Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
Data File : VX002365.D
Acq On : 06 Jun 2018 20:49
Operator : JC/MD
Sample : J3312-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:27:13 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	230008	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	333791	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	302240	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170222	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	157574	47.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.50%				
35) Dibromofluoromethane	5.51	113	117827	44.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.78%				
50) Toluene-d8	8.72	98	475690	47.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.56%				
62) 4-Bromofluorobenzene	11.14	95	165835	42.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.48%				
Target Compounds							Qvalue
3) Chloromethane	1.27	50	2024	Below Cal		#	43
5) Bromomethane	1.65	94	957	Below Cal			84
6) Chloroethane	1.62	64	6378	3.27	ug/l	#	56
8) Diethyl Ether	2.18	74	97	Below Cal		#	1
10) Methyl Iodide	2.51	142	970	0.28	ug/l	#	95
11) Tert butyl alcohol	3.07	59	1539	Below Cal		#	83
13) Acrolein	2.29	56	302	Below Cal		#	14
15) Acrylonitrile	3.16	53	157	Below Cal		#	61
16) Acetone	2.45	43	10352	Below Cal			92
18) Methyl Acetate	2.78	43	243	Below Cal		#	83
19) Methyl tert-butyl Ether	3.21	73	4321	Below Cal		#	85
20) Methylene Chloride	2.86	84	883	Below Cal			94
22) Diisopropyl ether	3.86	45	120	Below Cal		#	35
25) 2-Butanone	4.71	43	491	0.22	ug/l	#	78
28) Bromochloromethane	5.01	49	26	Below Cal		#	13
36) 1,1-Dichloropropene	5.67	75	16786	4.78	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	21723	5.92	ug/l	#	16
39) Methylcyclohexane	7.48	83	49	0.27	ug/l	#	16
49) 1,4-Dioxane	7.64	88	20	0.30	ug/l	#	1
65) Chlorobenzene	10.14	112	1902	0.25	ug/l		92
76) 1,2,3-Trichloropropane	11.14	75	90124	24.13	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	90124	84.58	ug/l	#	7
83) tert-Butylbenzene	11.77	119	3928	0.40	ug/l		87
85) sec-Butylbenzene	11.95	105	2891	0.25	ug/l	#	72
90) Hexachloroethane	12.66	117	464	0.28	ug/l	#	1
91) 1,2-Dichlorobenzene	12.40	146	1866	0.30	ug/l		91

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

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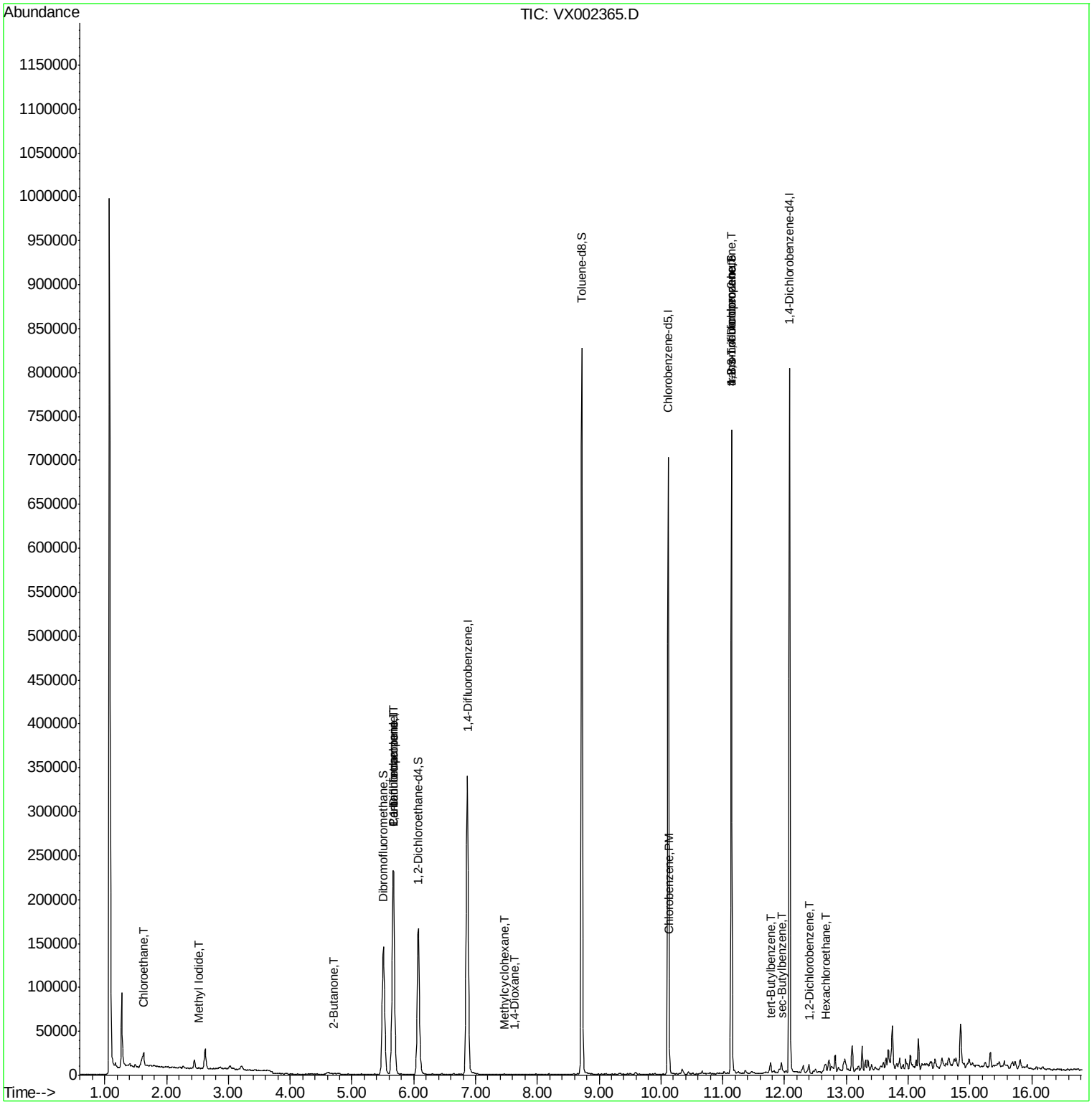
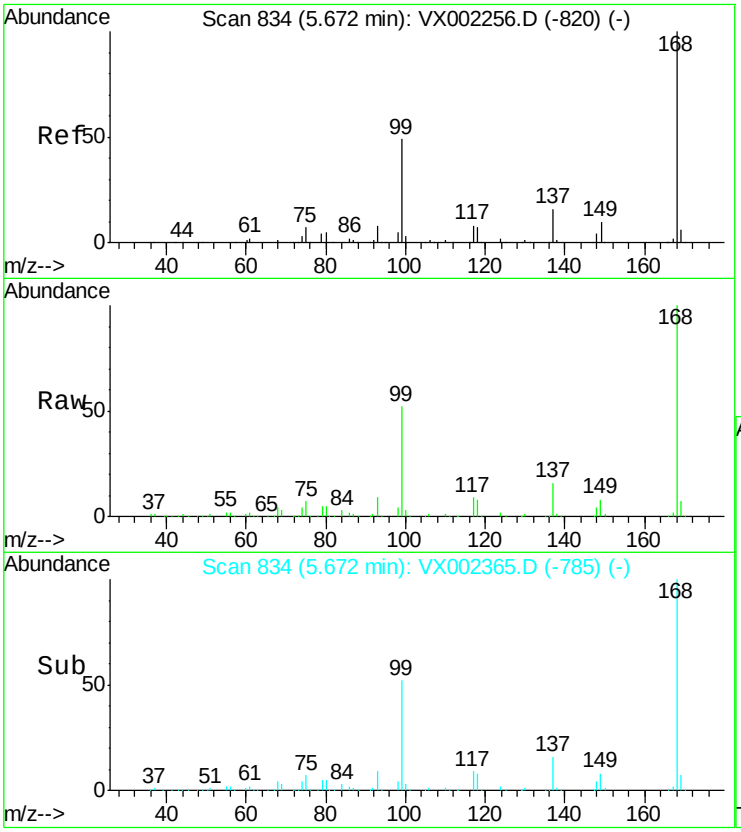
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 07 03:27:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration



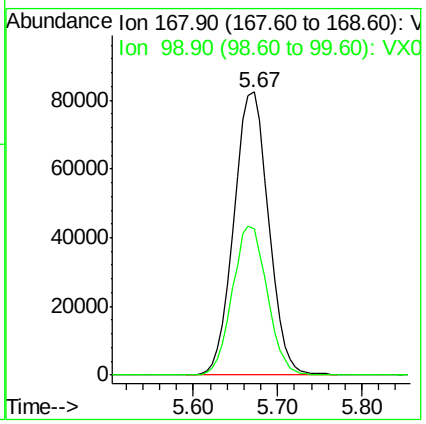


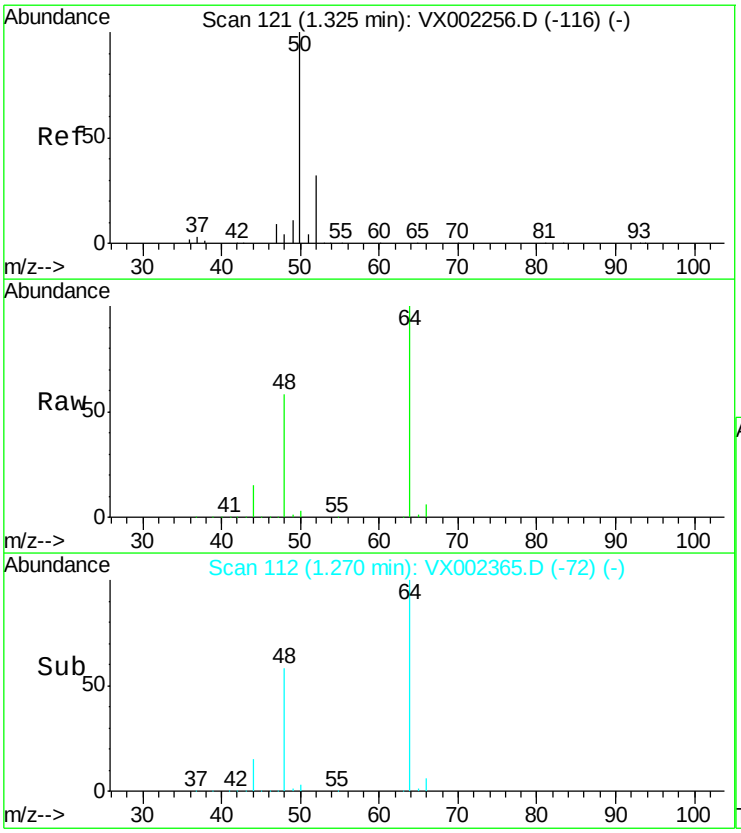
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 230008

Ion	Ratio	Lower	Upper
168	100		
99	51.5	39.3	58.9

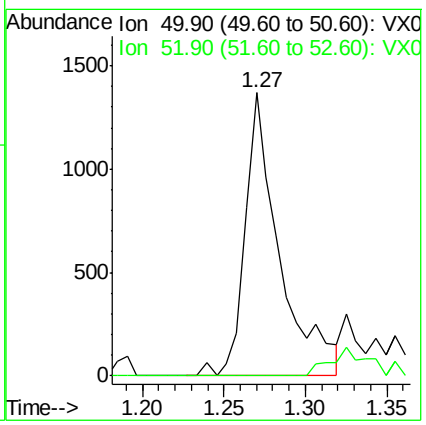


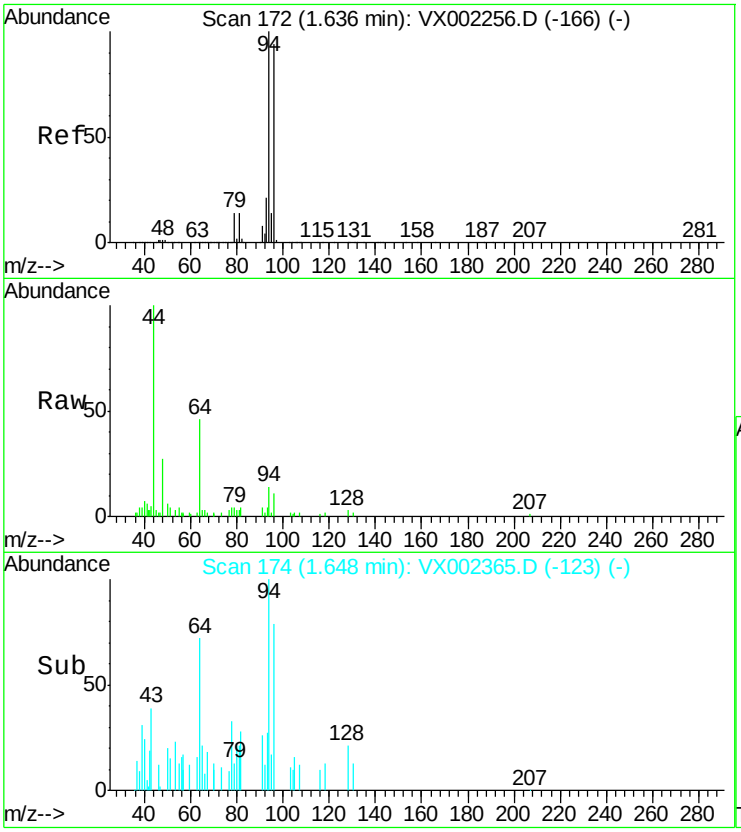


#3
Chloromethane
Concen: Below Cal
RT: 1.27 min Scan# 112
Delta R.T. -0.05 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 50 Resp: 2024

