Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003377.D
Acq On : 13 Jul 2018 22:27
Operator : JC/MD
Sample : J3821-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Quant Time: Jul 14 02:48:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	304245	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	439544	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	414585	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238789	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	194320	58.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 117.16%				
35) Dibromofluoromethane	5.51	113	168579	52.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.22%				
50) Toluene-d8	8.72	98	635909	60.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.54%				
62) 4-Bromofluorobenzene	11.14	95	219352	48.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	155	Below Cal		#	43
3) Chloromethane	1.33	50	1204	Below Cal			99
5) Bromomethane	1.67	94	2868	1.29	ug/l		91
6) Chloroethane	1.70	64	354	Below Cal		#	69
8) Diethyl Ether	2.19	74	884	0.35	ug/l		94
10) Methyl Iodide	2.52	142	2715	0.73	ug/l		95
11) Tert butyl alcohol	3.07	59	415	0.47	ug/l	#	89
13) Acrolein	2.30	56	204	Below Cal		#	36
16) Acetone	2.45	43	34347	20.11	ug/l	#	87
17) Carbon Disulfide	2.57	76	1801	0.22	ug/l	#	82
18) Methyl Acetate	2.78	43	23245	4.38	ug/l		93
20) Methylene Chloride	2.86	84	24401	5.54	ug/l		91
25) 2-Butanone	4.71	43	3726	1.41	ug/l		95
29) Tetrahydrofuran	5.18	42	1192	0.70	ug/l	#	70
30) Chloroform	5.22	83	2671	0.41	ug/l		90
31) Cyclohexane	5.67	56	5385	1.03	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	20139	4.31	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	27192	5.71	ug/l	#	17
47) Bromodichloromethane	7.91	83	1199	0.25	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.66	43	1229	0.23	ug/l	#	84
68) m/p-Xylenes	10.36	106	2527	0.38	ug/l		92
69) o-Xylene	10.70	106	1487	0.23	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	107730	22.84	ug/l	#	33
78) n-propylbenzene	11.36	91	3783	0.20	ug/l		96
80) 1,3,5-Trimethylbenzene	11.51	105	5117	0.37	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.14	75	107730	76.14	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	18271	1.32	ug/l		100
89) n-Butylbenzene	12.39	91	3071	0.25	ug/l	#	61
90) Hexachloroethane	12.60	117	582	0.27	ug/l	#	1
95) Naphthalene	13.83	128	26300	1.57	ug/l		98

