromodichloromethane	7.90	83	1440	0.41	ug/l		91
51) 4-Methyl-2-Pentanone	8.65	43	1618	0.37	ug/l		98
65) Chlorobenzene	10.14	112	2519	0.33	ug/l		97
68) m/p-Xylenes	10.36	106	1694	0.34	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	93109	23.71	ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	93109	83.12	ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	2256	0.21	ug/l		89
95) Naphthalene	13.84	128	62966	4.83	ug/l		98

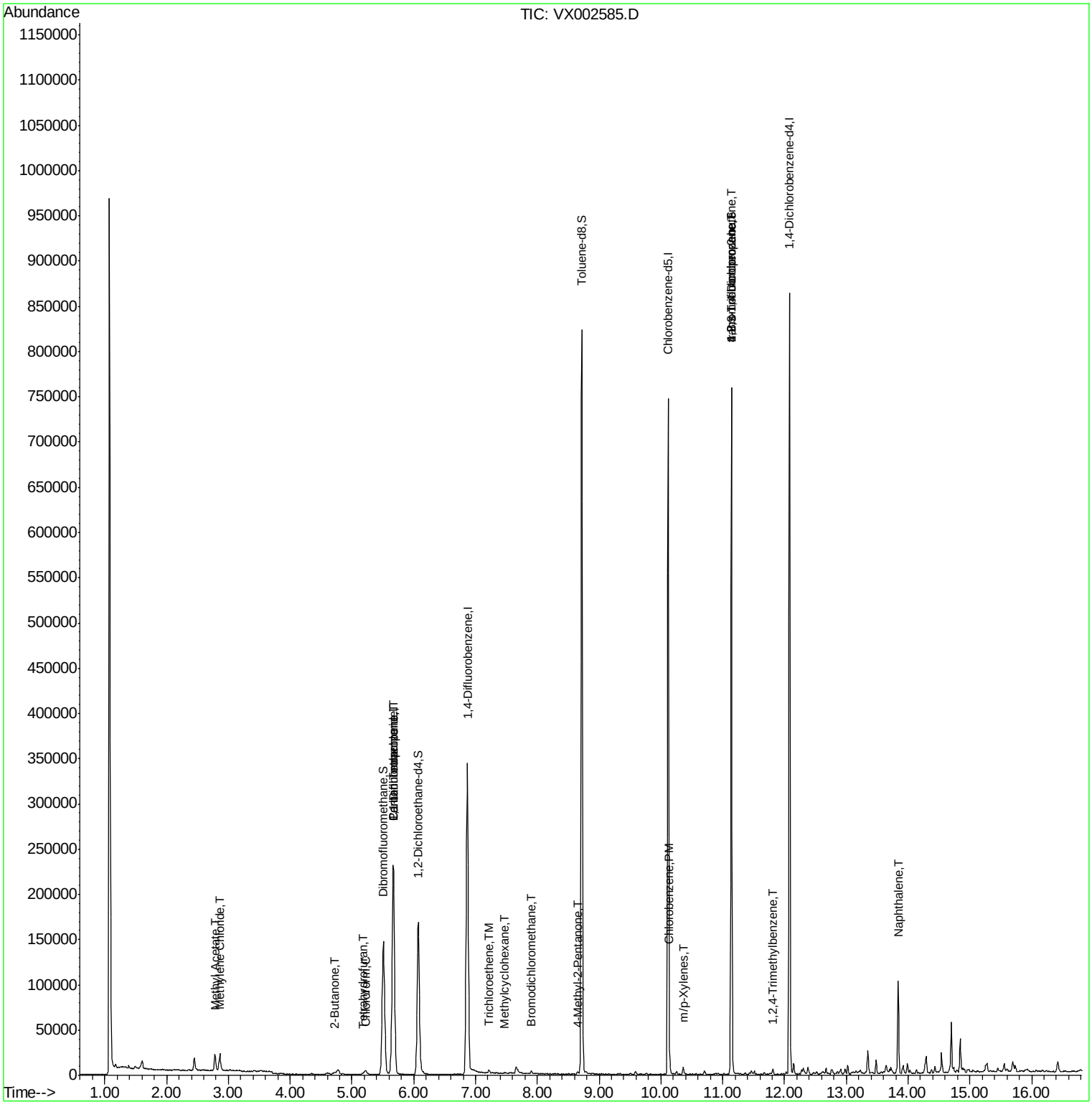
(#) = qualifier out of range (m) = manual integration (+) = signals summed

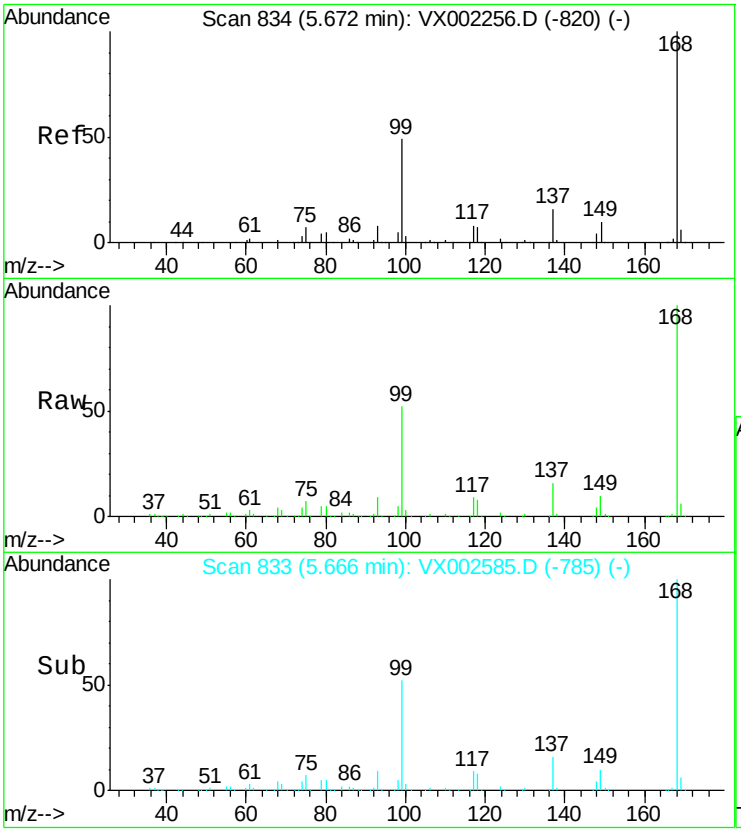
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002585.D
Acq On : 15 Jun 2018 06:55
Operator : JC/MD
Sample : J3241-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 08:04:15 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



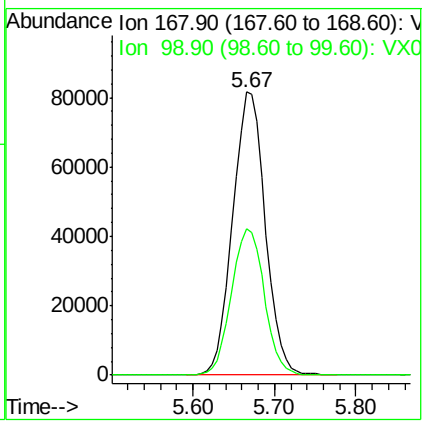


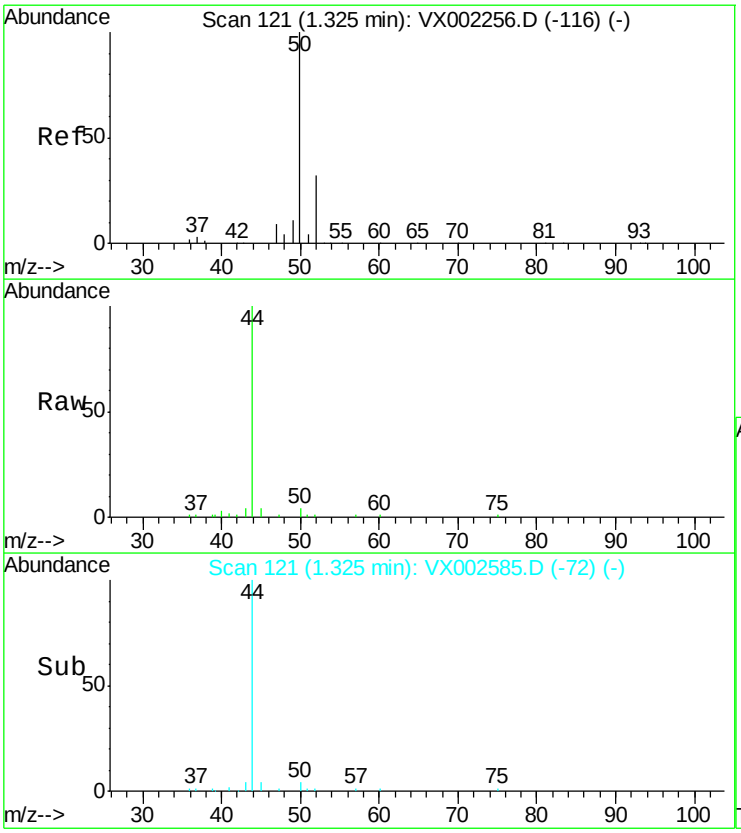
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 225422