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#



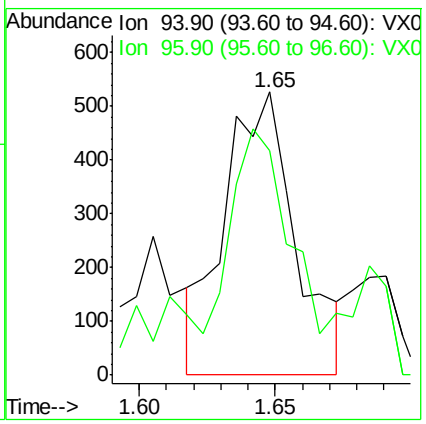


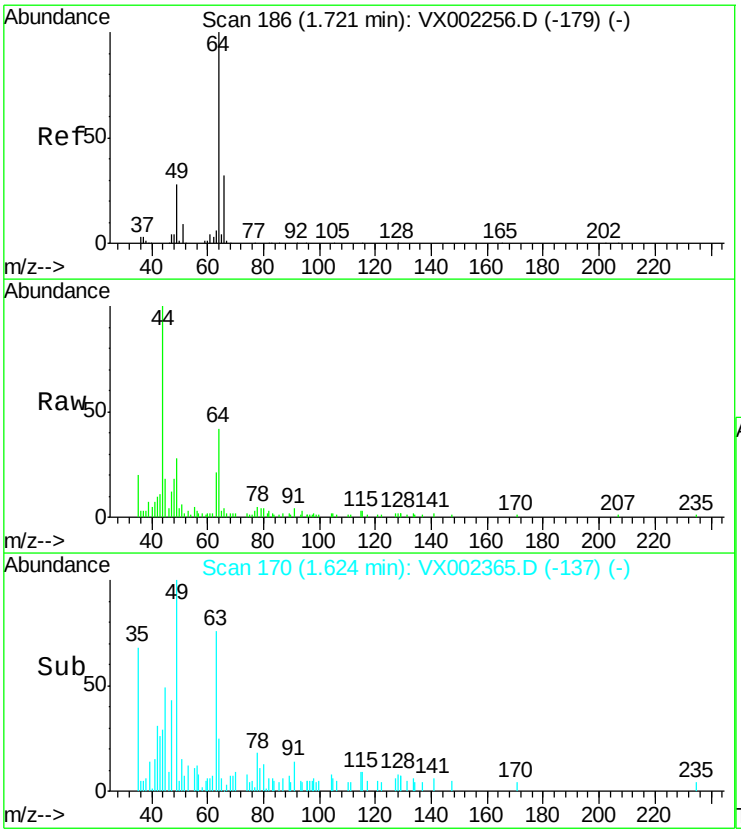
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 957

Ion	Ratio	Lower	Upper
94	100		
96	78.0	74.9	112.3

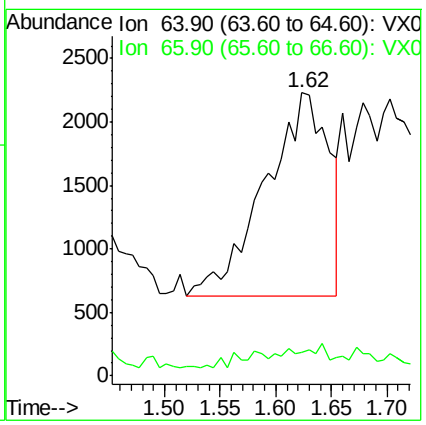


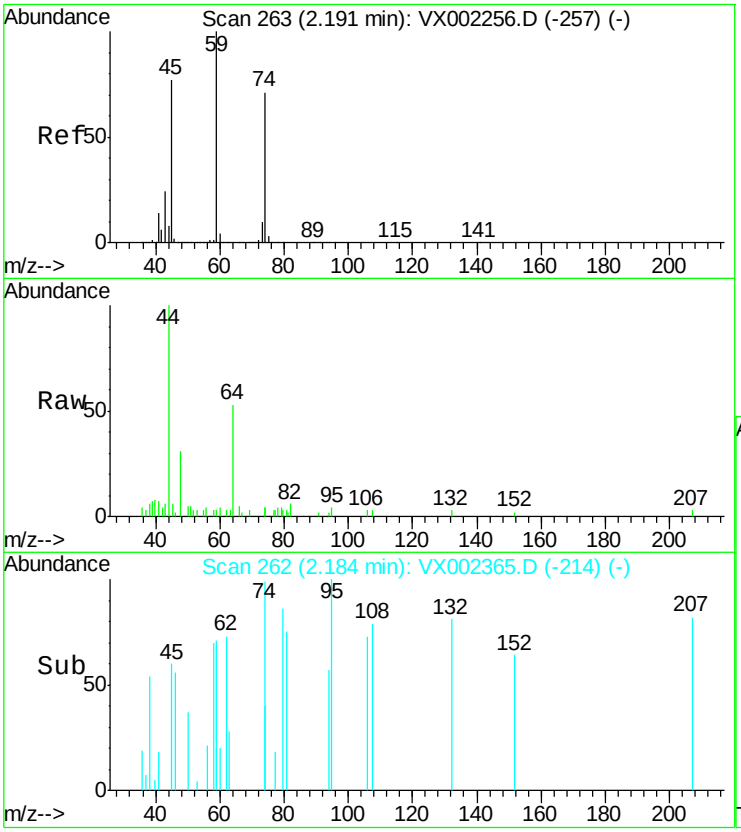


#6
Chloroethane
Concen: 3.27 ug/l
RT: 1.62 min Scan# 170
Delta R.T. -0.10 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 64 Resp: 6378

Ion	Ratio	Lower	Upper
64	100		
66	7.2	25.5	38.3#



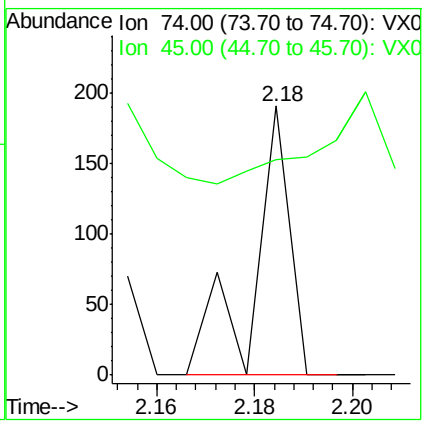


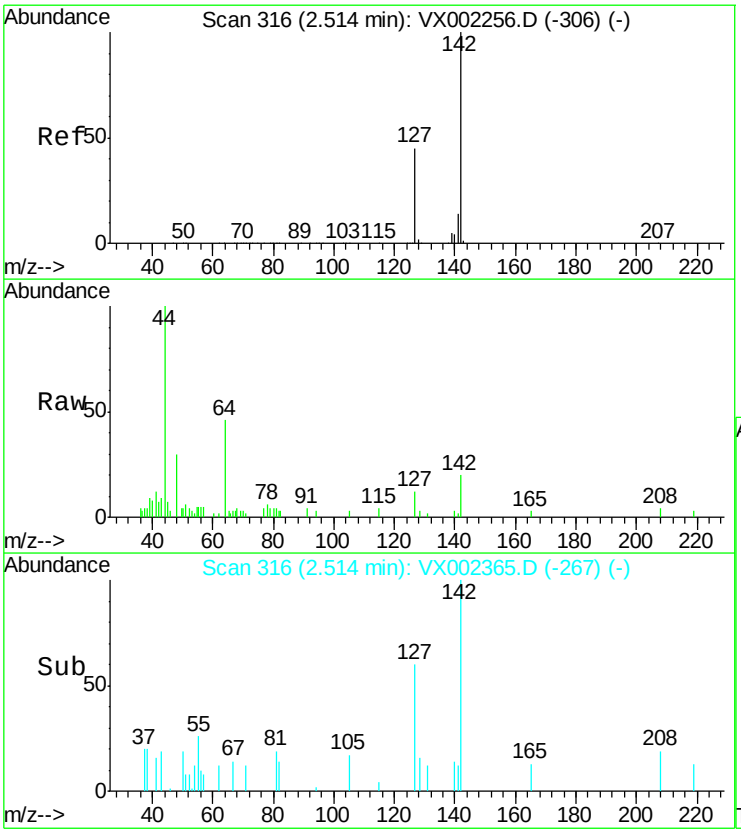
#8
Diethyl Ether
Concen: Below Cal
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 97