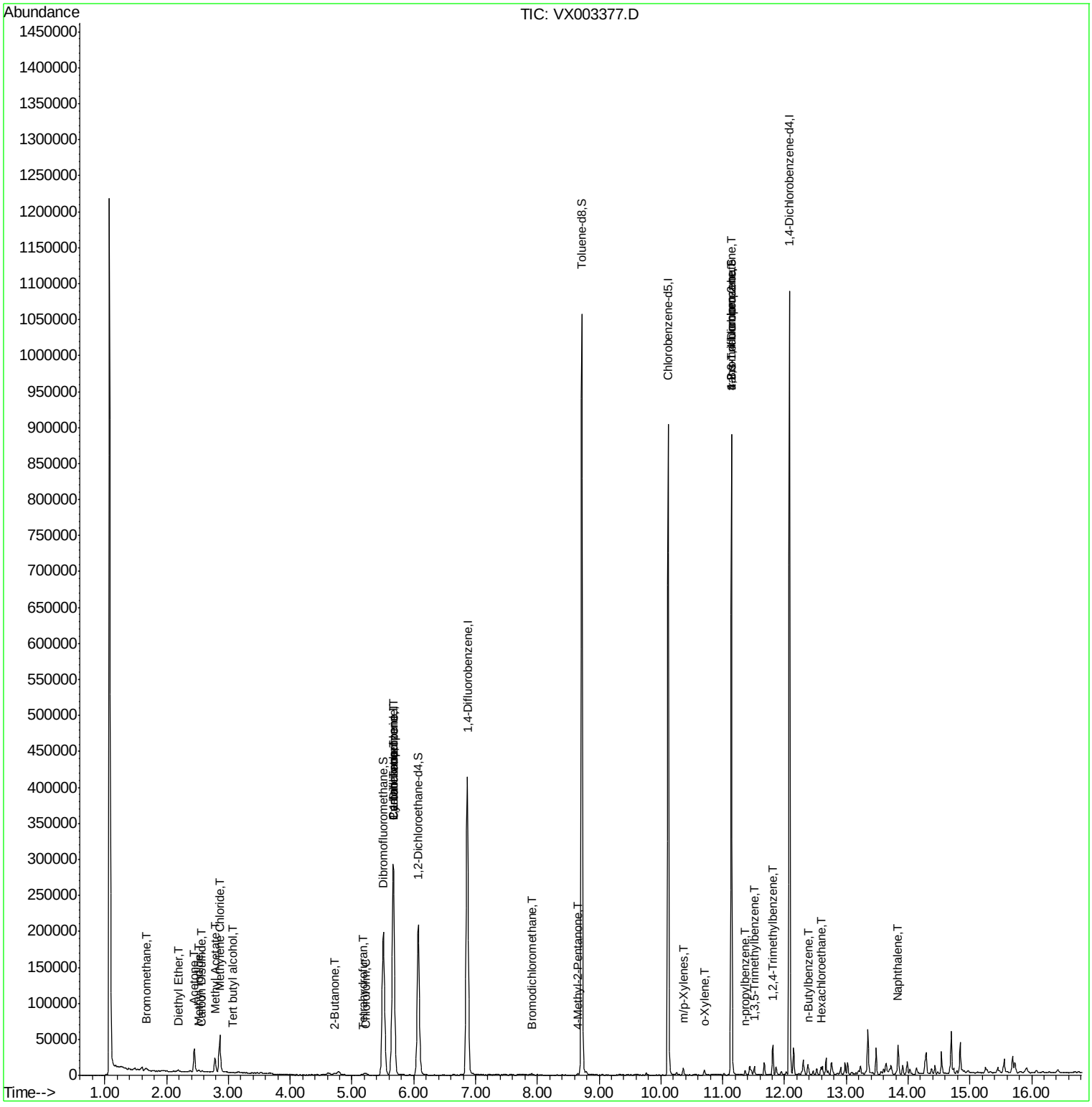
(#) = qualifier out of range (m) = manual integration (+) = signals summed

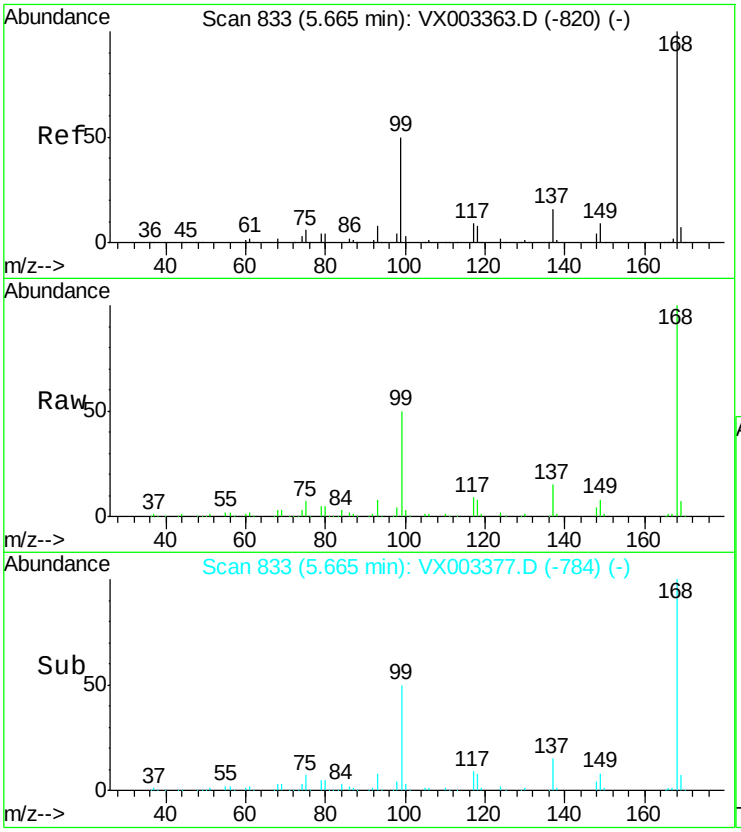
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003377.D
Acq On : 13 Jul 2018 22:27
Operator : JC/MD
Sample : J3821-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Quant Time: Jul 14 02:48:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration



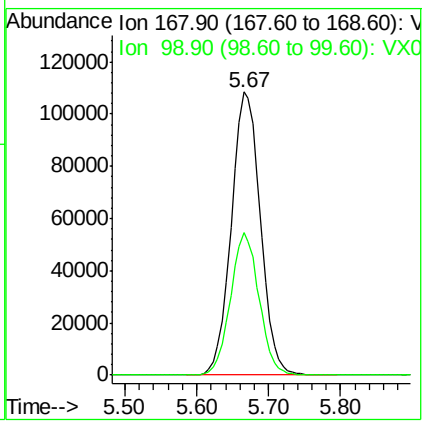


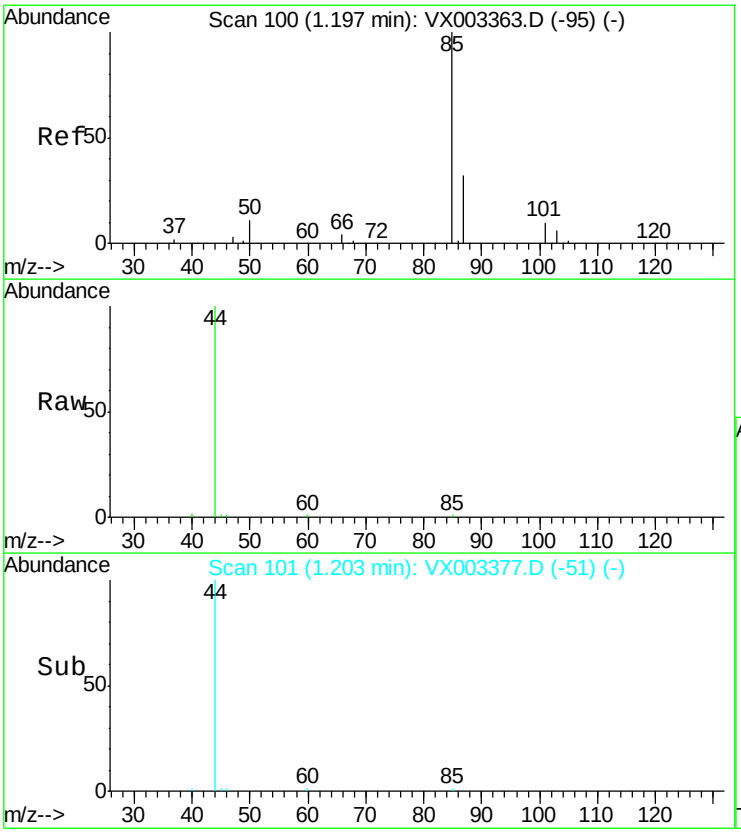
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:168 Resp: 304245