Ion	Ratio	Lower	Upper
168	100		
99	51.9	39.3	58.9

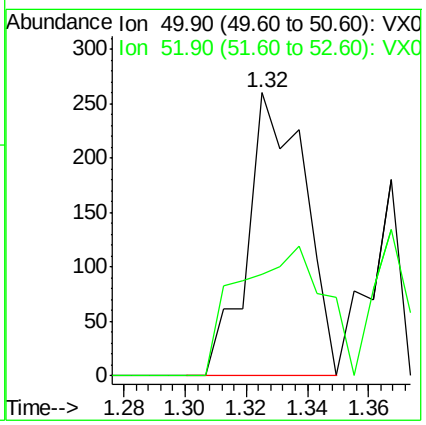


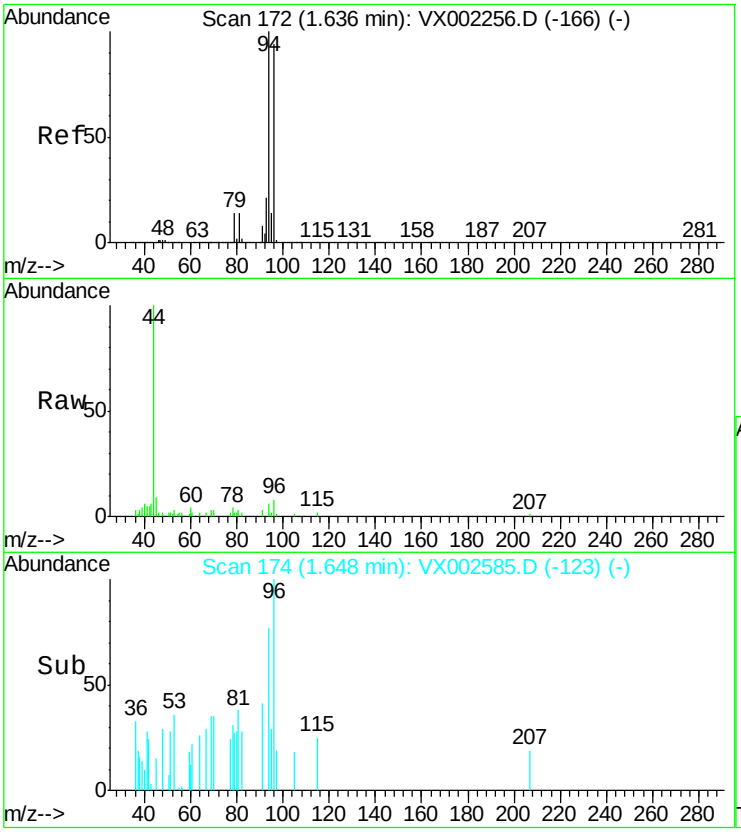


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 50 Resp: 338

Ion	Ratio	Lower	Upper
50	100		
52	35.8	25.7	38.5



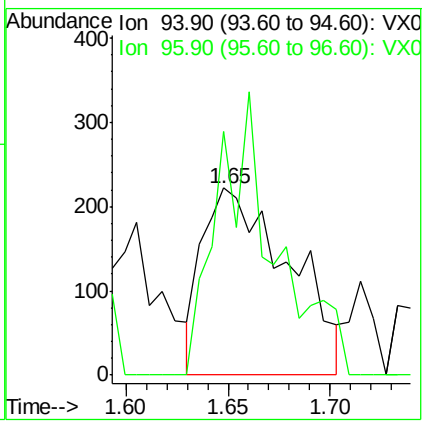


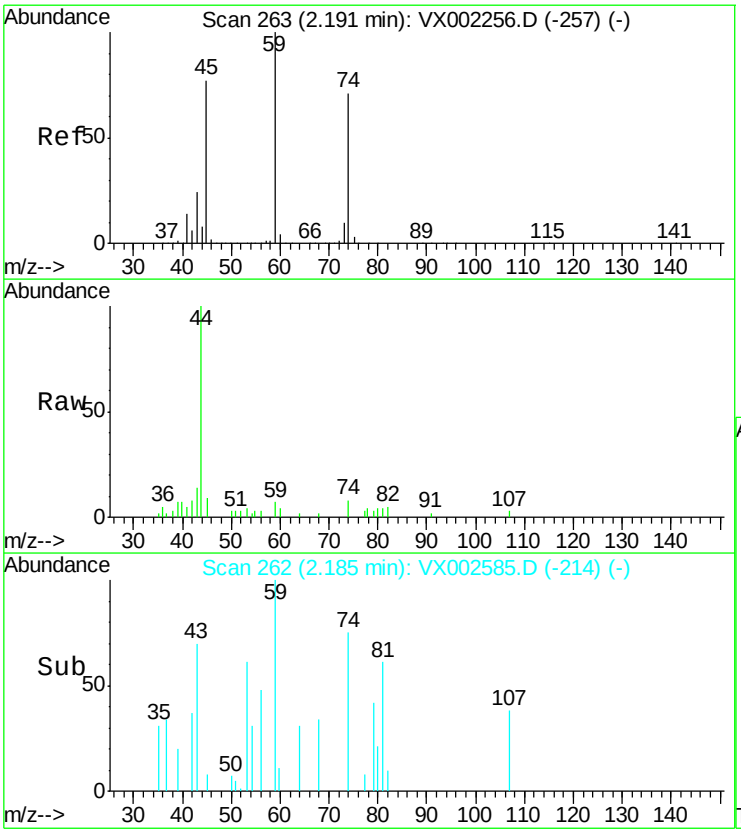
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 655

Ion	Ratio	Lower	Upper
94	100		
96	178.4	74.9	112.3#

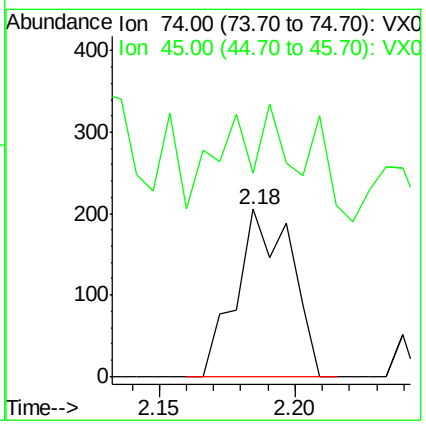


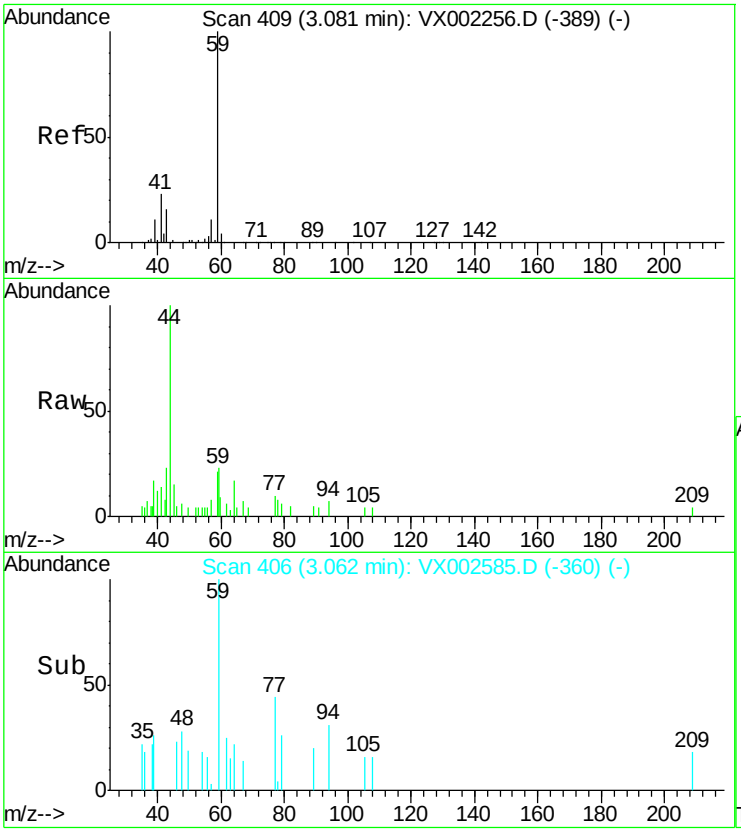


#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 74 Resp: 287

Ion	Ratio	Lower	Upper
74	100		
45	37.3	53.1	159.4#



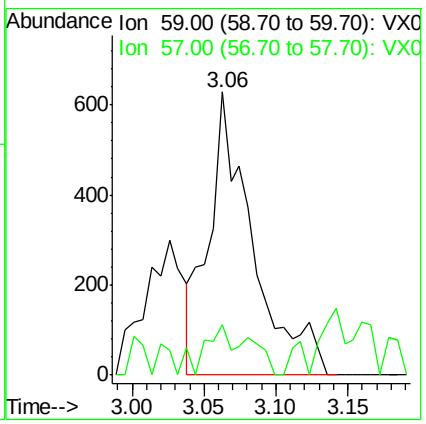


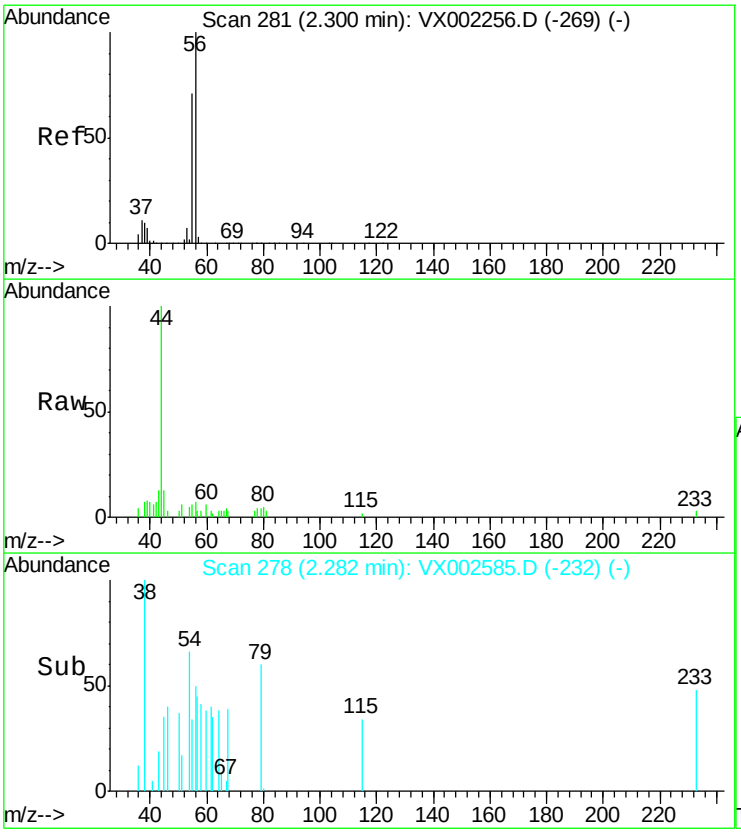
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1333

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.2	12.2#

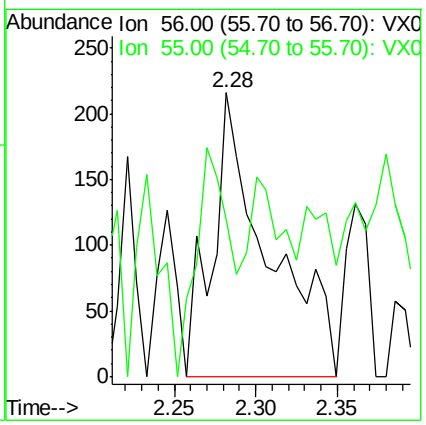


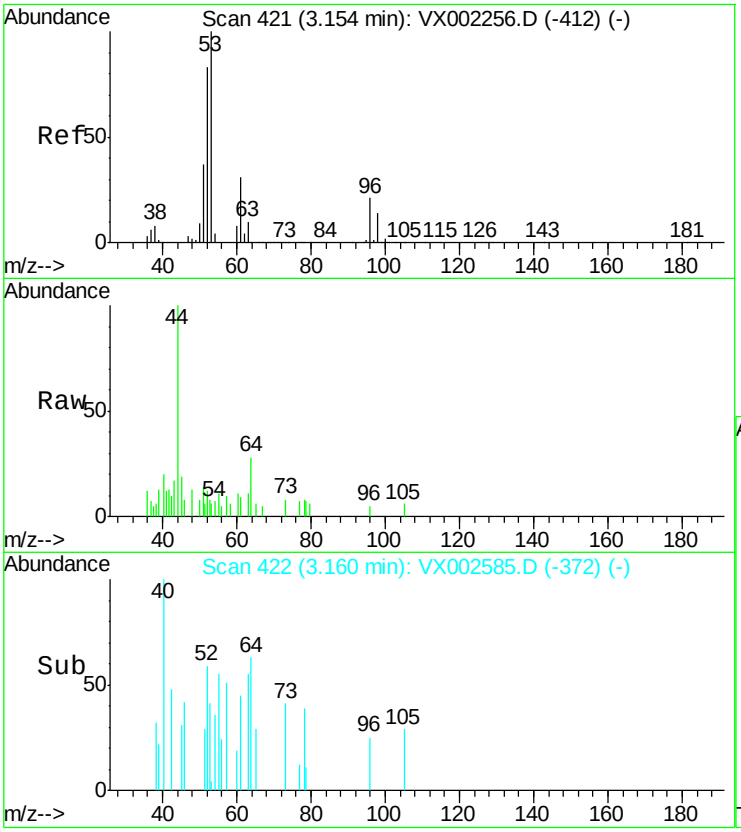


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 278
Delta R.T. -0.02 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 56 Resp: 511

Ion	Ratio	Lower	Upper
56	100		
55	47.7	57.0	85.4#



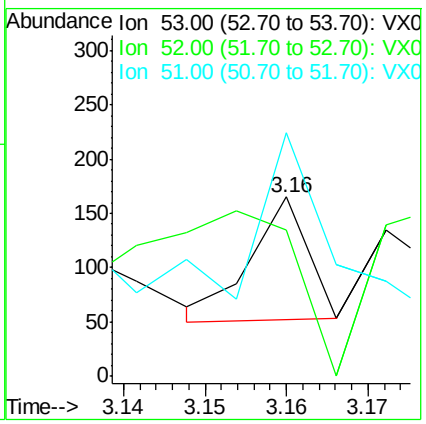


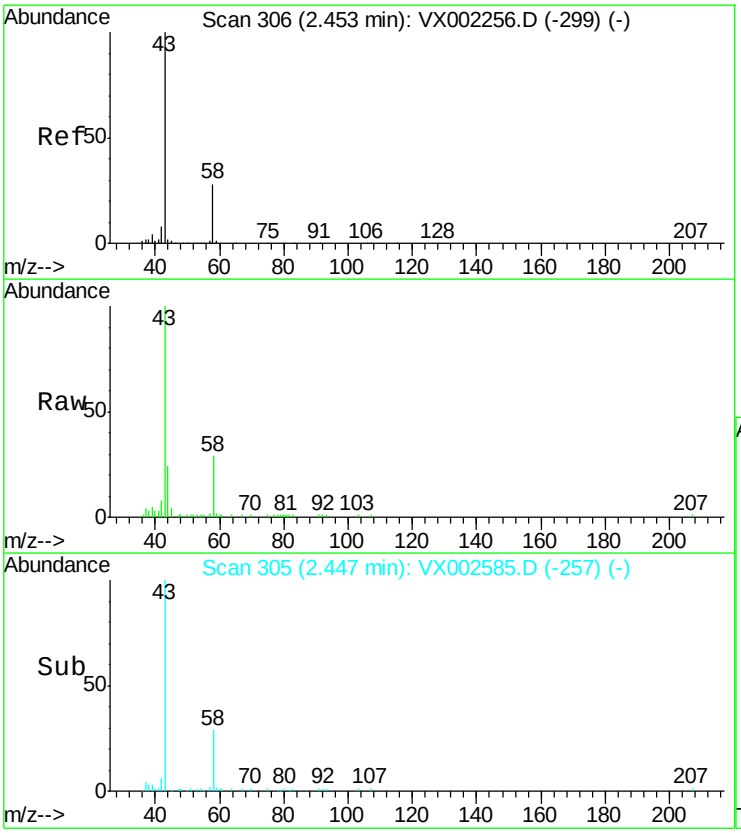
#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 55