Ion	Ratio	Lower	Upper
74	100		
45	0.0	53.1	159.4#

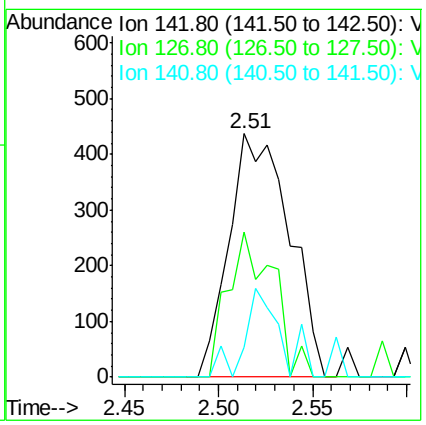


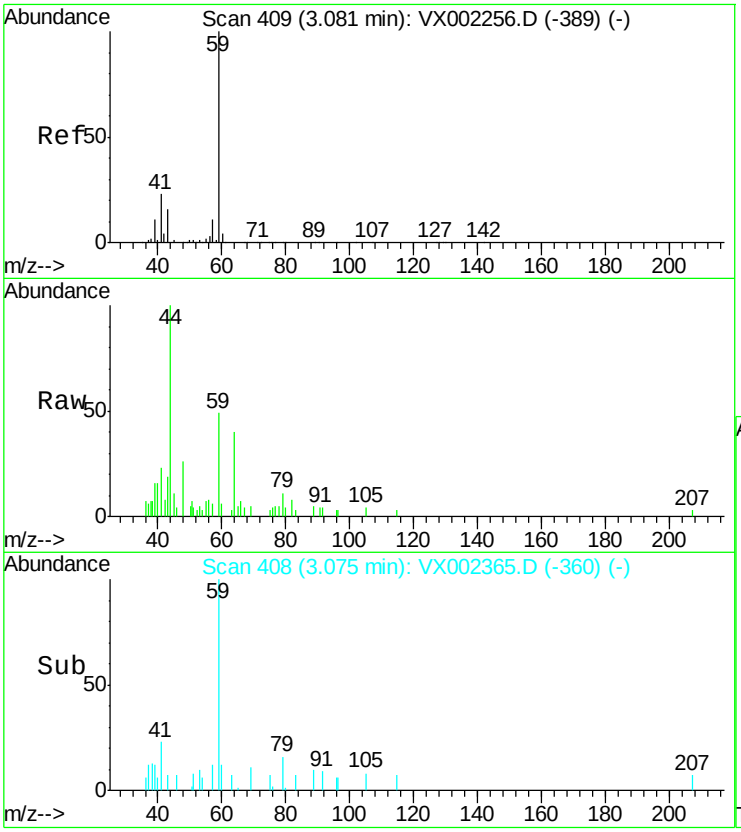


#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:142 Resp: 970

Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.6	55.0
141	22.0	11.3	16.9#



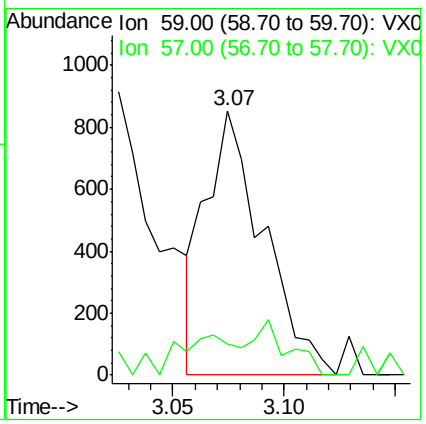


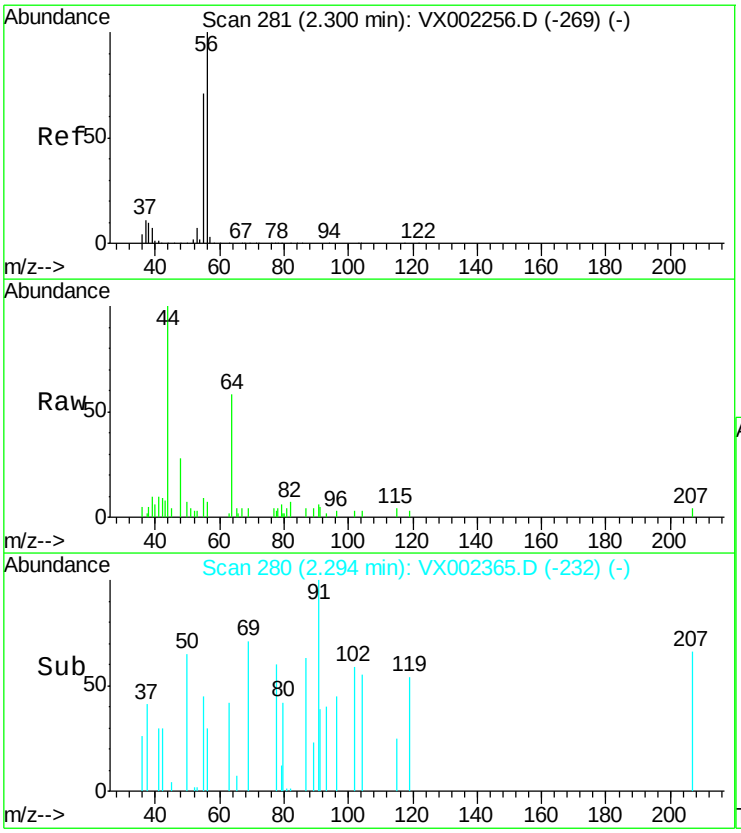
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 1539

Ion	Ratio	Lower	Upper
59	100		
57	16.6	8.2	12.2#

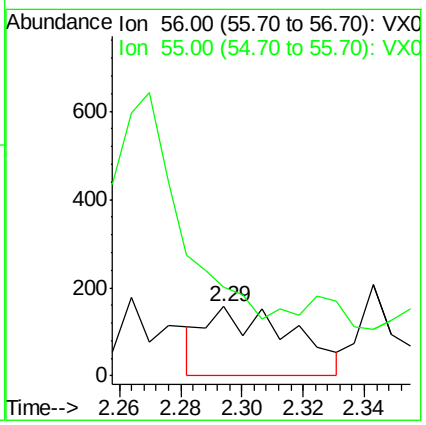


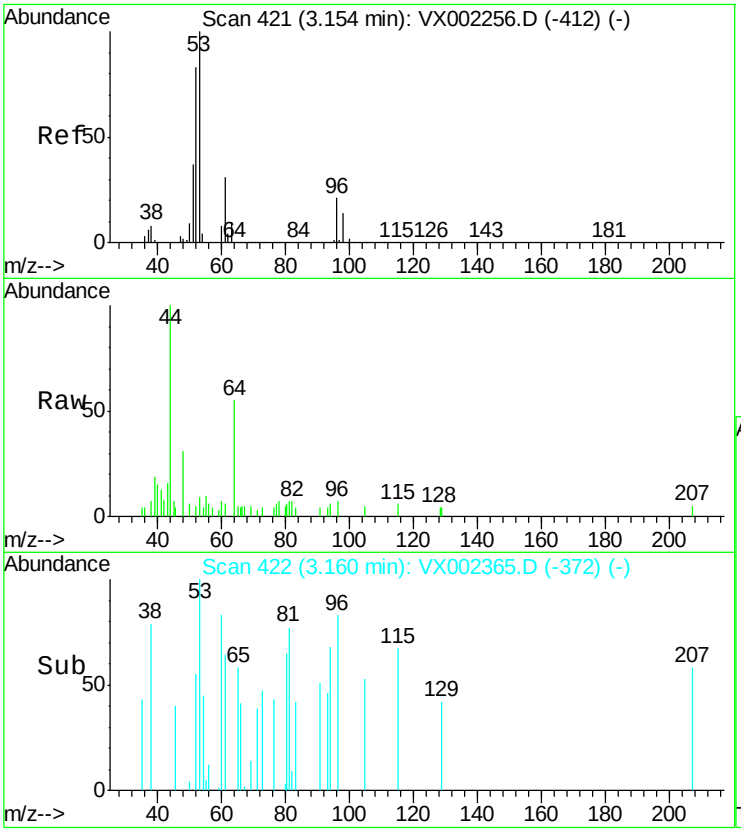


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#



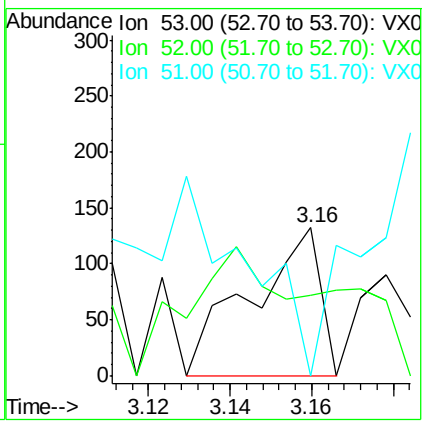


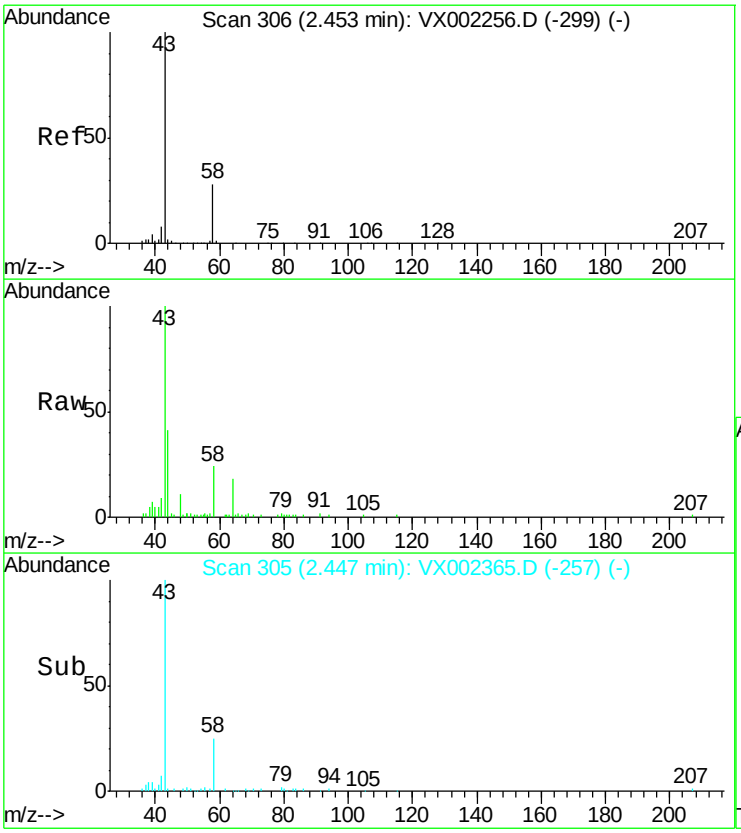
#15
Acrylonitrile
Concen: Below Cal
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 157

Ion	Ratio	Lower	Upper
53	100		
52	108.9	66.7	100.1#
51	0.0	29.9	44.9#

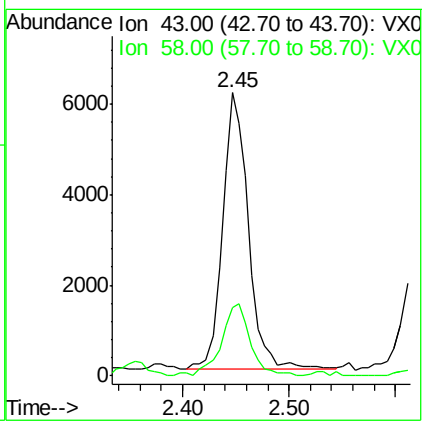


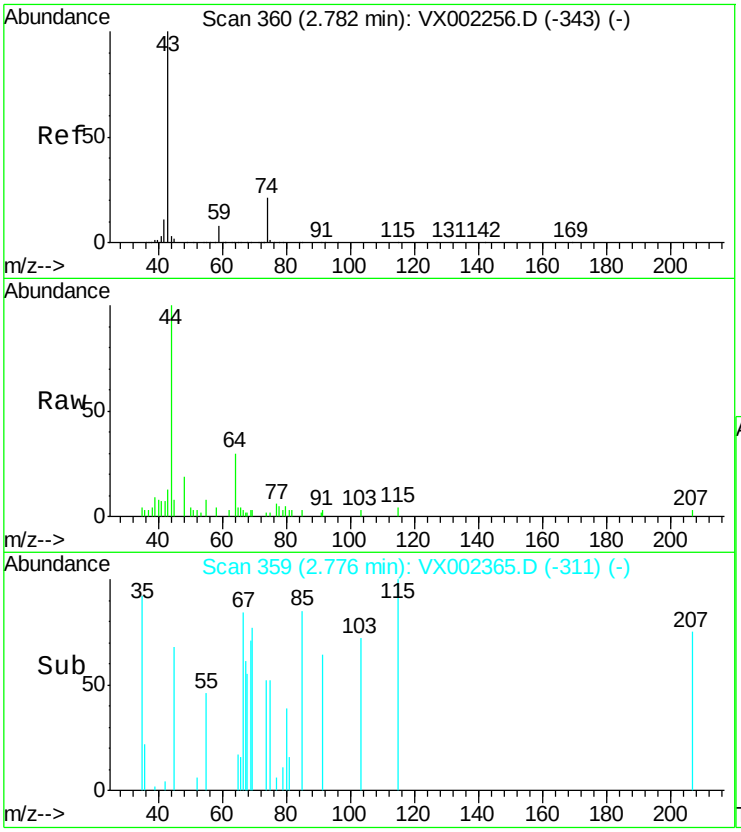


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 43 Resp: 10352

Ion	Ratio	Lower	Upper
43	100		
58	23.6	22.1	33.1



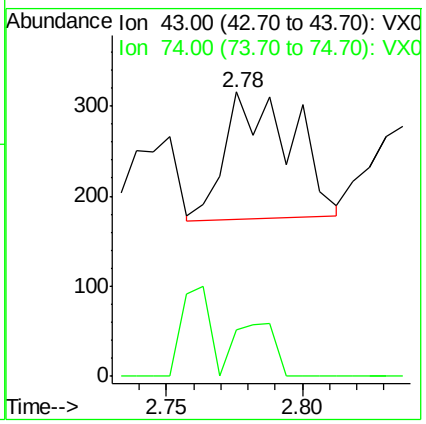


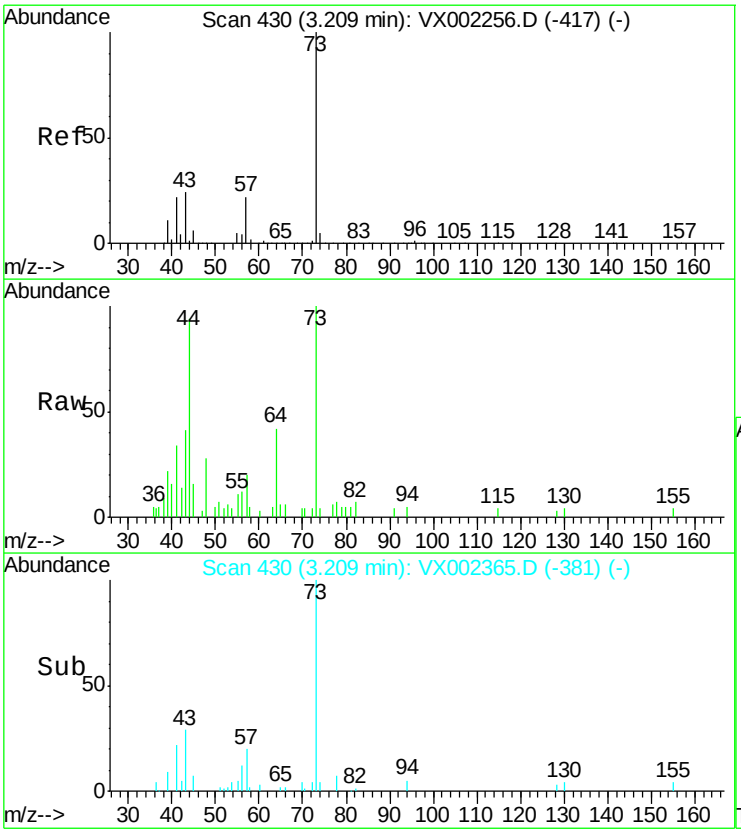
#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 243

Ion	Ratio	Lower	Upper
43	100		
74	28.8	16.7	25.1#

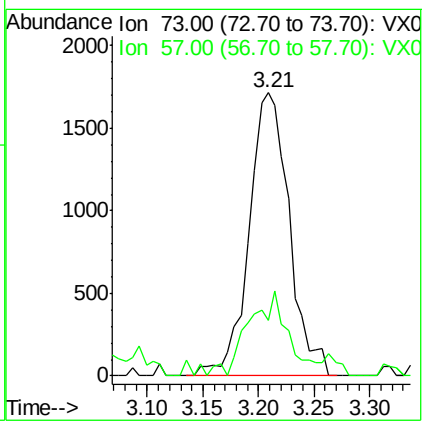


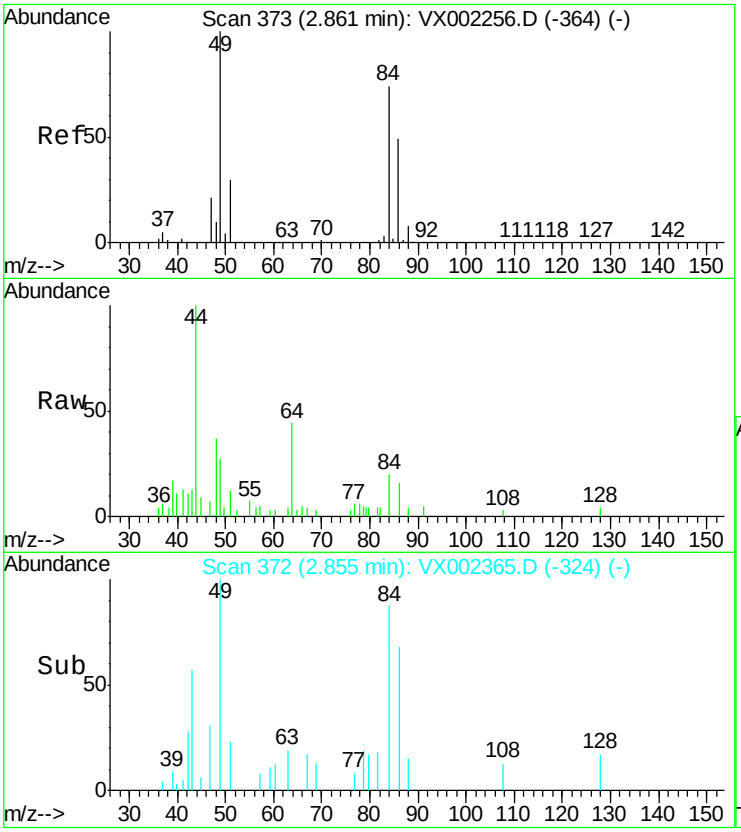


#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 73 Resp: 4321

Ion	Ratio	Lower	Upper
73	100		
57	14.9	17.7	26.5#



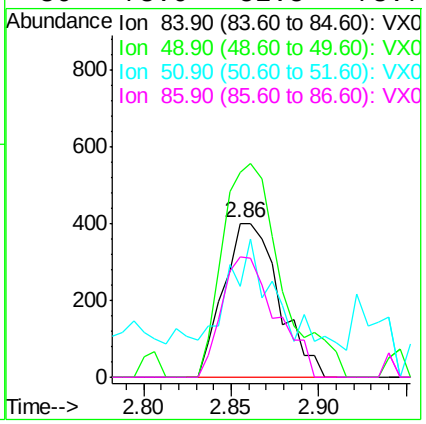


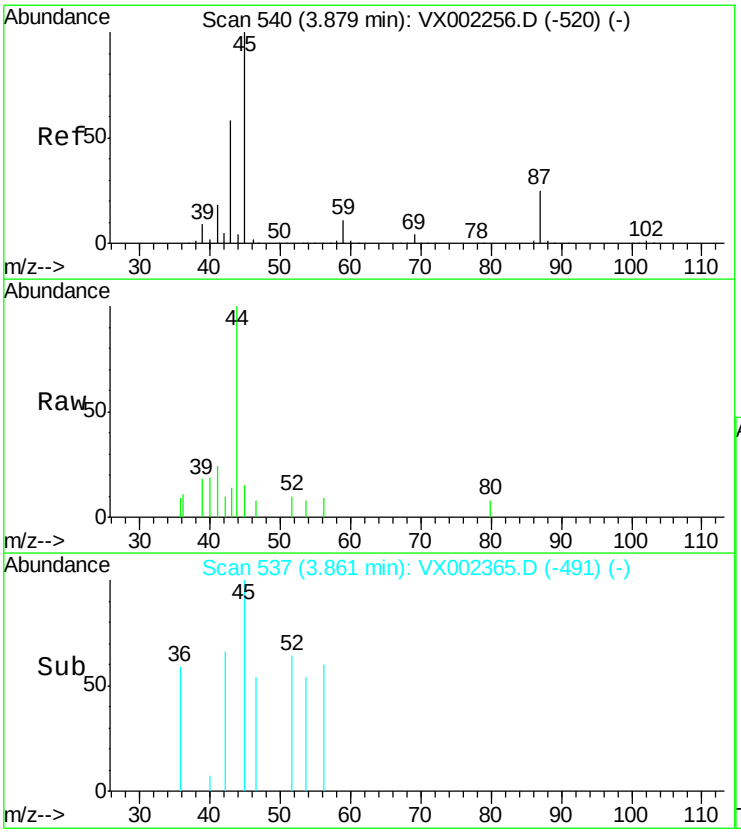
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 883

Ion	Ratio	Lower	Upper
84	100		
49	133.3	107.8	161.6
51	36.5	32.8	49.2
86	78.0	52.5	78.7

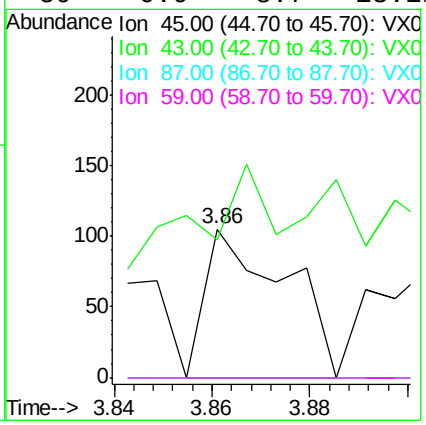


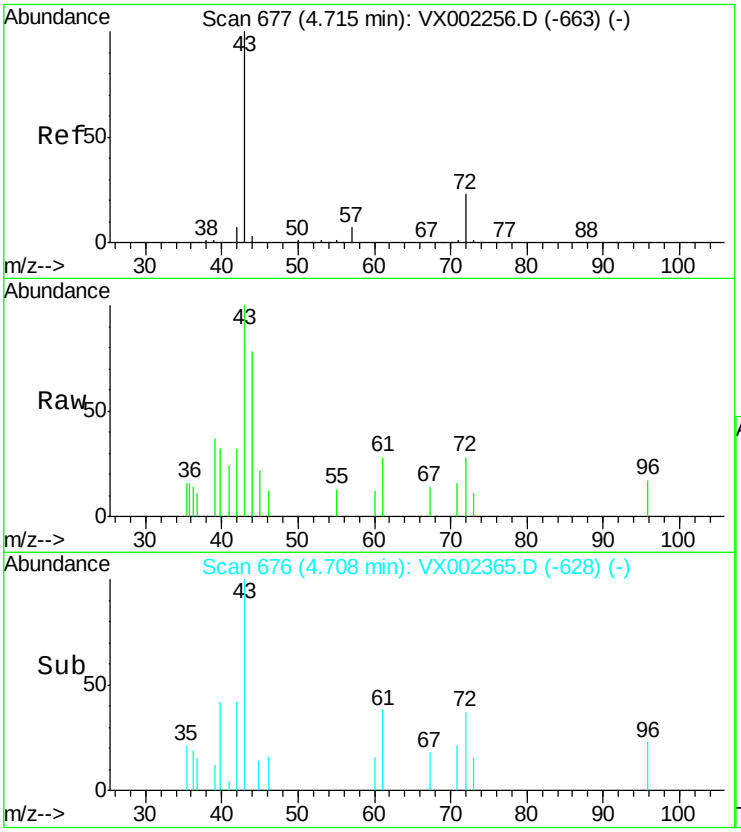


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.86 min Scan# 537
Delta R.T. -0.02 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 45 Resp: 120

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#



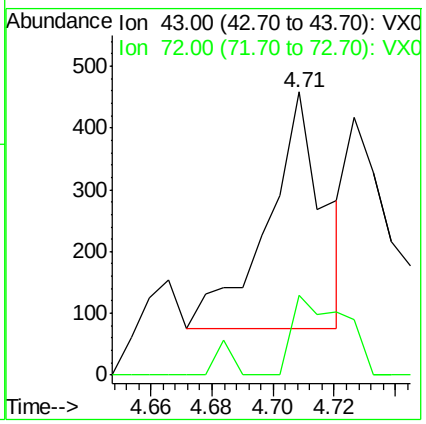


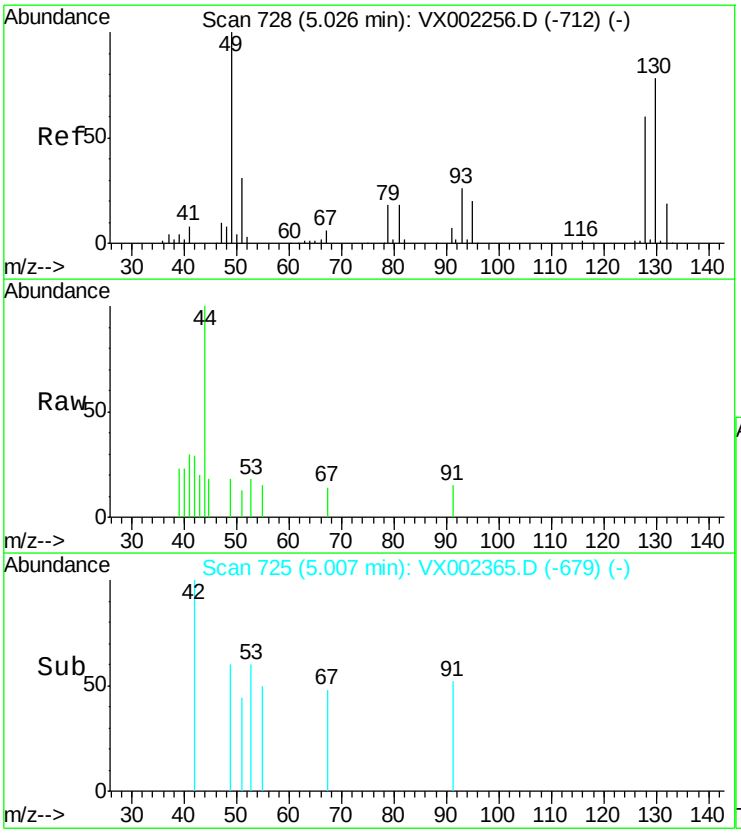
#25
2-Butanone
Concen: 0.22 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 491