Ion	Ratio	Lower	Upper
53	100		
52	420.0	66.7	100.1#
51	567.3	29.9	44.9#

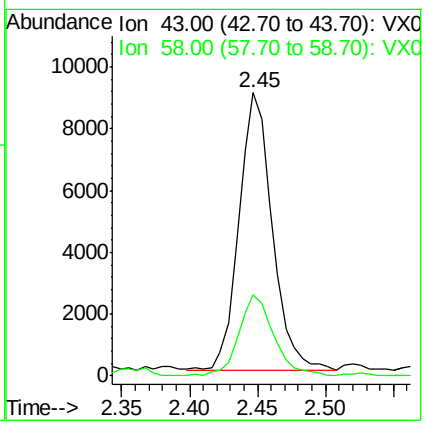


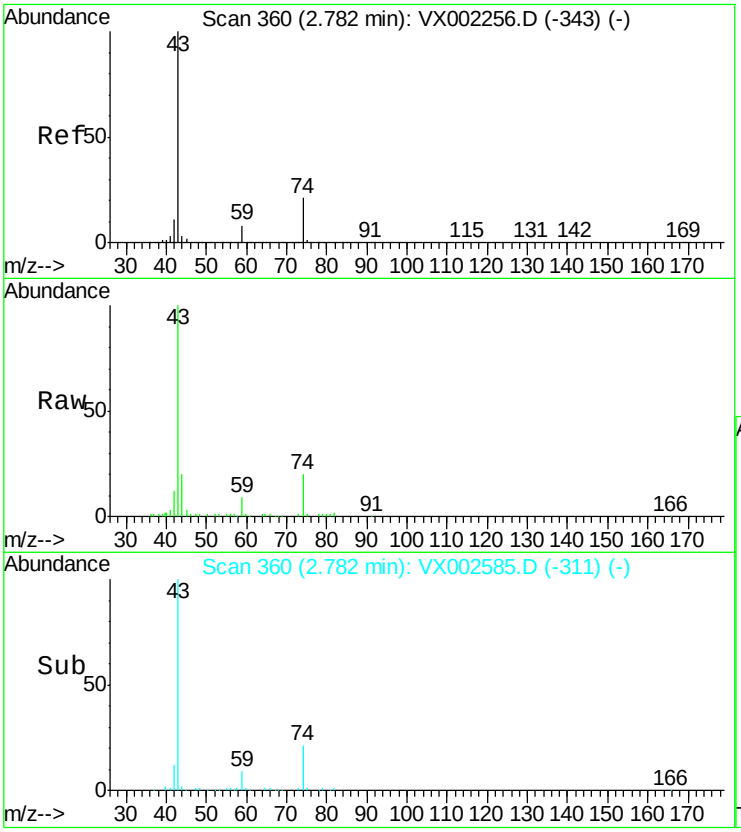


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 43 Resp: 15253

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.1	33.1



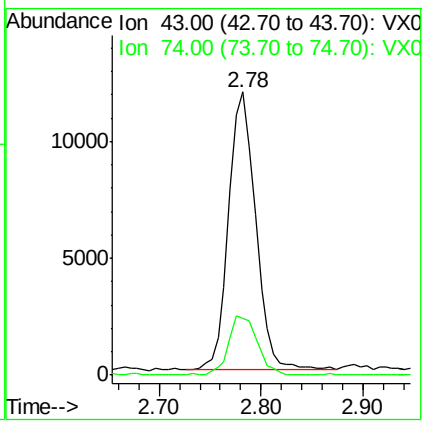


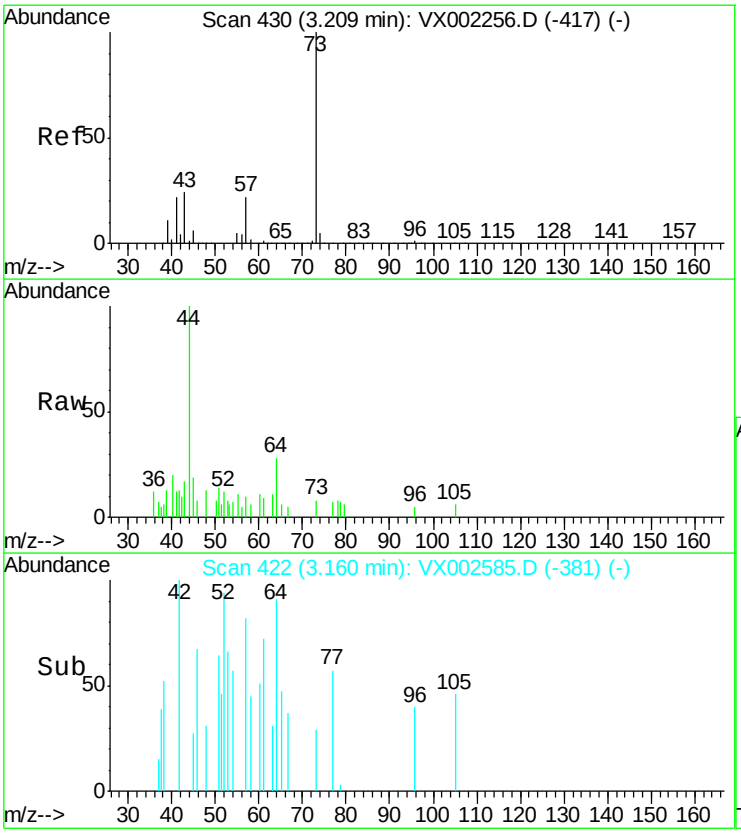
#18
Methyl Acetate
Concen: 4.29 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 21837

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.7	25.1

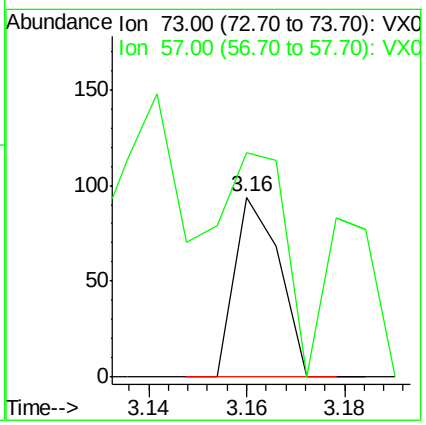


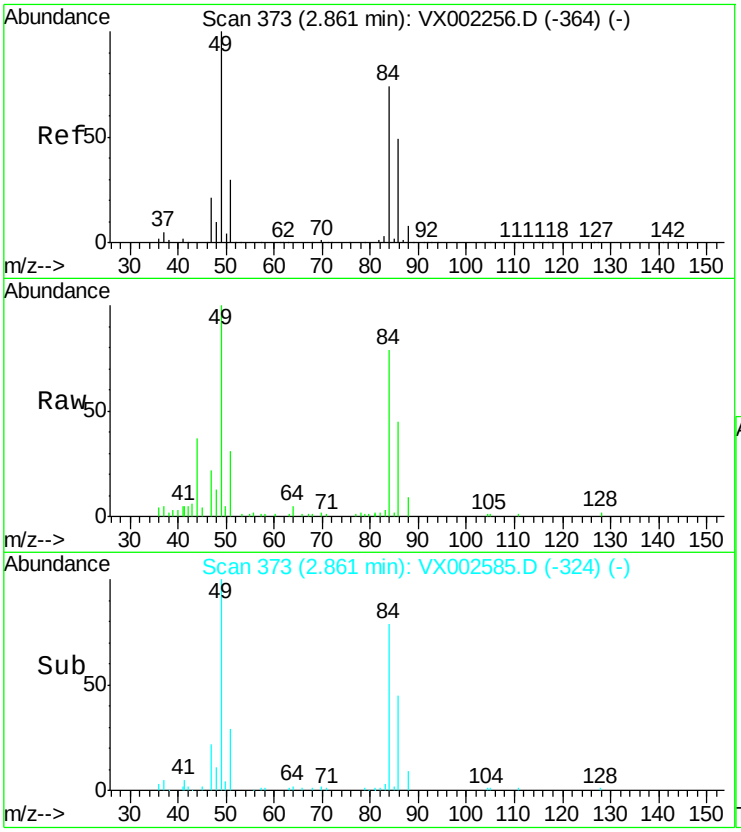


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. -0.05 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 73 Resp: 59

Ion	Ratio	Lower	Upper
73	100		
57	50.0	17.7	26.5#



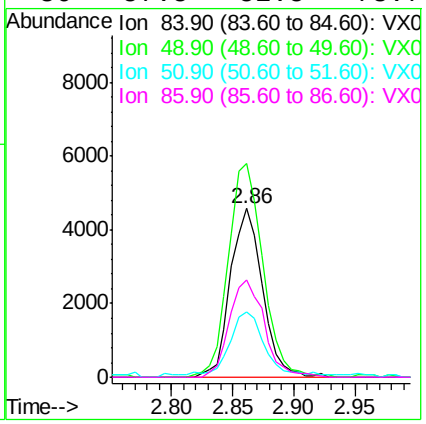


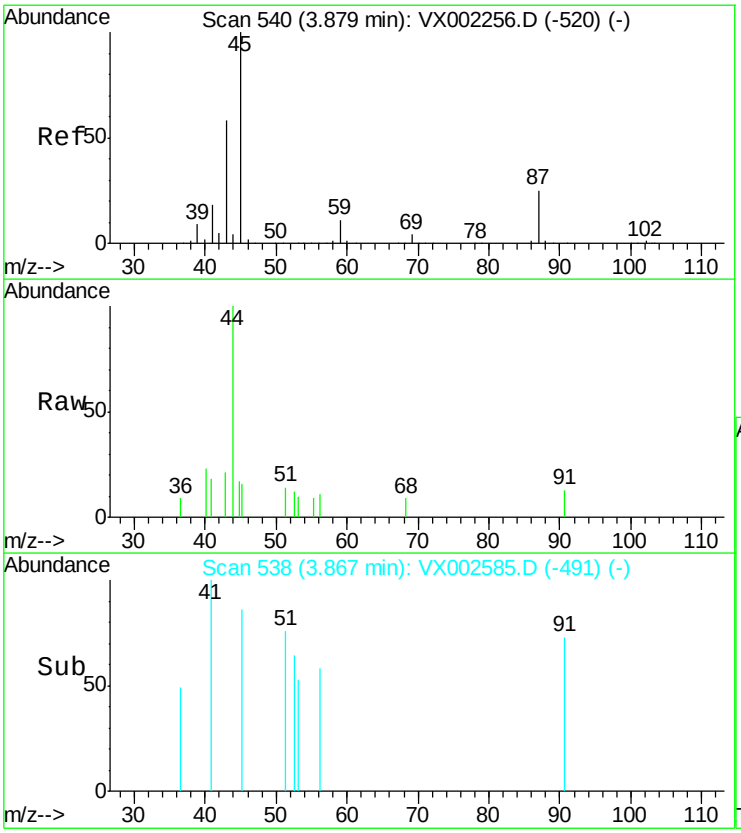
#20
Methylene Chloride
Concen: 0.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 8339

Ion	Ratio	Lower	Upper
84	100		
49	126.9	107.8	161.6
51	37.4	32.8	49.2
86	57.5	52.5	78.7