Ion	Ratio	Lower	Upper
43	100		
72	33.7	18.5	27.7#

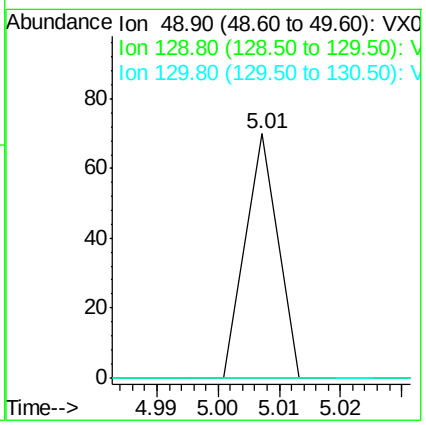


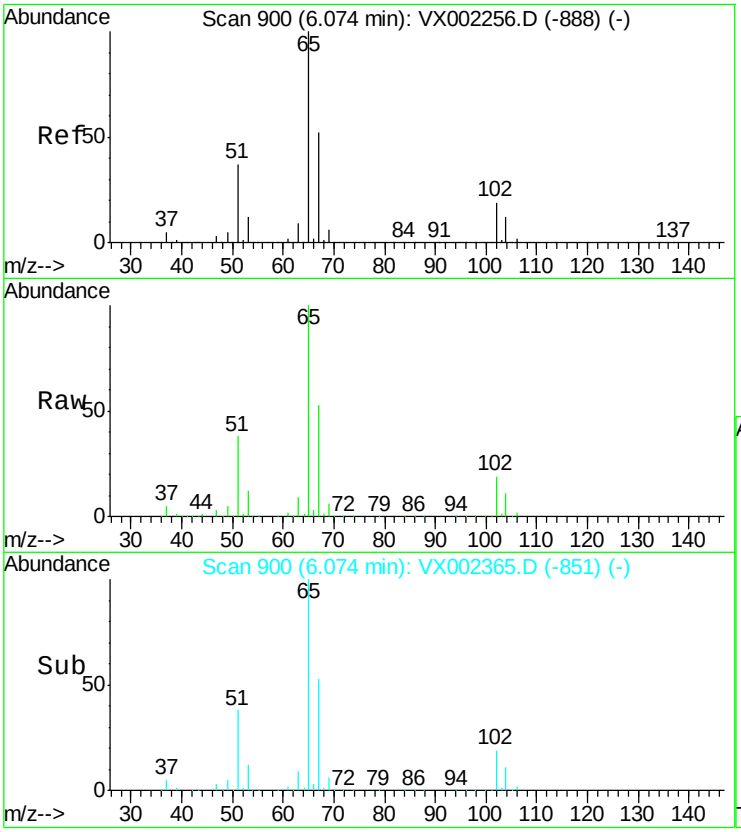


#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 49 Resp: 26

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



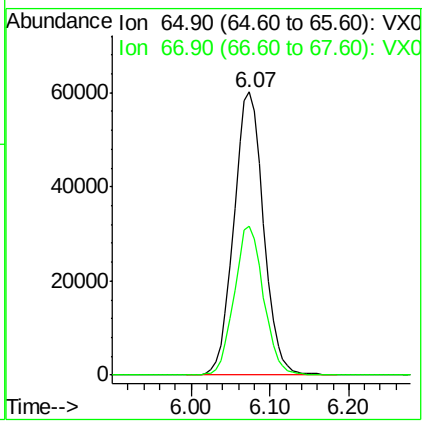


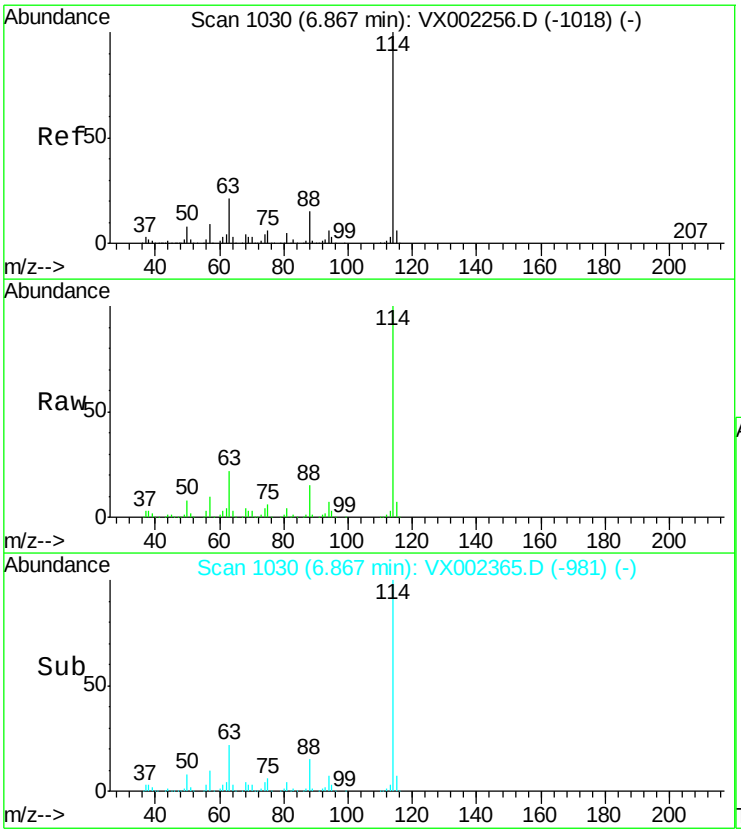
#33
1,2-Dichloroethane-d4
Concen: 47.75 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 157574

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6

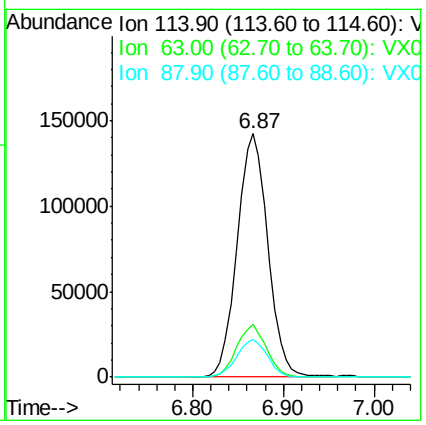


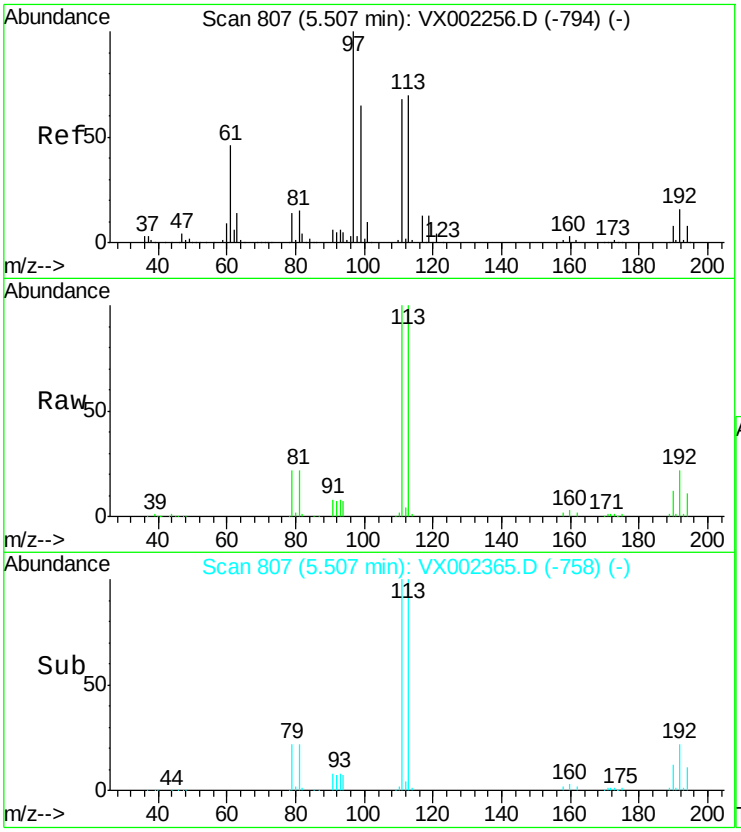


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:114 Resp: 333791

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	41.4
88	15.2	0.0	30.0



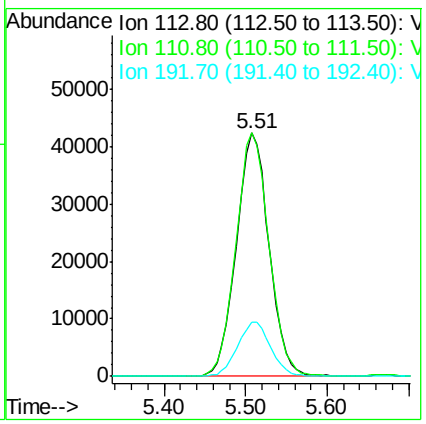


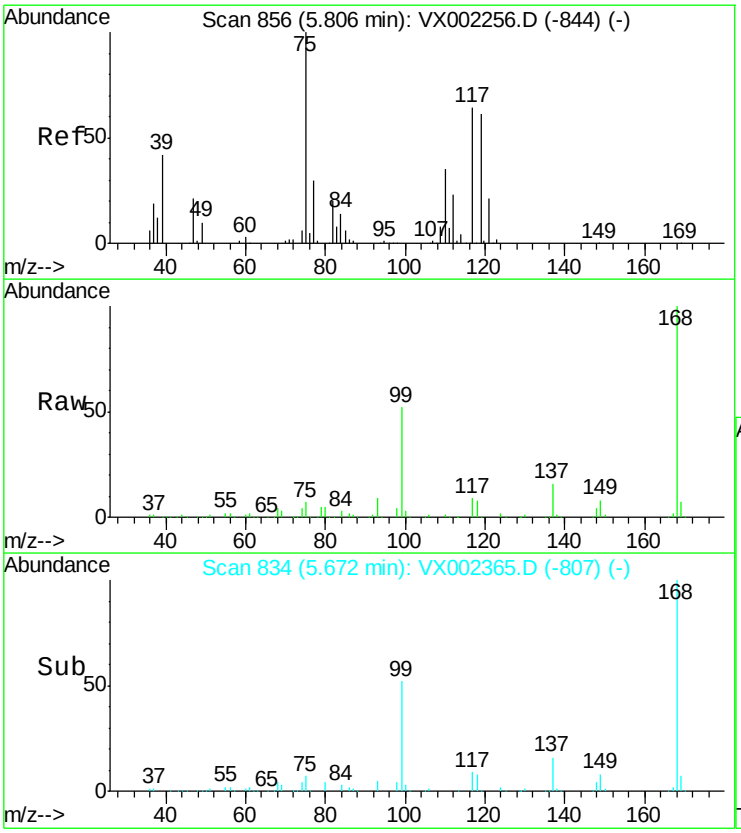
#35
Dibromofluoromethane
Concen: 44.89 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 117827

Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	22.8	19.1	28.7

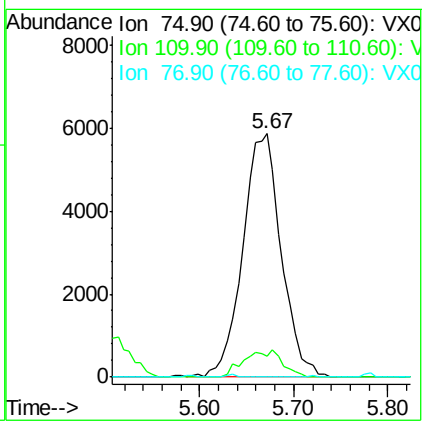


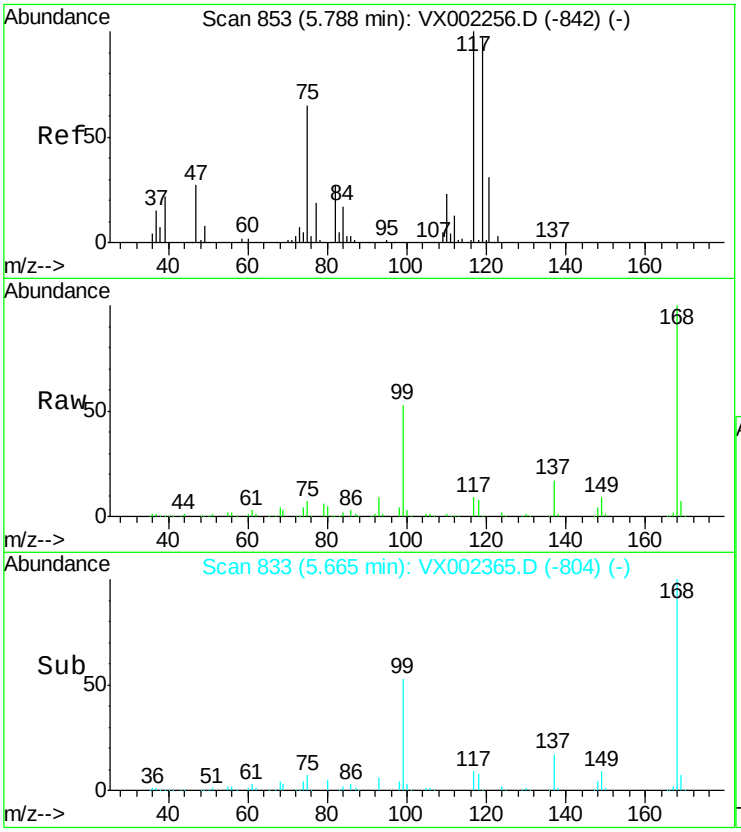


#36
1,1-Dichloropropene
Concen: 4.78 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 75 Resp: 16786