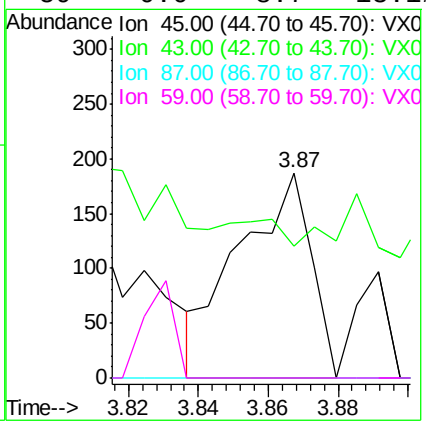


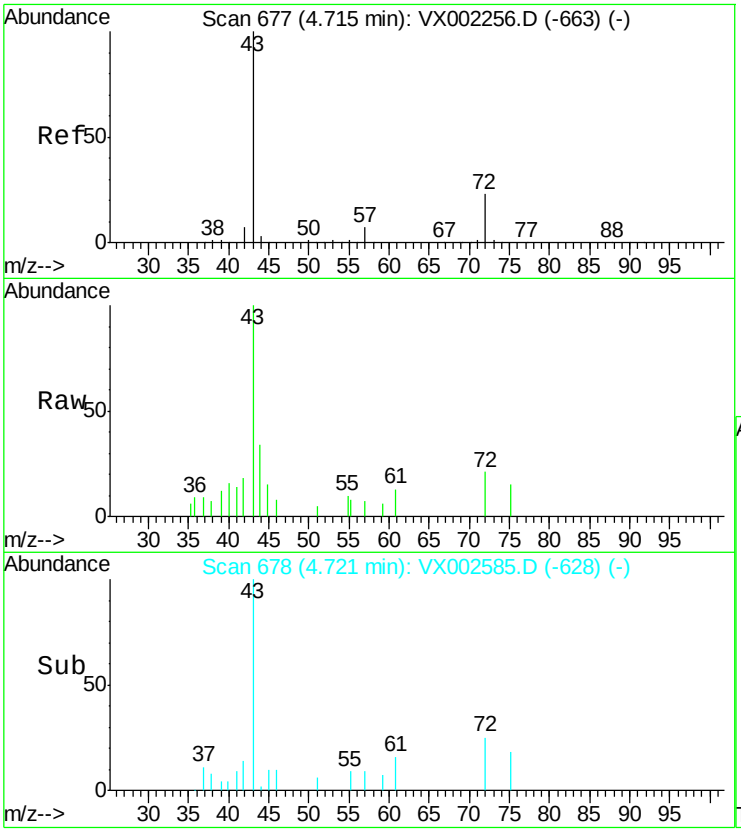


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 45 Resp: 268

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



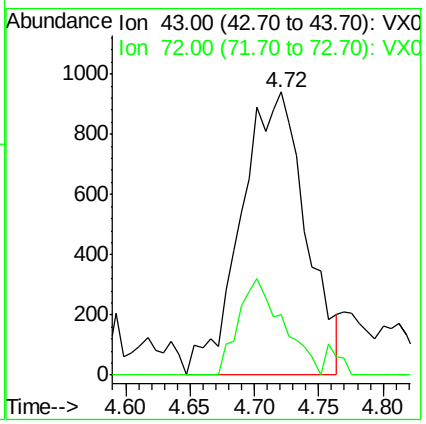


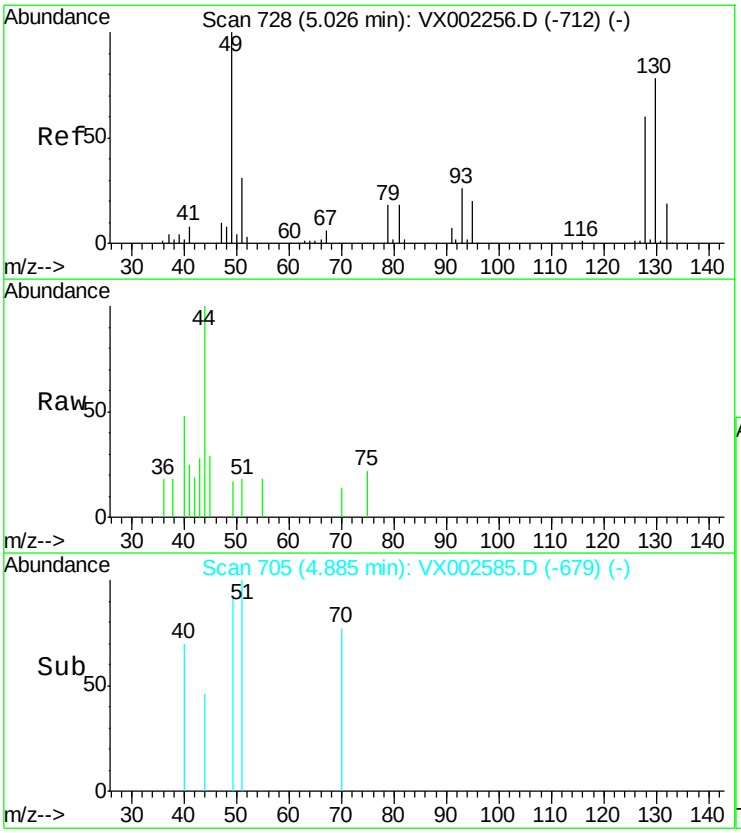
#25
2-Butanone
Concen: 1.48 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3277

Ion	Ratio	Lower	Upper
43	100		
72	21.3	18.5	27.7

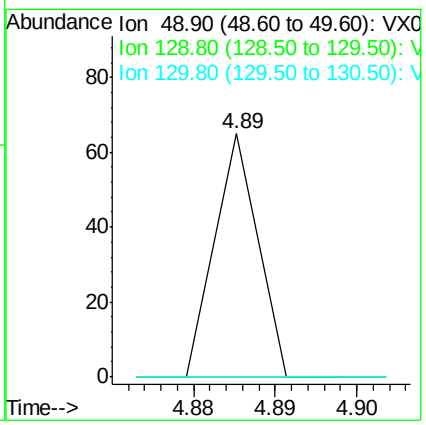


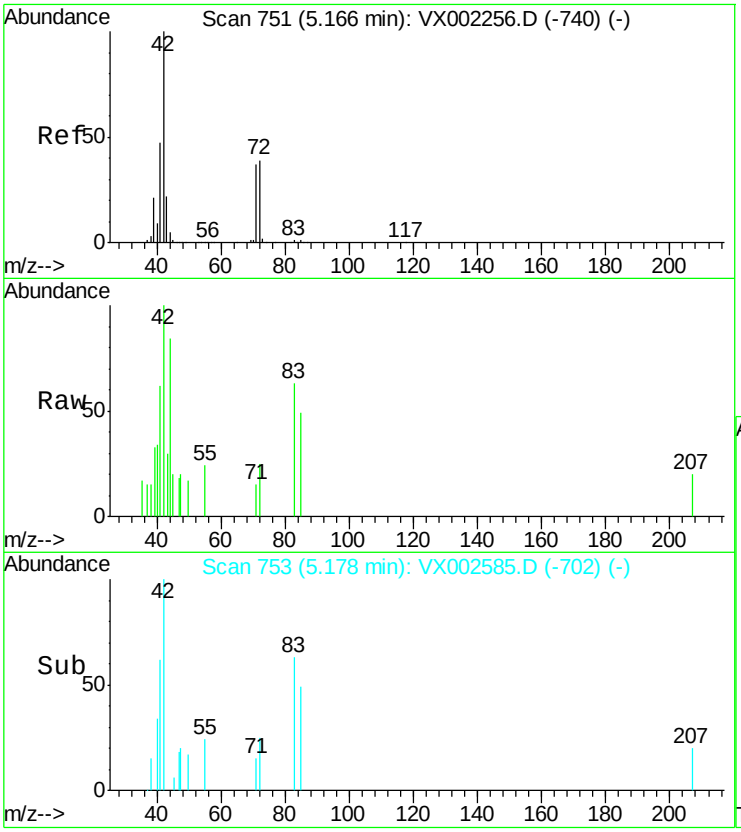


#28
Bromochloromethane
Concen: Below Cal
RT: 4.89 min Scan# 705
Delta R.T. -0.14 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

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#



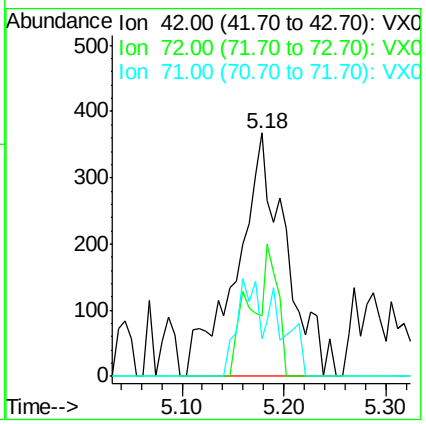


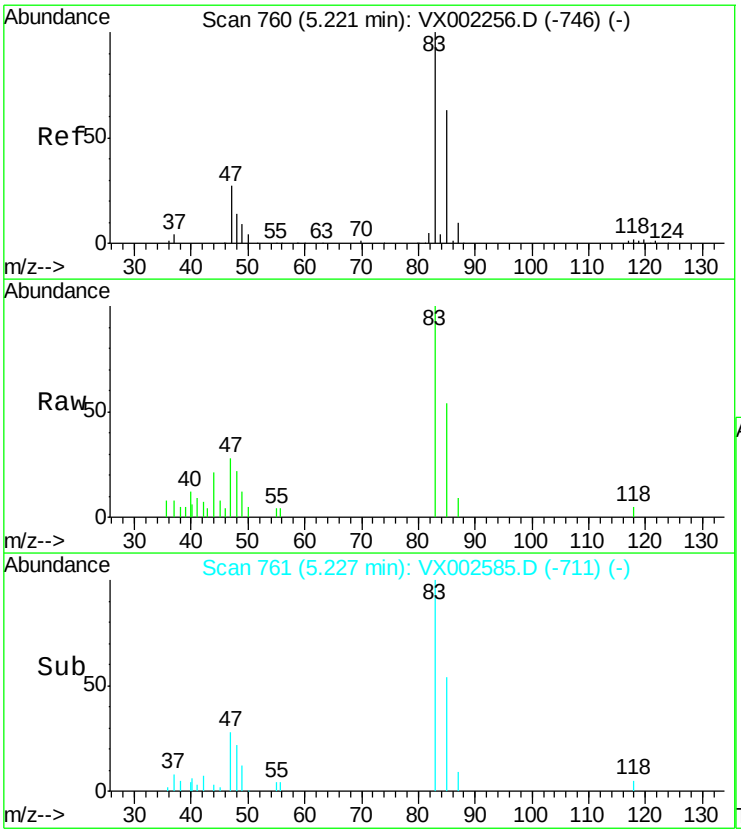
#29
Tetrahydrofuran
Concen: 0.87 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1233

Ion	Ratio	Lower	Upper
42	100		
72	14.1	32.0	48.0#
71	0.0	30.1	45.1#

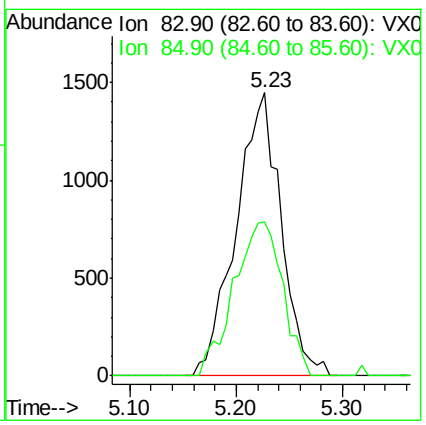


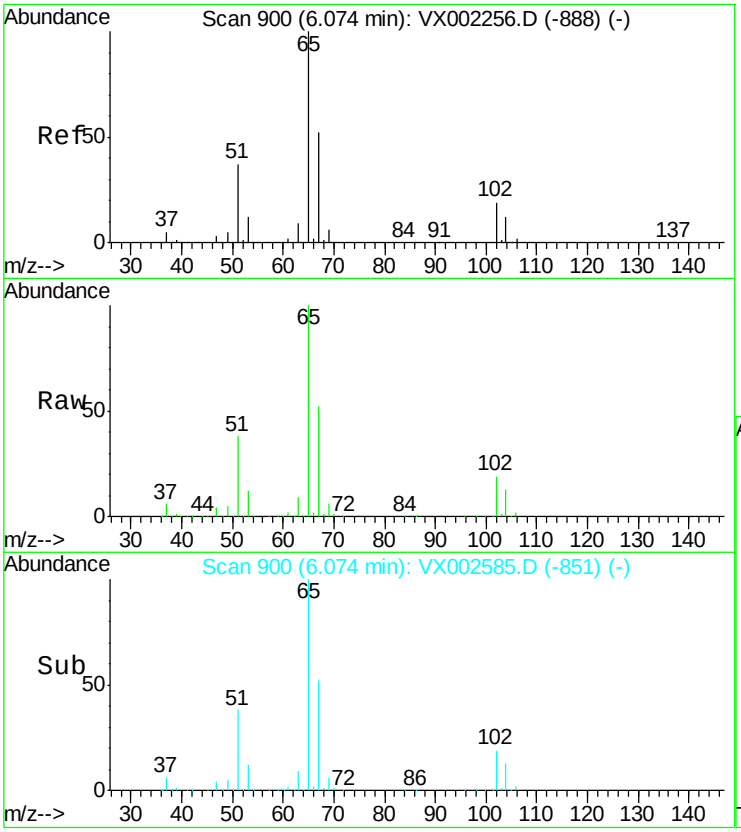


#30
Chloroform
Concen: 0.86 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 83 Resp: 4291