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.4#
77	0.0	24.3	36.5#



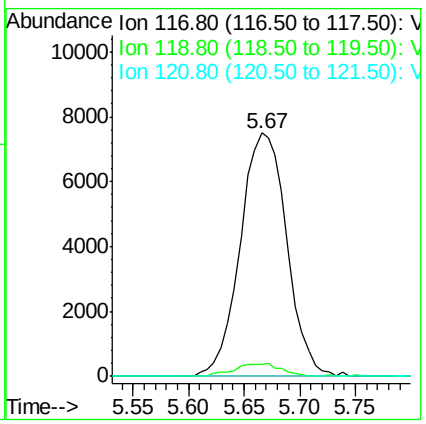


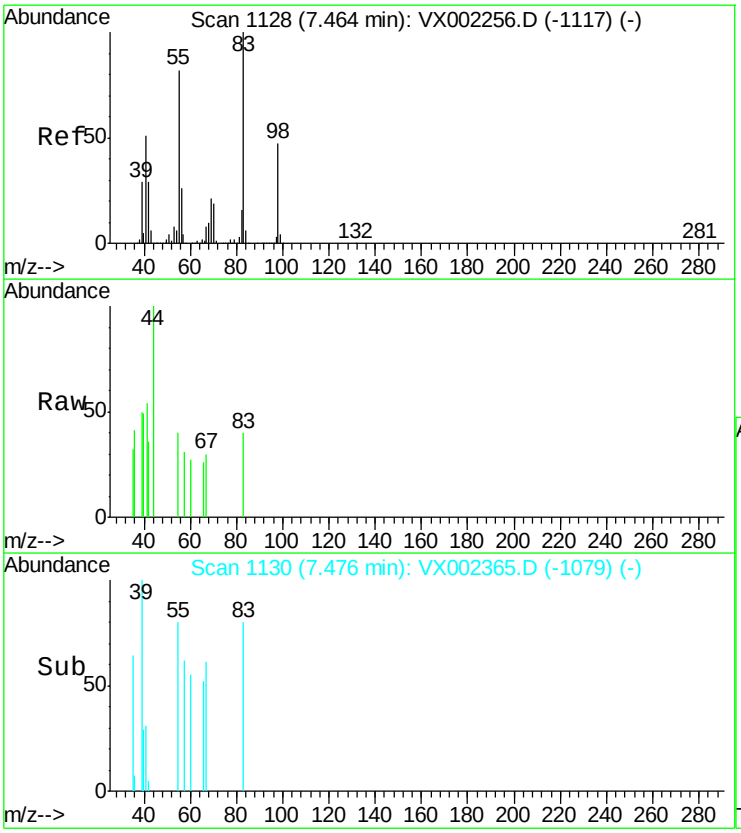
#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21723

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.4	116.0#
121	0.0	24.4	36.6#

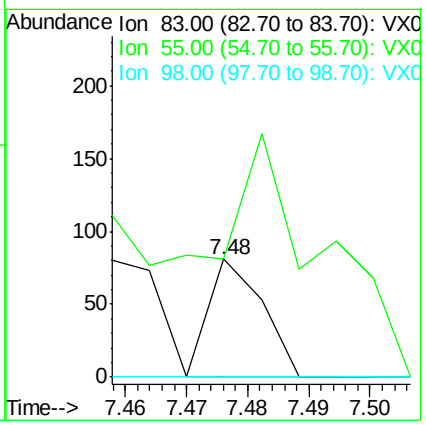


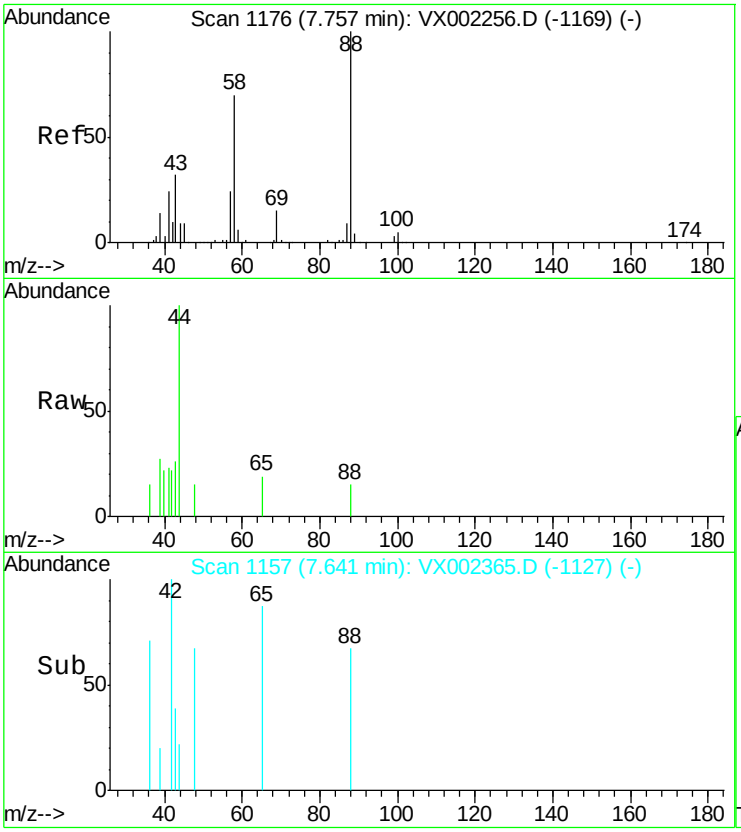


#39
Methylcyclohexane
Concen: 0.27 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 83 Resp: 49

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



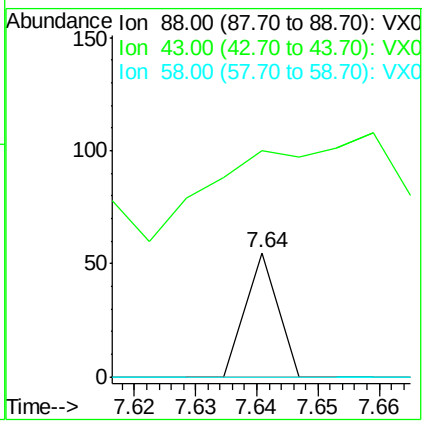


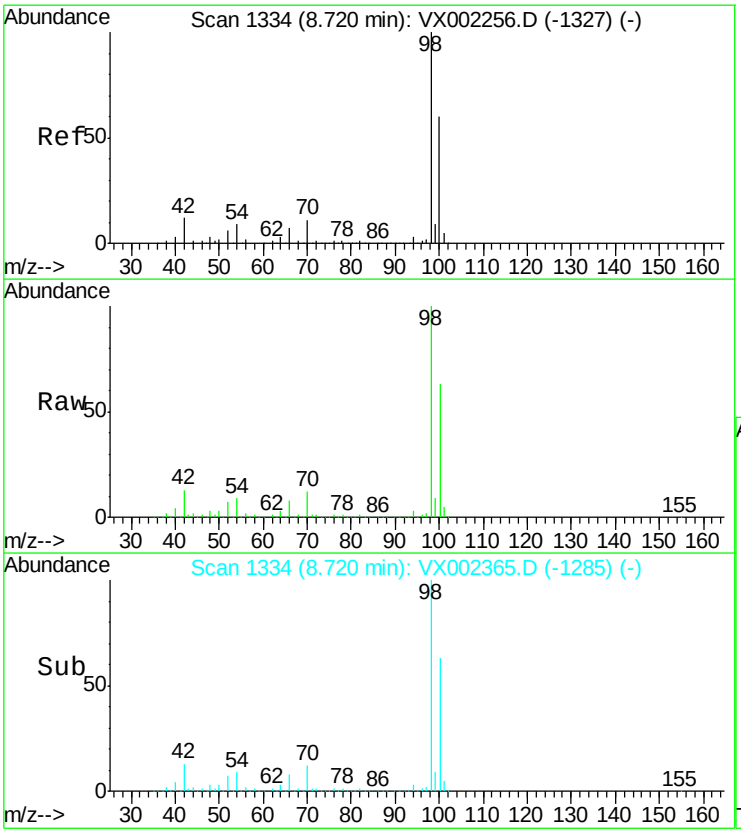
#49
1,4-Dioxane
Concen: 0.30 ug/l
RT: 7.64 min Scan# 1157
Delta R.T. -0.12 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1510.0	29.8	44.6#
58	0.0	57.1	85.7#

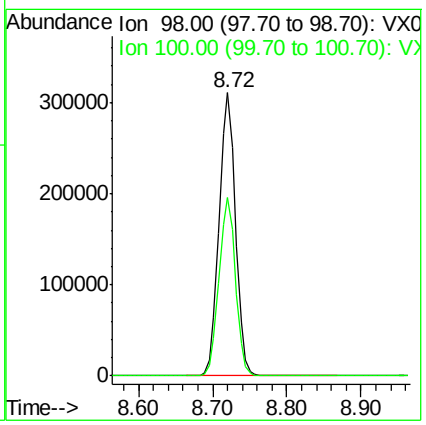


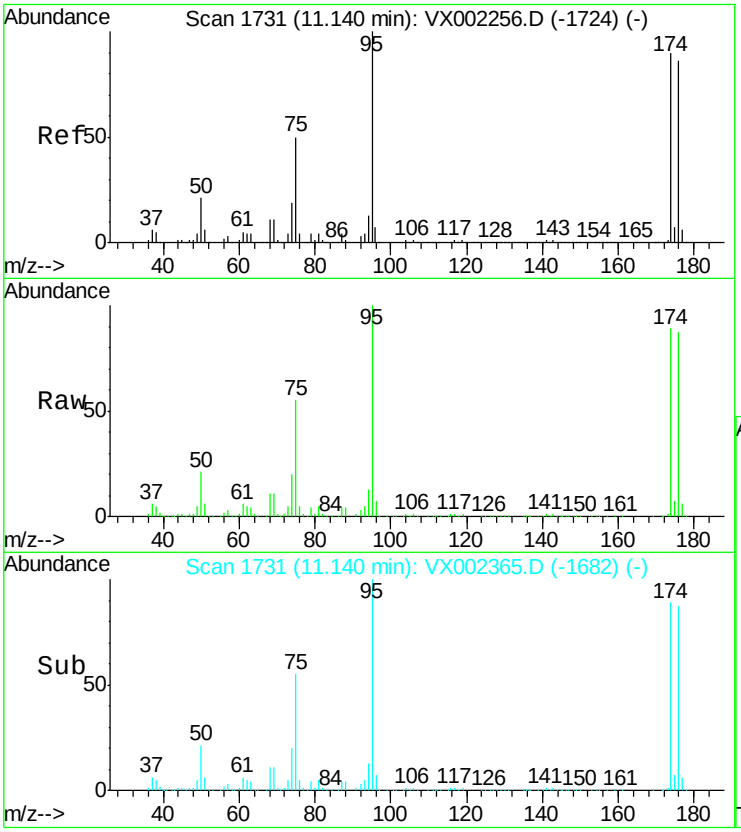


#50
Toluene-d8
Concen: 47.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 98 Resp: 475690