Ion	Ratio	Lower	Upper
83	100		
85	54.4	50.4	75.6



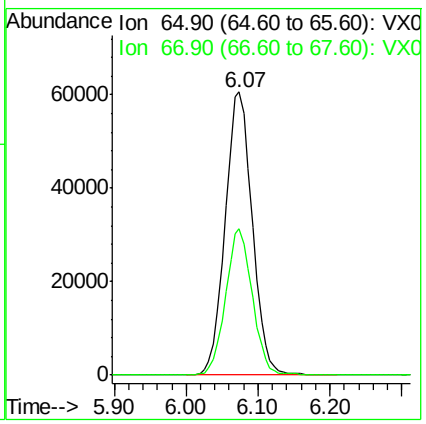


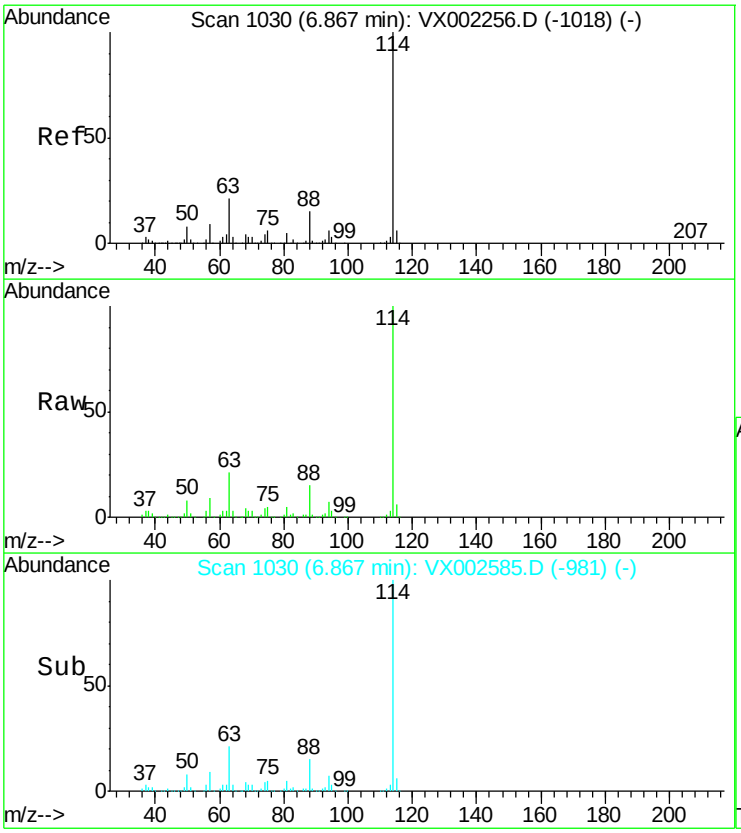
#33
1,2-Dichloroethane-d4
Concen: 49.20 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 158774

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.6

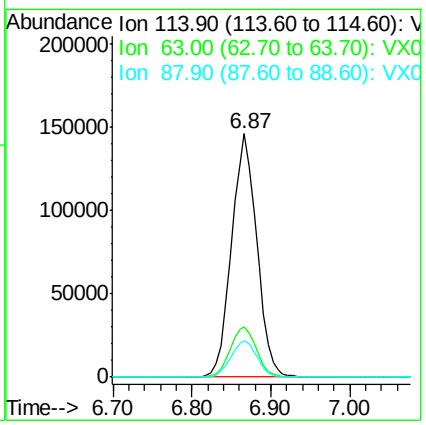


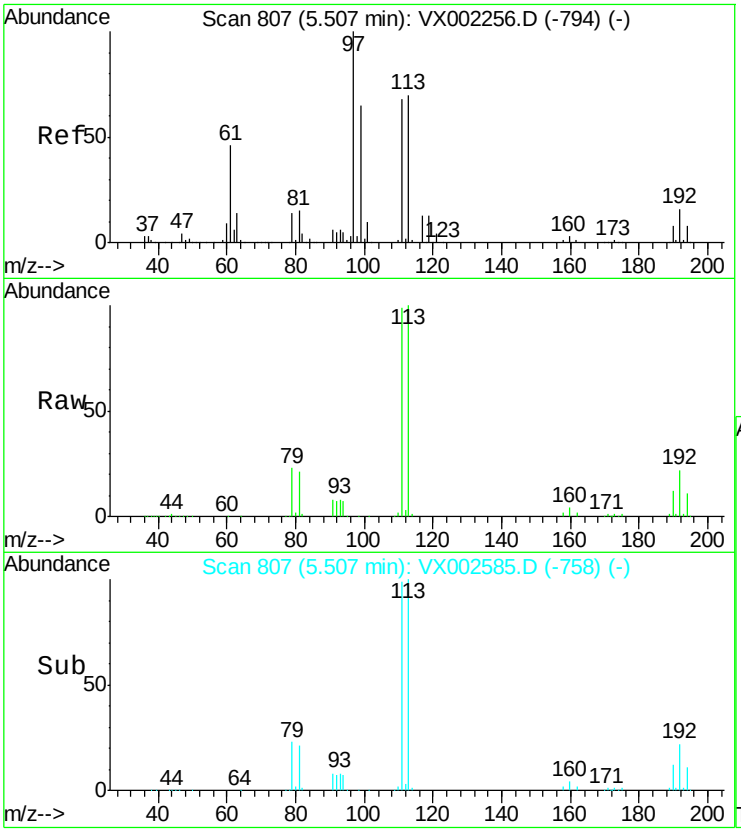


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion:114 Resp: 326215

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	15.0	0.0	30.0



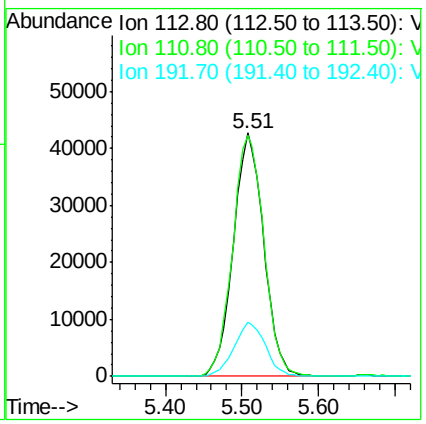


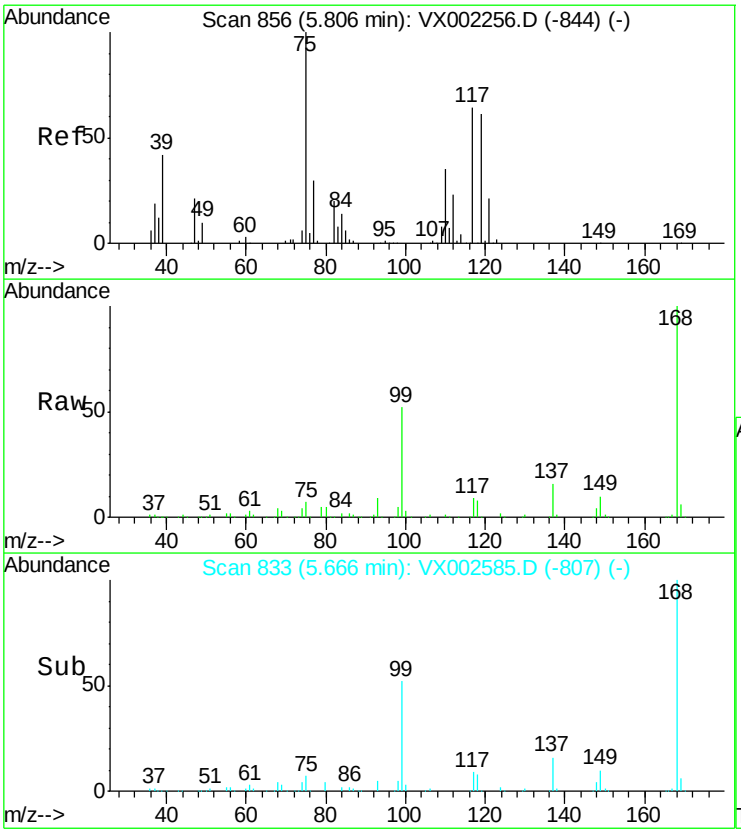
#35
Dibromofluoromethane
Concen: 45.84 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 117605

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	22.9	19.1	28.7

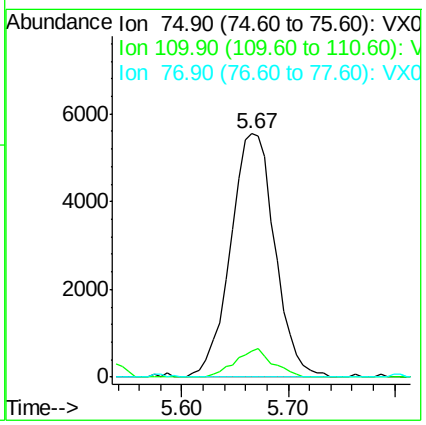


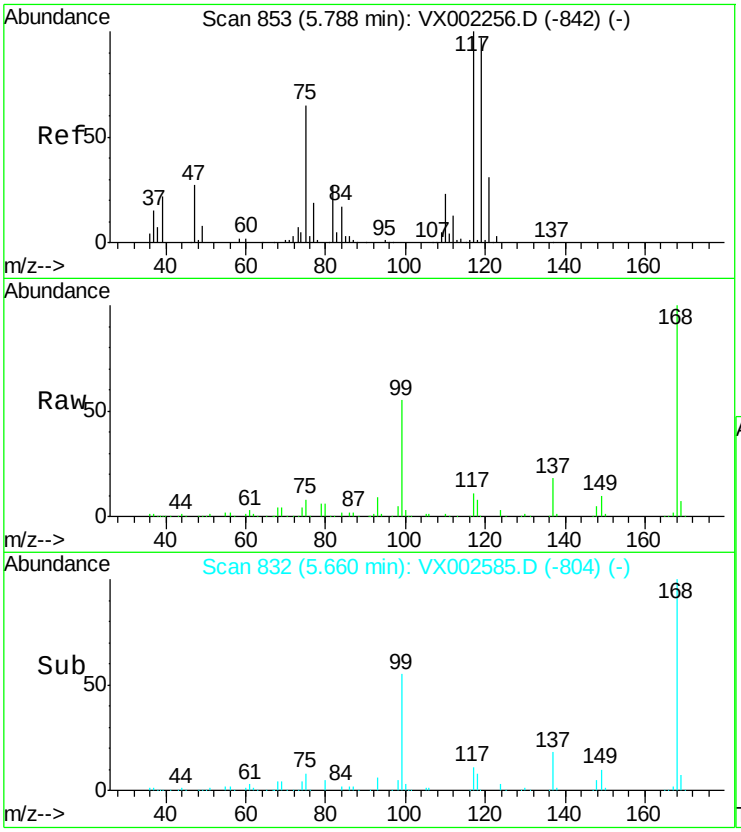


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 75 Resp: 16146

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	24.3	36.5#



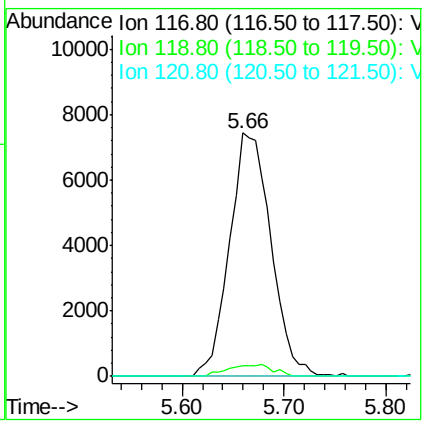


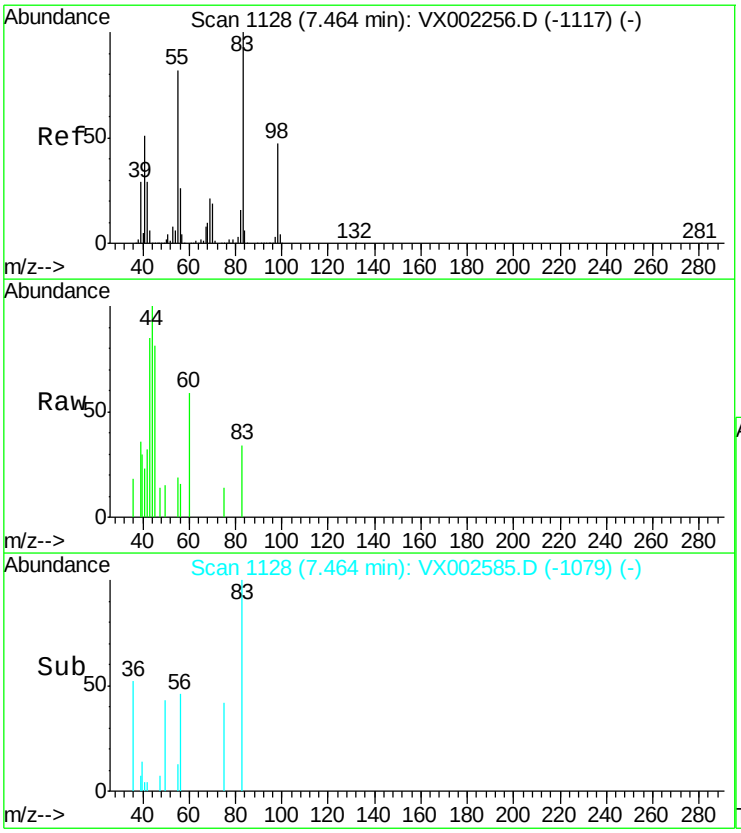
#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21000