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3



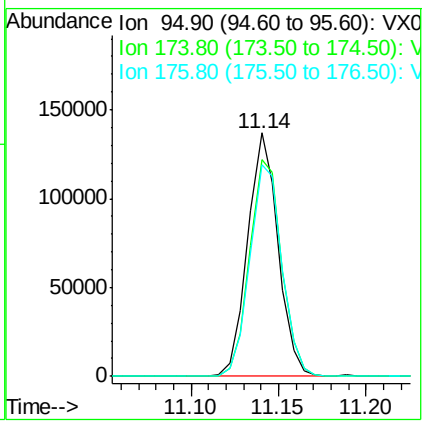


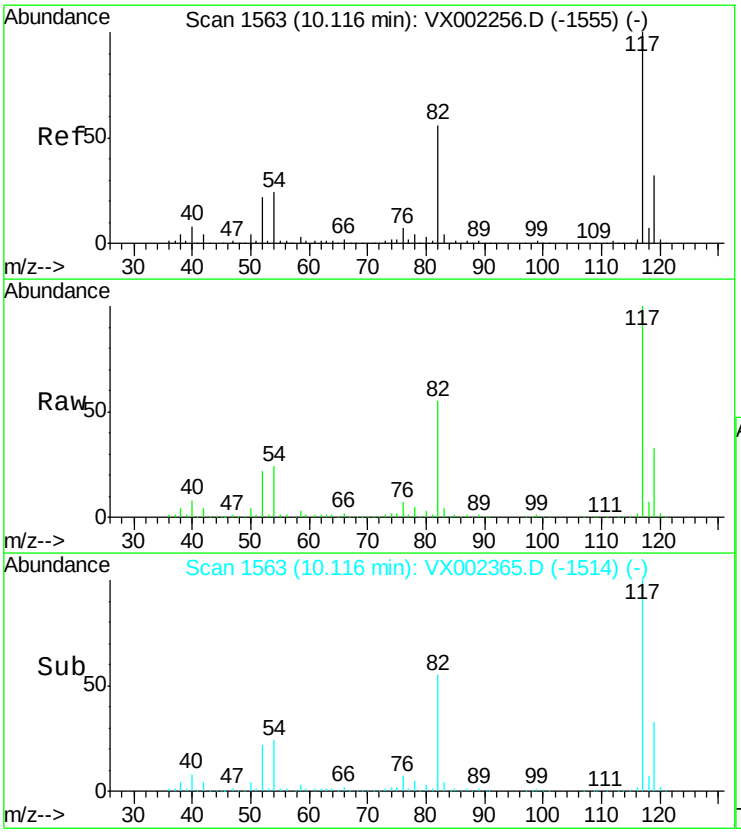
#62
4-Bromofluorobenzene
Concen: 42.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 165835

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	187.4
176	91.4	0.0	181.0

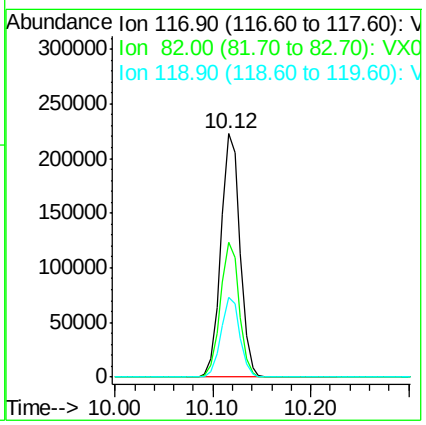


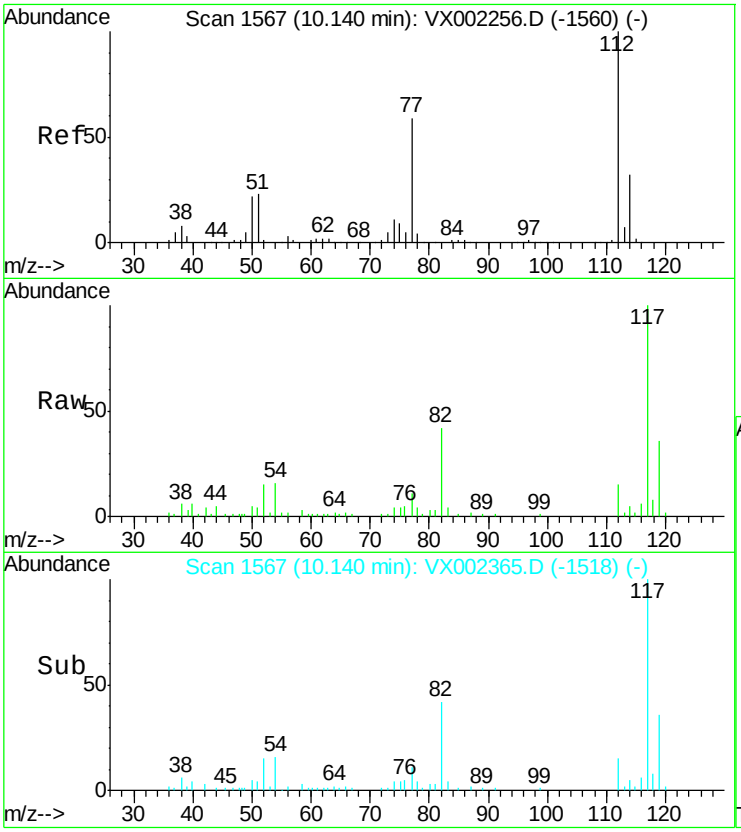


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:117 Resp: 302240

Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.0	67.4
119	32.5	25.8	38.6



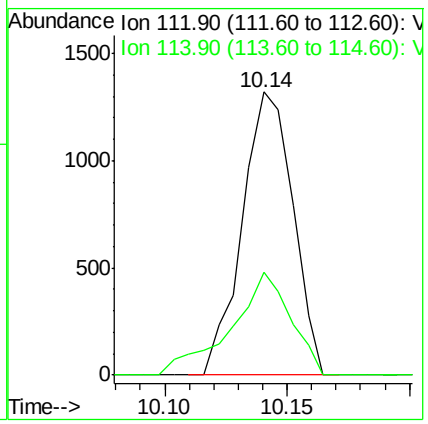


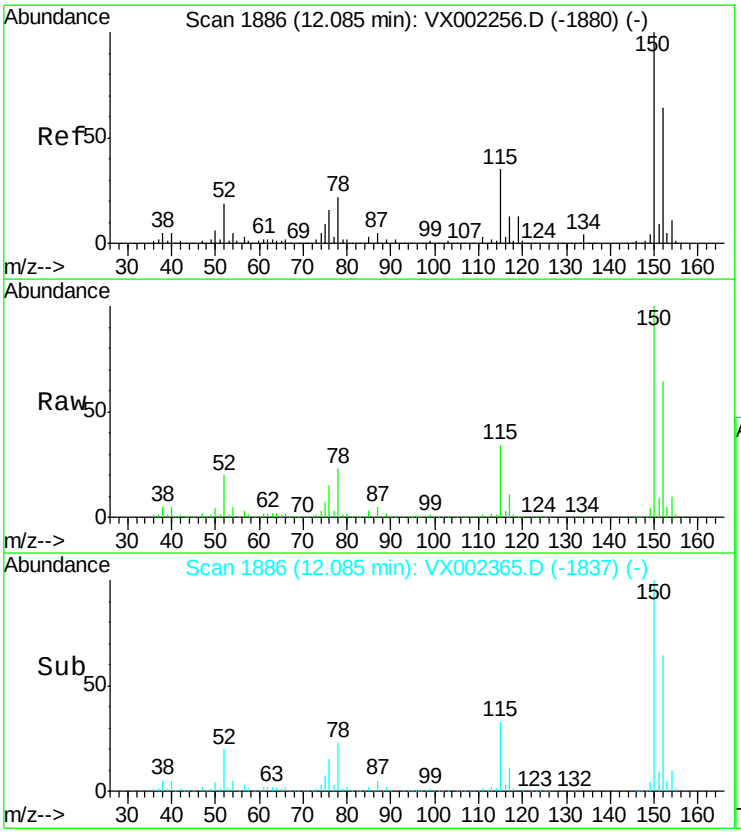
#65
Chlorobenzene
Concen: 0.25 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 1902

Ion	Ratio	Lower	Upper
112	100		
114	36.2	25.3	37.9

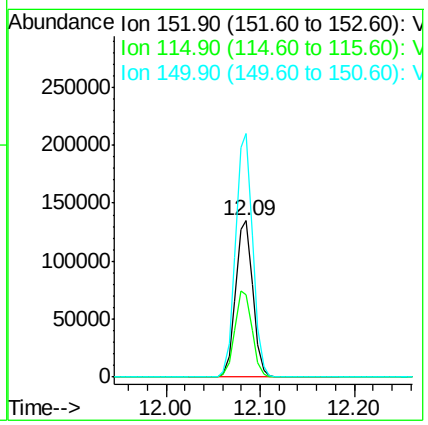


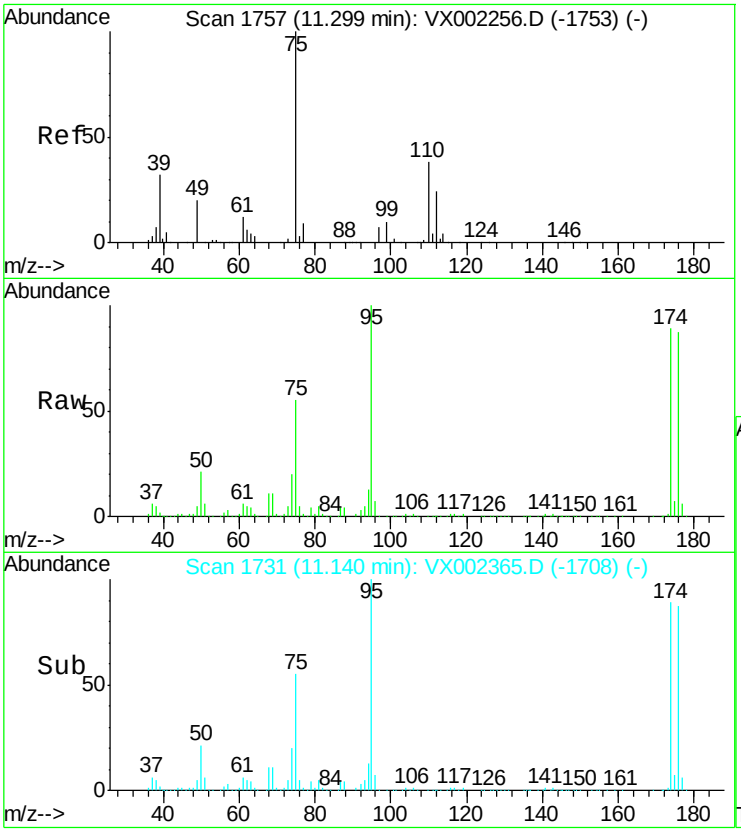


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:152 Resp: 170222

Ion	Ratio	Lower	Upper
152	100		
115	54.9	40.1	120.2
150	155.0	0.0	347.2



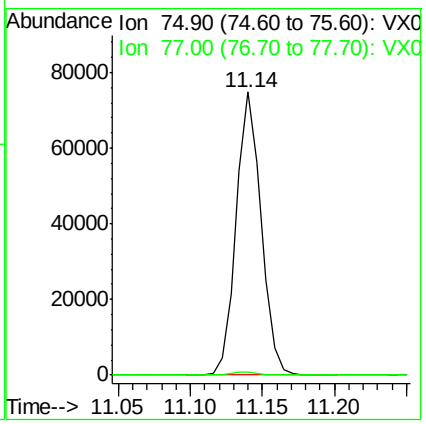


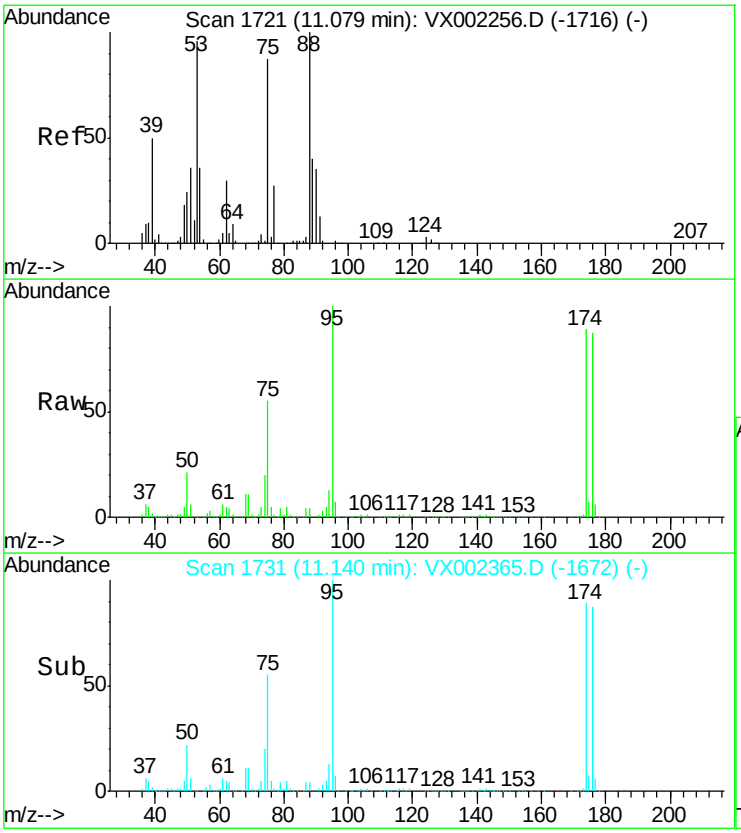
#76
1,2,3-Trichloropropane
Concen: 24.13 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 90124