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
121	0.0	24.4	36.6#

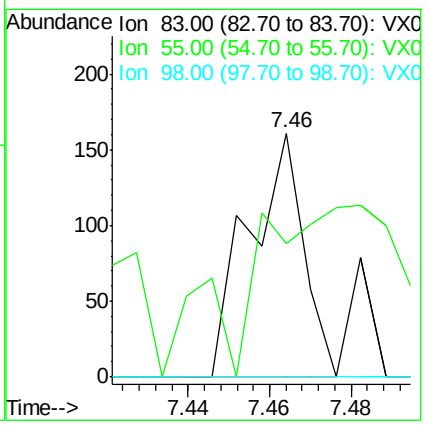


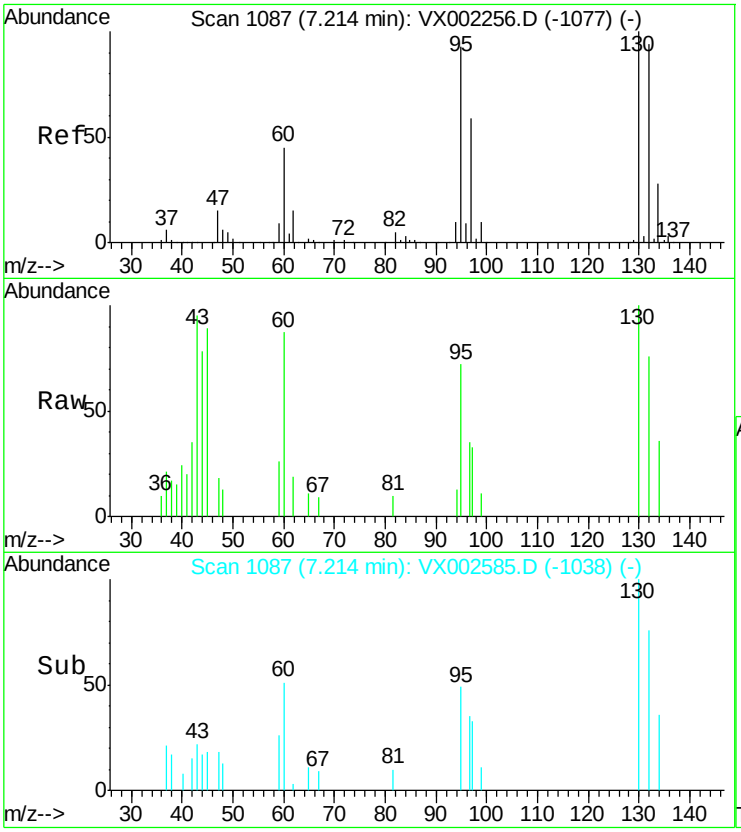


#39
Methylcyclohexane
Concen: 0.30 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 83 Resp: 151

Ion	Ratio	Lower	Upper
83	100		
55	21.7	65.4	98.0#
98	0.0	37.4	56.0#



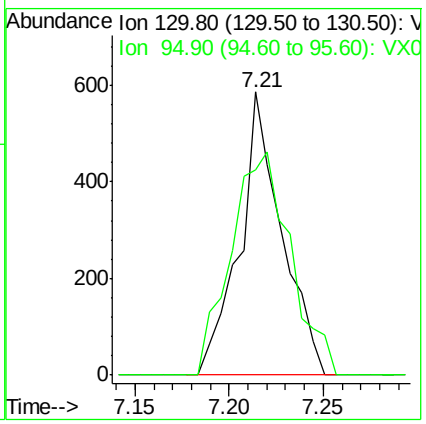


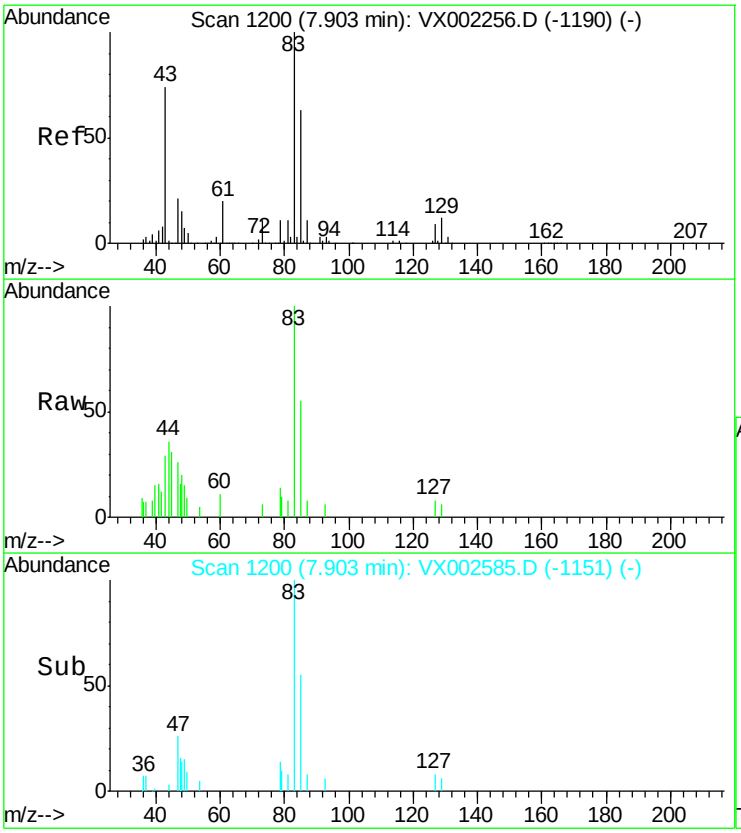
#44
Trichloroethene
Concen: 0.31 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 905

Ion	Ratio	Lower	Upper
130	100		
95	72.4	0.0	185.4

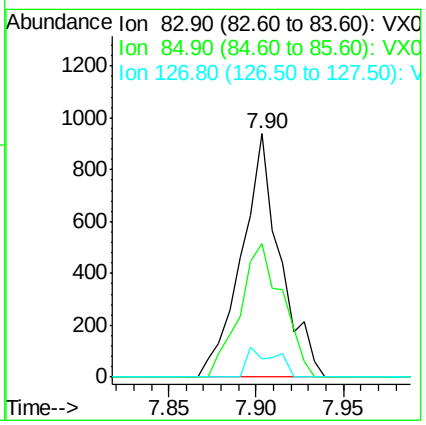


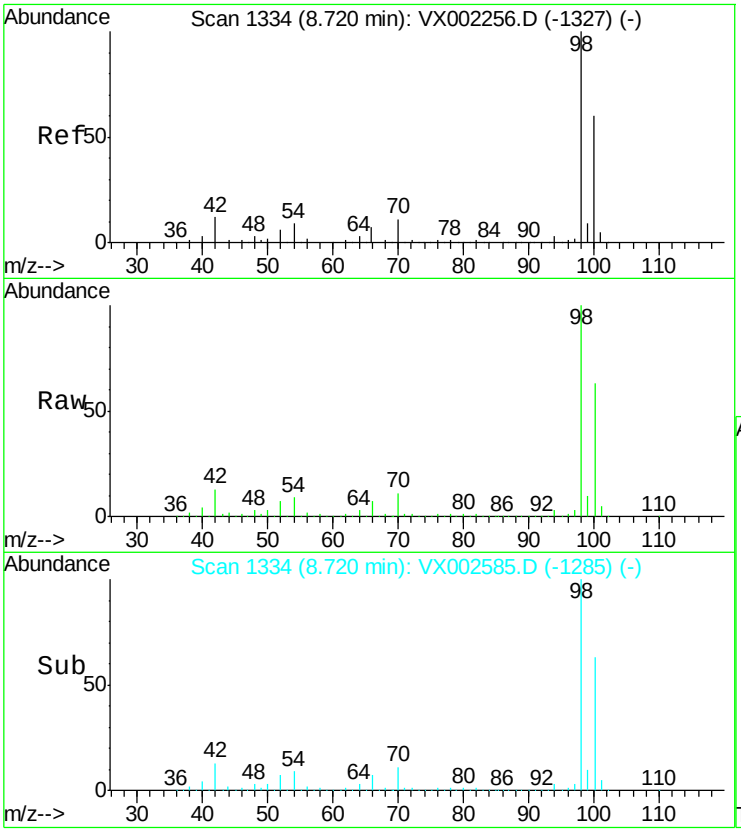


#47
Bromodichloromethane
Concen: 0.41 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 83 Resp: 1440

Ion	Ratio	Lower	Upper
83	100		
85	55.1	50.3	75.5
127	7.8	7.0	10.4



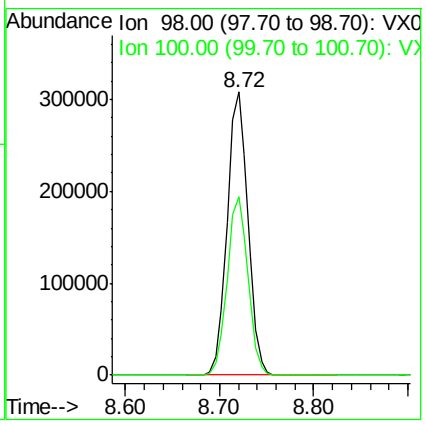


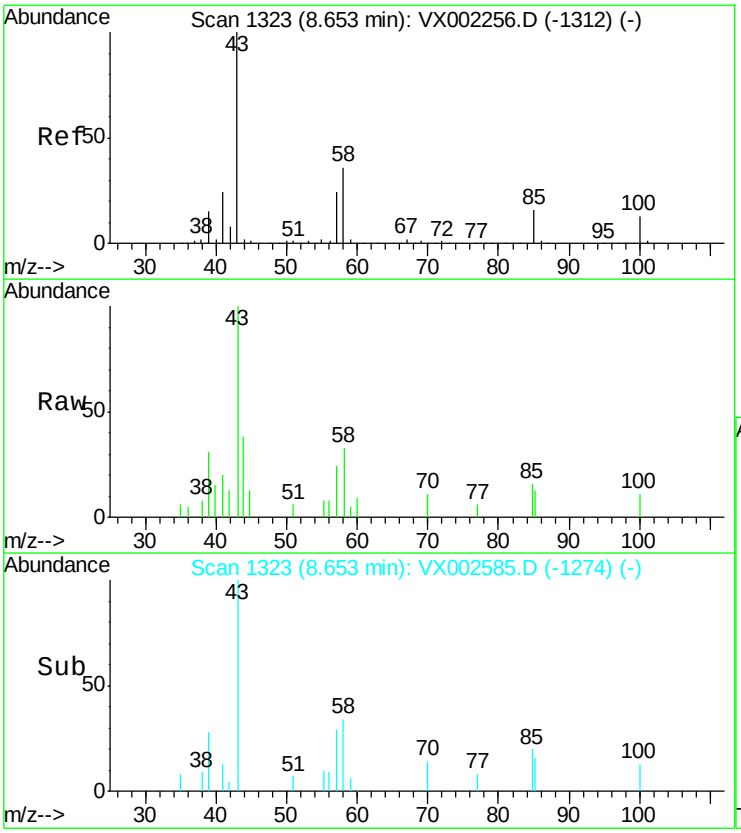
#50
Toluene-d8
Concen: 47.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 470972