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.8	68.3#

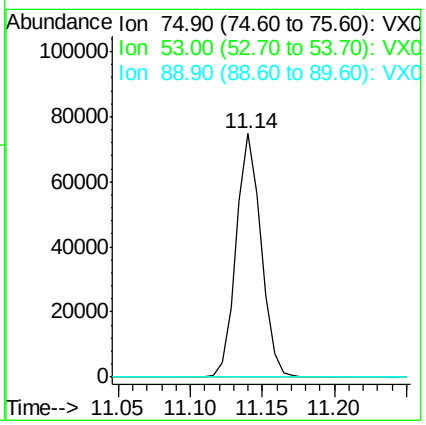


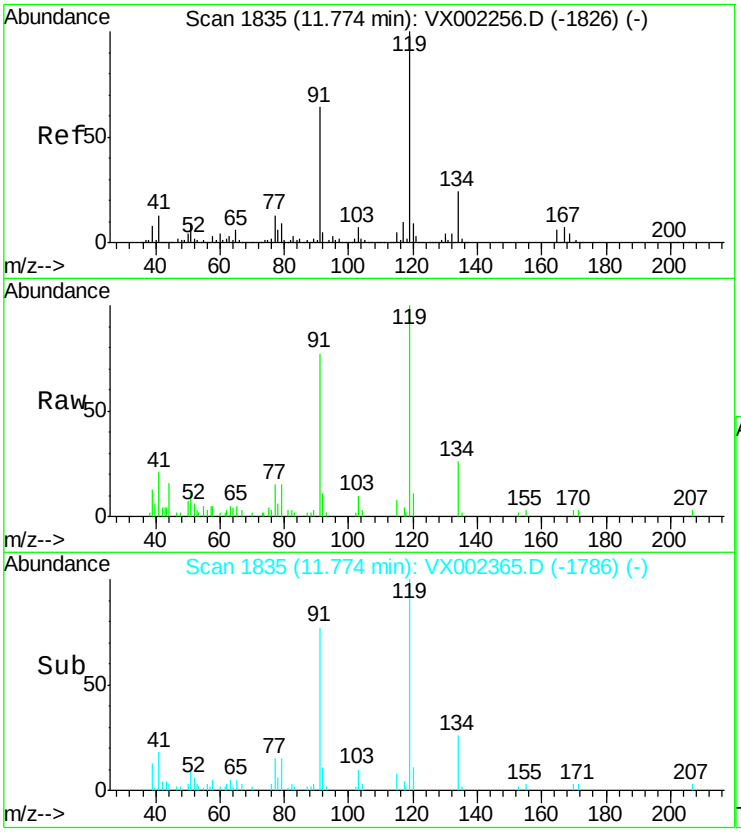


#81
trans-1,4-Dichloro-2-butene
Concen: 84.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion: 75 Resp: 90124

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



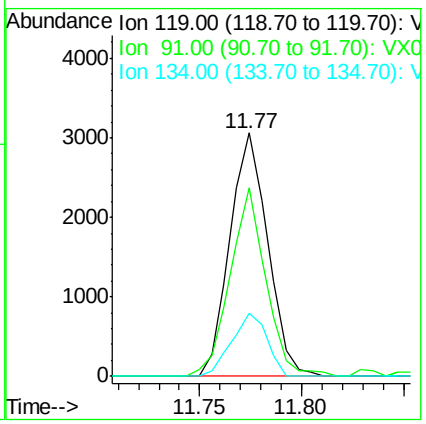


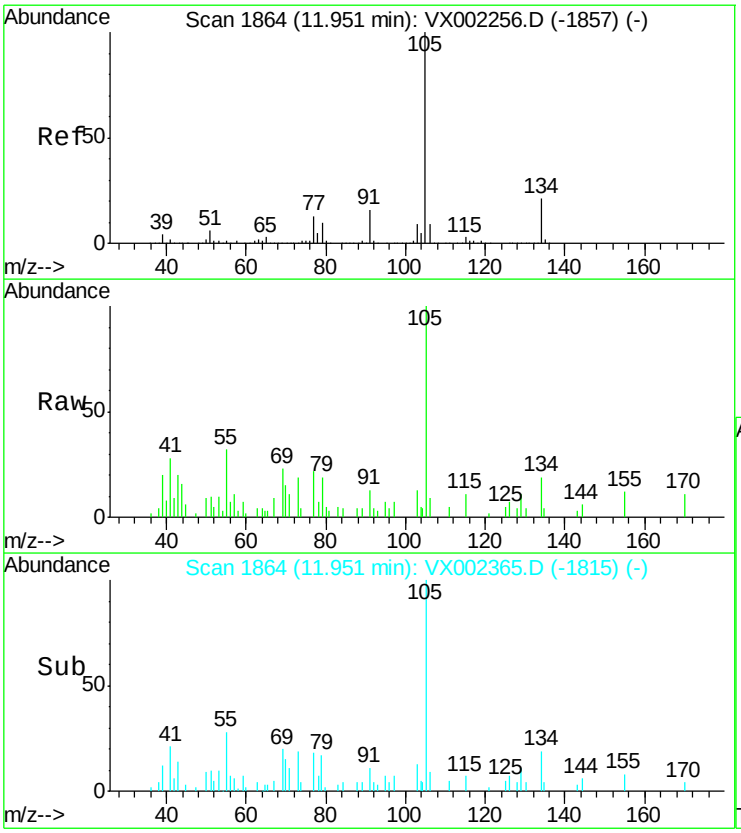
#83
tert-Butylbenzene
Concen: 0.40 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 3928

Ion	Ratio	Lower	Upper
119	100		
91	73.5	30.3	90.9
134	24.0	11.7	35.1

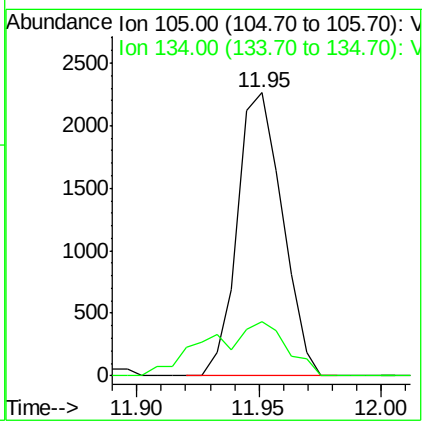


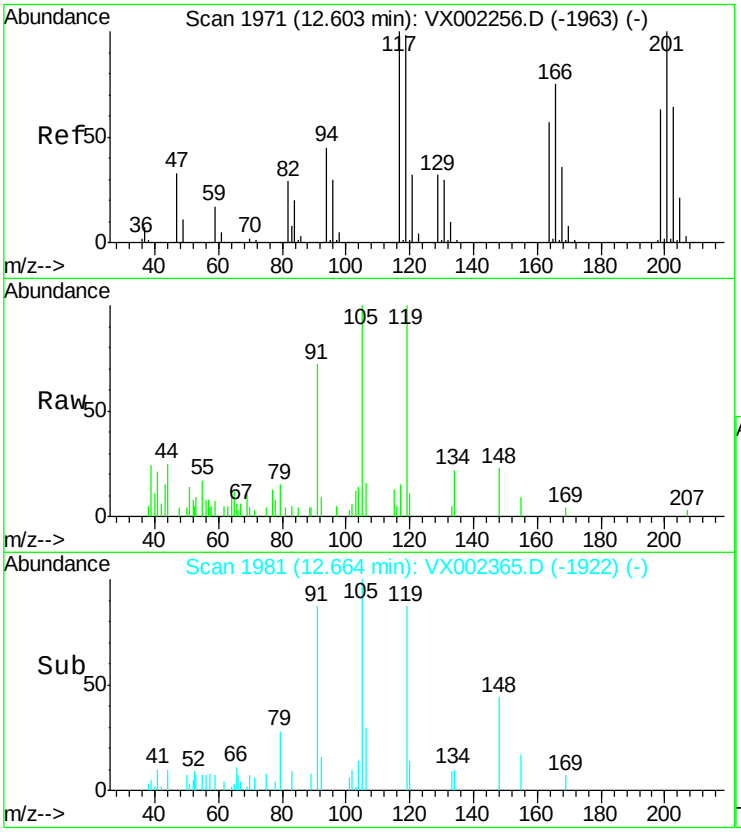


#85
sec-Butylbenzene
Concen: 0.25 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:105 Resp: 2891

Ion	Ratio	Lower	Upper
105	100		
134	33.7	10.4	31.1#



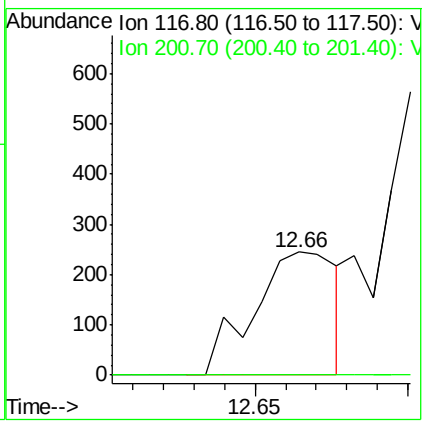


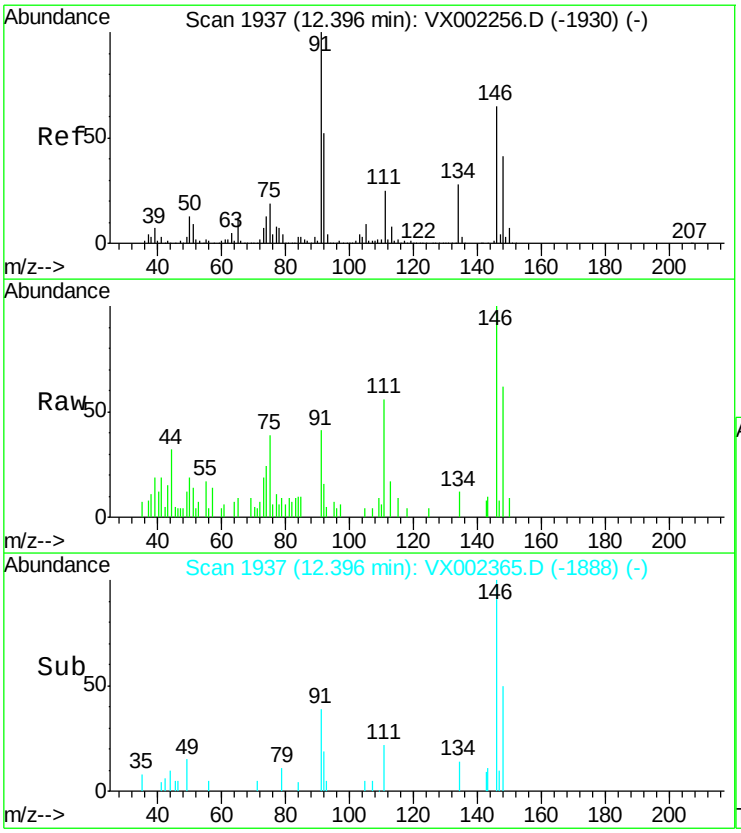
#90
Hexachloroethane
Concen: 0.28 ug/l
RT: 12.66 min Scan# 1981
Delta R.T. 0.06 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 464

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#91
1,2-Dichlorobenzene
Concen: 0.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002365.D
Acq: 06 Jun 2018 20:49

Tgt Ion:146 Resp: 1866

Ion	Ratio	Lower	Upper
146	100		
111	47.4	19.4	58.1
148	59.4	31.7	95.1