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3

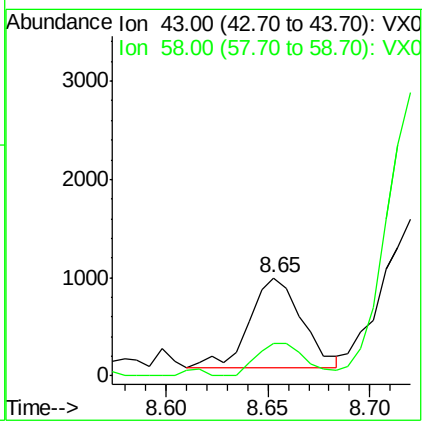


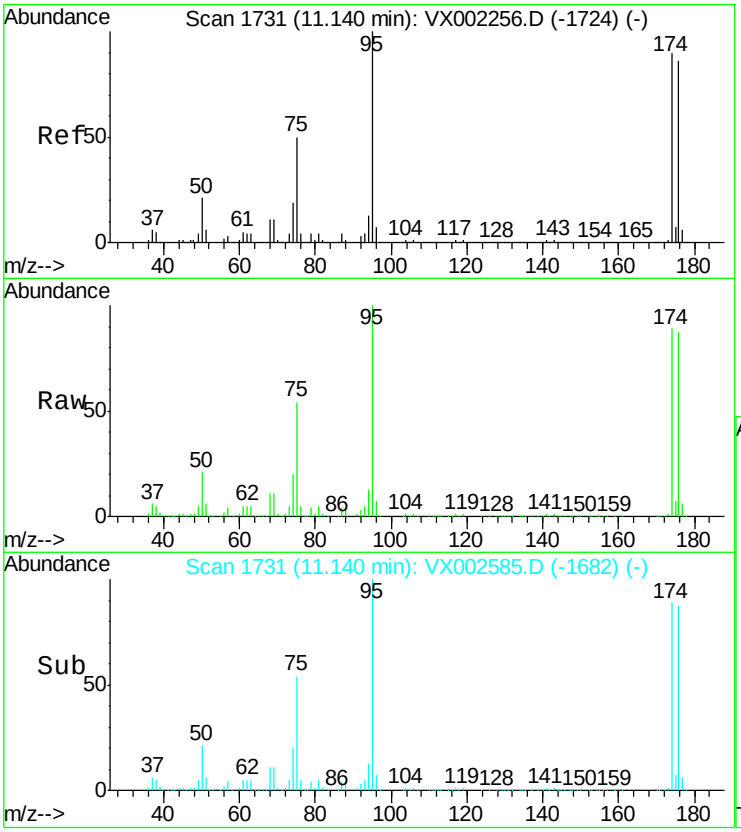


#51
4-Methyl-2-Pentanone
Concen: 0.37 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 43 Resp: 1618

Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.6	42.8



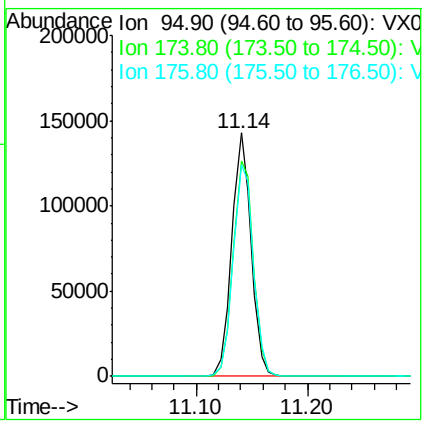


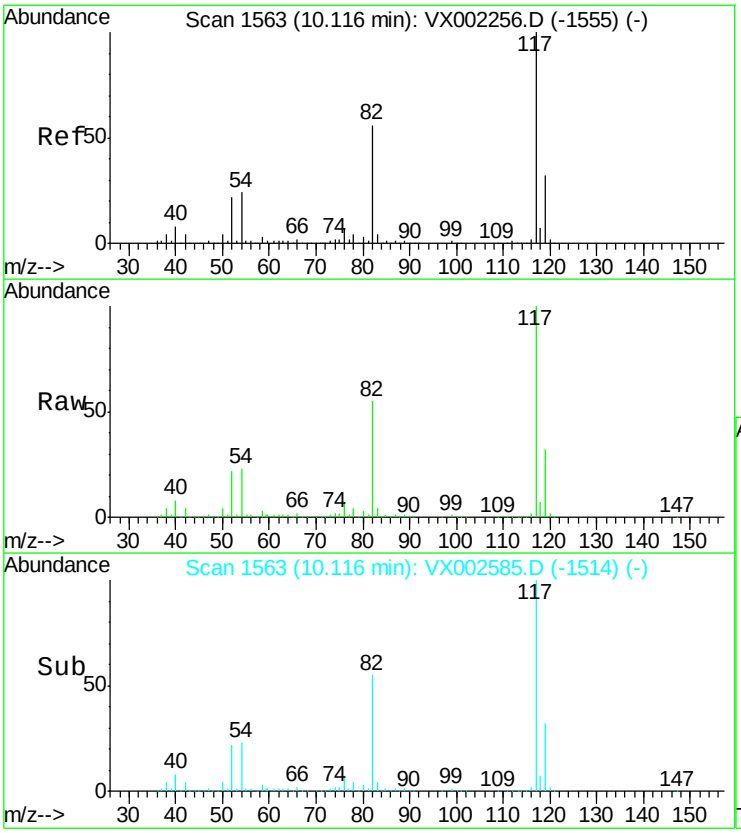
#62
4-Bromofluorobenzene
Concen: 44.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 170589

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	187.4
176	91.8	0.0	181.0

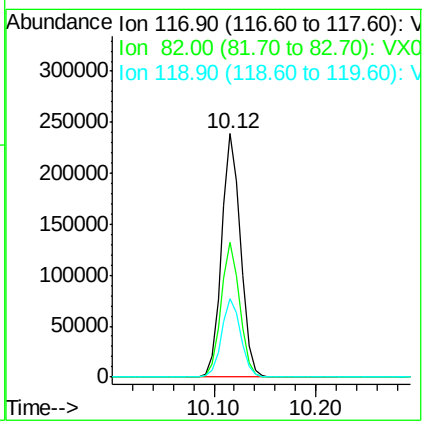


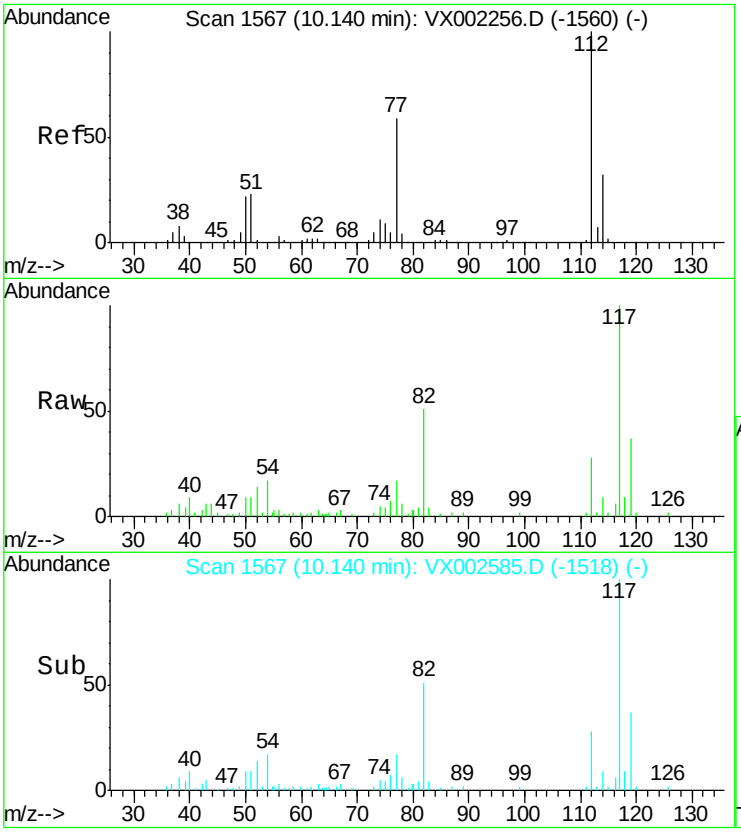


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion:117 Resp: 307688

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	32.3	25.8	38.6



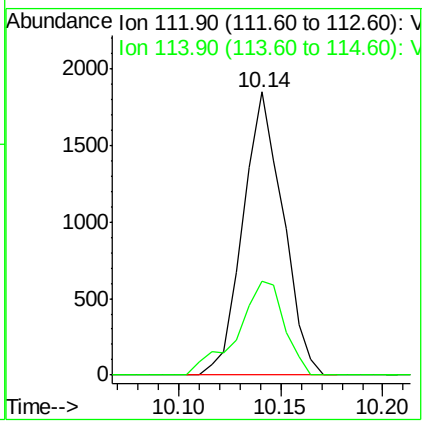


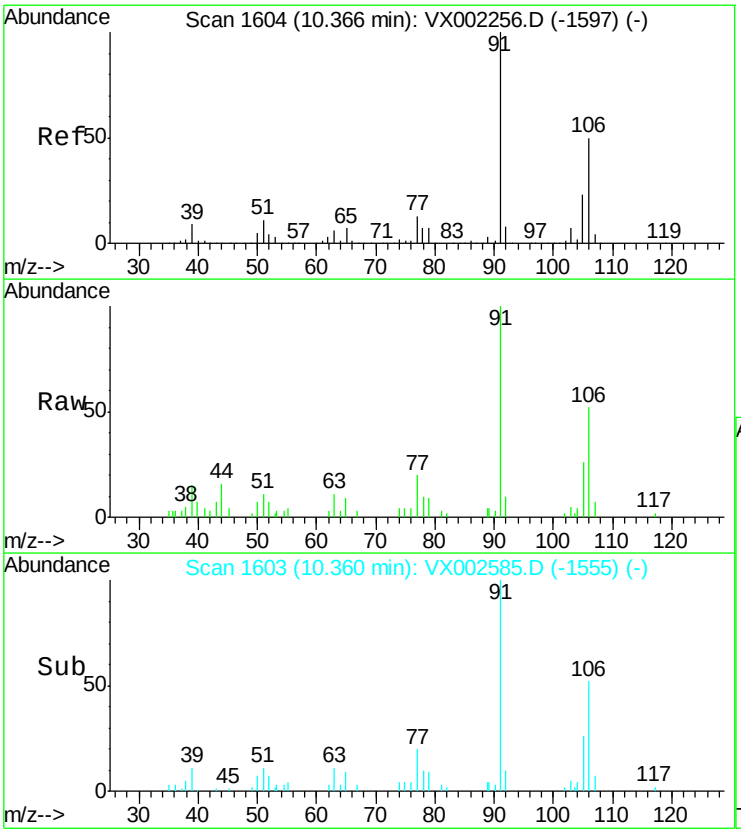
#65
Chlorobenzene
Concen: 0.33 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 2519

Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.3	37.9

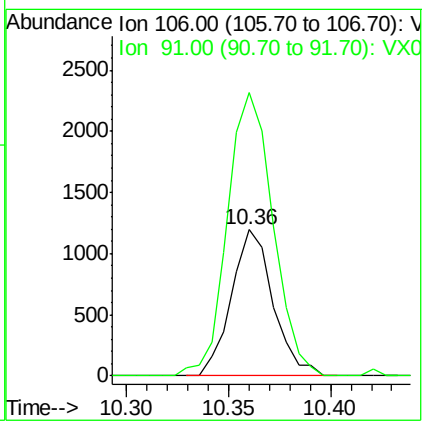


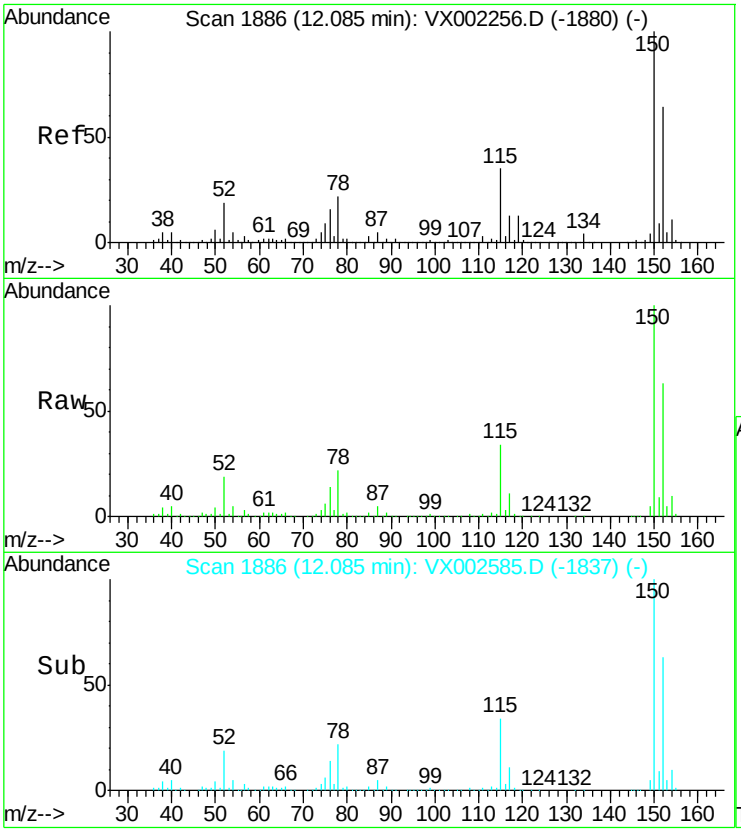


#68
m/p-Xylenes
Concen: 0.34 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion:106 Resp: 1694

Ion	Ratio	Lower	Upper
106	100		
91	211.3	163.4	245.2



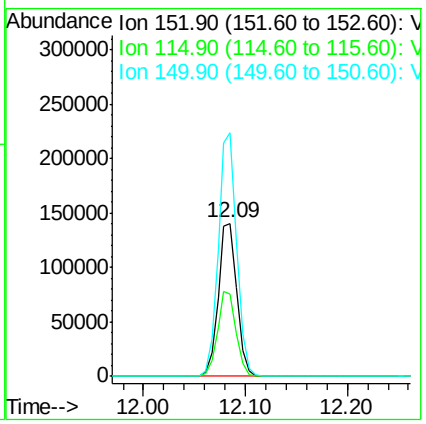


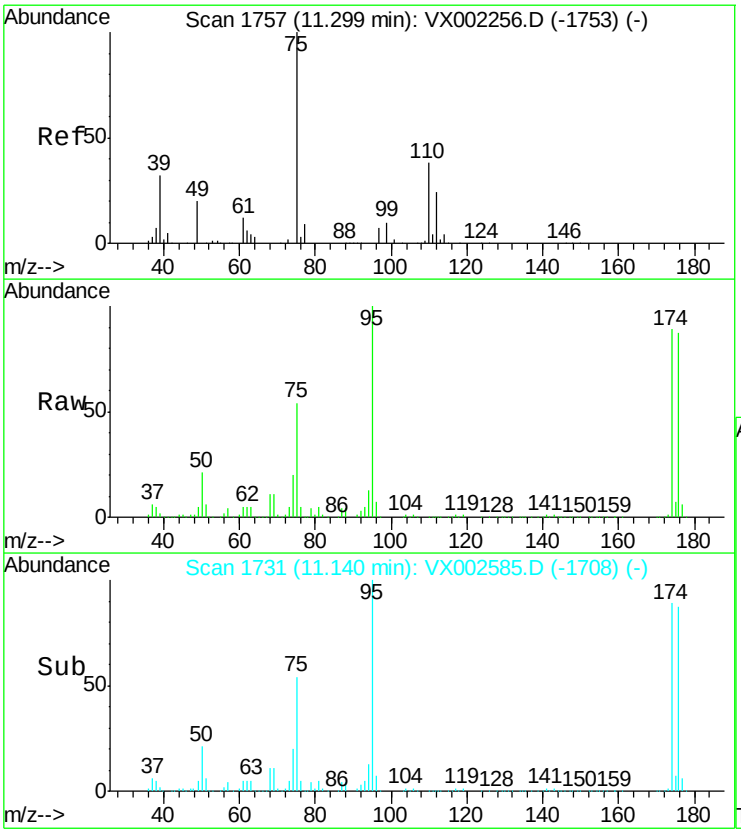
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 178951

Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	156.9	0.0	347.2

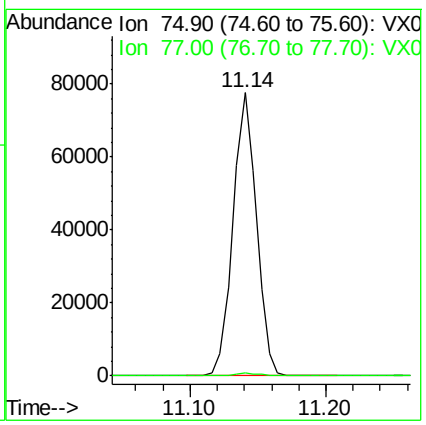


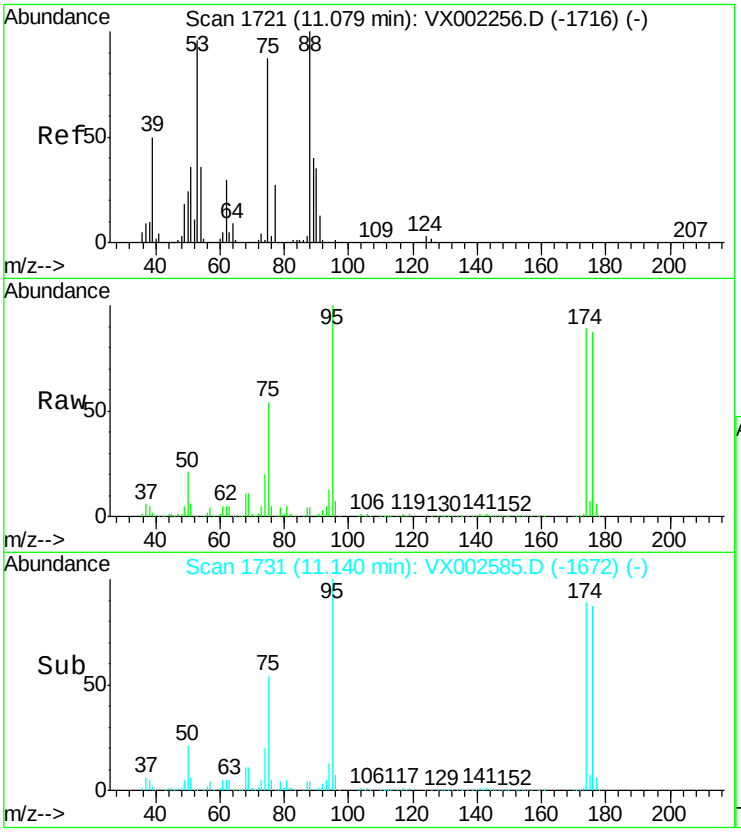


#76
1,2,3-Trichloropropane
Concen: 23.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion: 75 Resp: 93109

Ion	Ratio	Lower	Upper
75	100		
77	1.0	22.8	68.3#



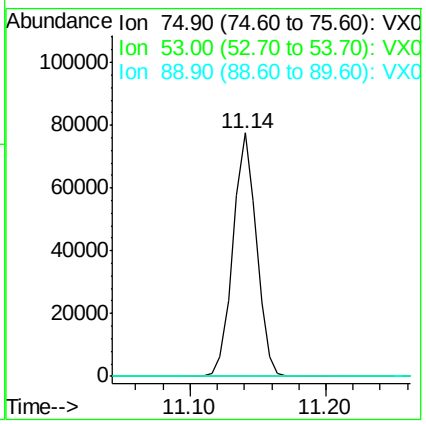


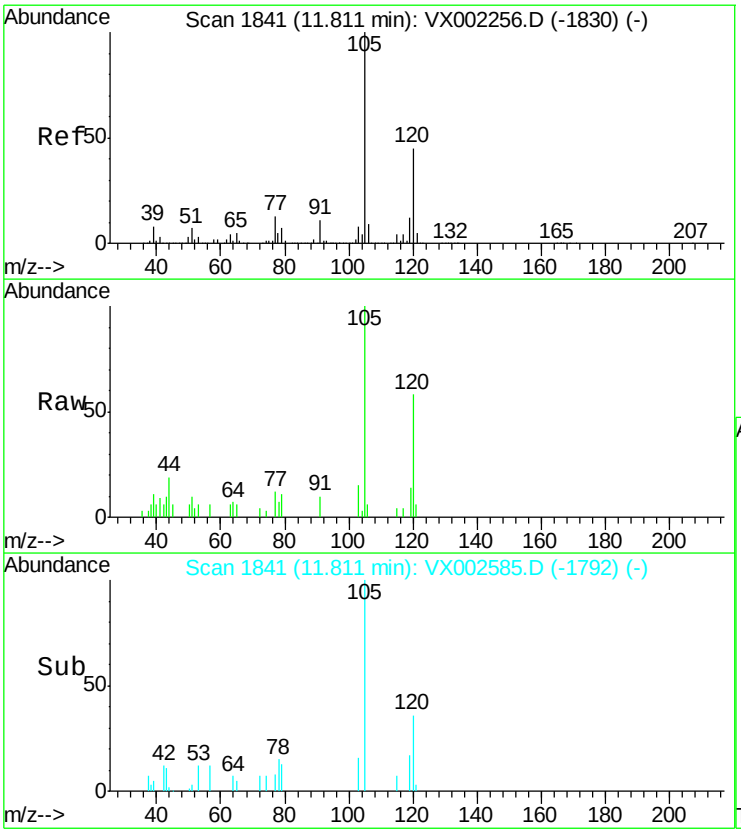
#81
trans-1,4-Dichloro-2-butene
Concen: 83.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 93109

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

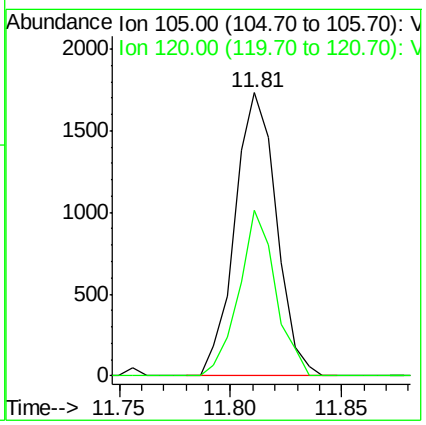


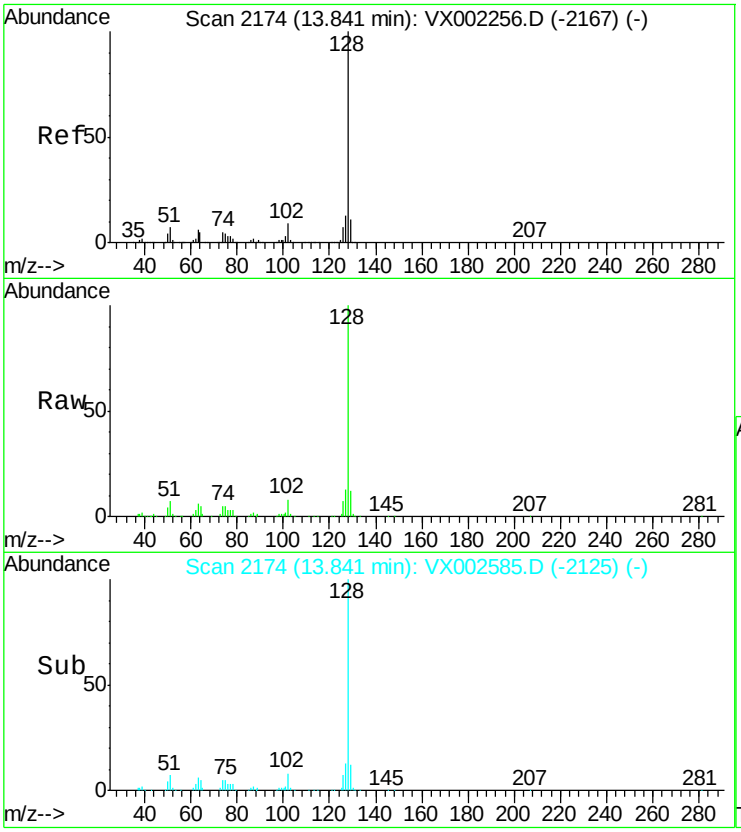


#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Tgt Ion:105 Resp: 2256

Ion	Ratio	Lower	Upper
105	100		
120	51.6	22.3	66.8





#95
Naphthalene
Concen: 4.83 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002585.D
Acq: 15 Jun 2018 06:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 62966

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.8	8.6	13.0