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.3	58.9

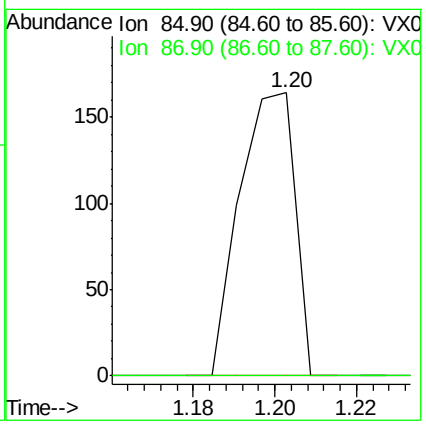


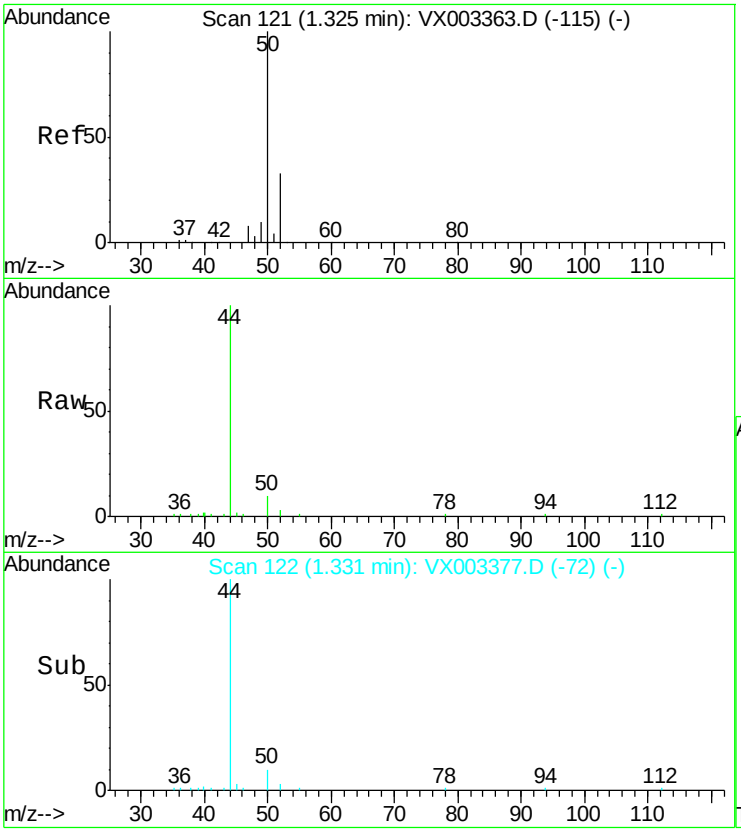


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 85 Resp: 155

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



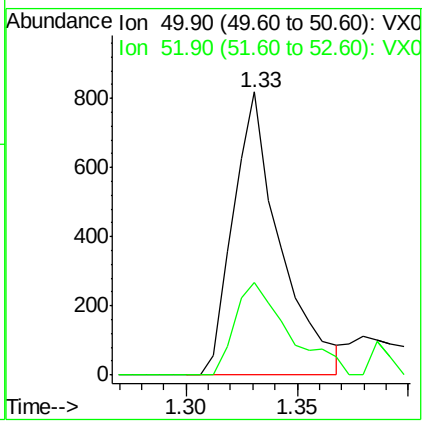


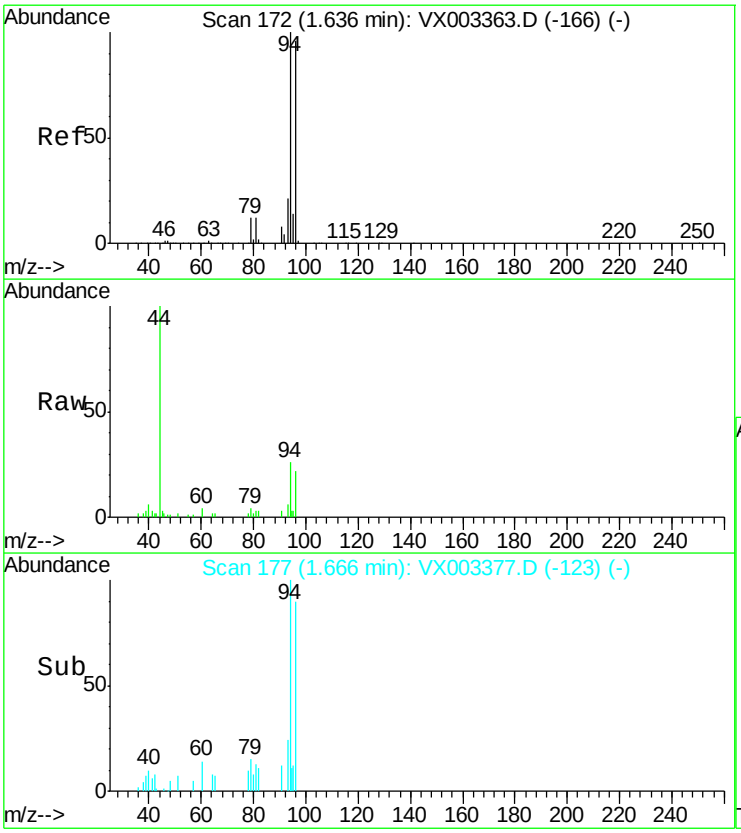
#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 50 Resp: 1204

Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.7	38.5

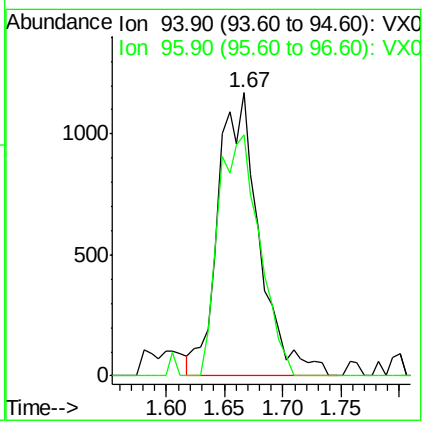


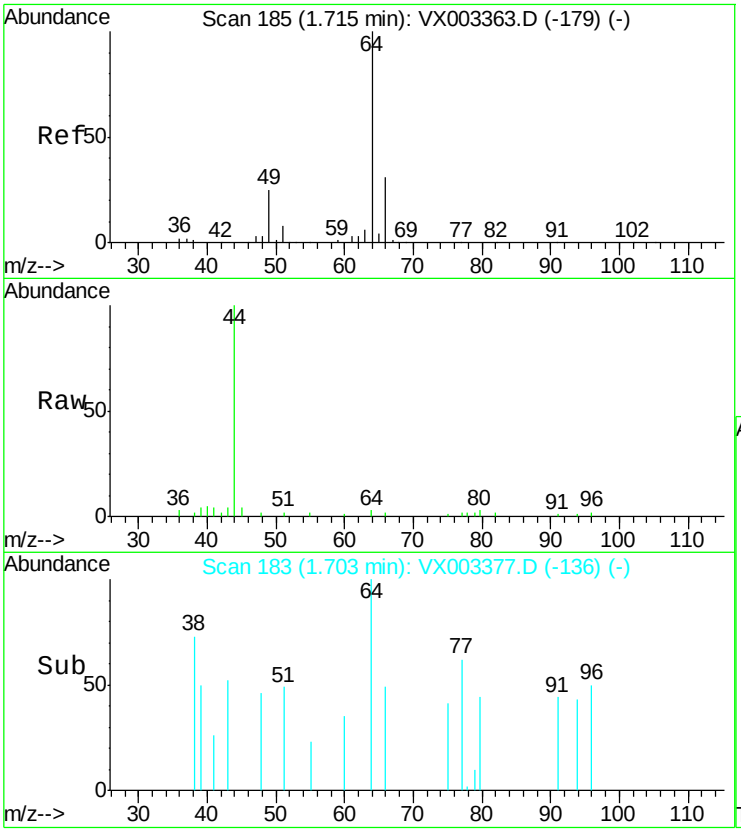


#5
Bromomethane
Concen: 1.29 ug/l
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 94 Resp: 2868

Ion	Ratio	Lower	Upper
94	100		
96	85.0	74.9	112.3



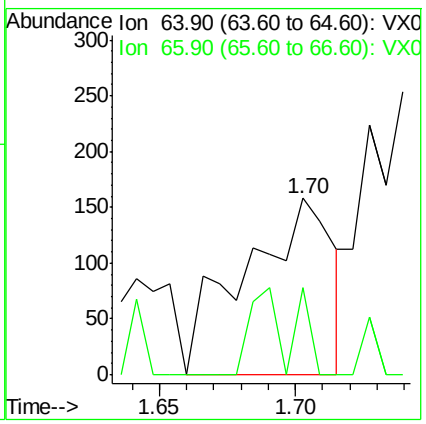


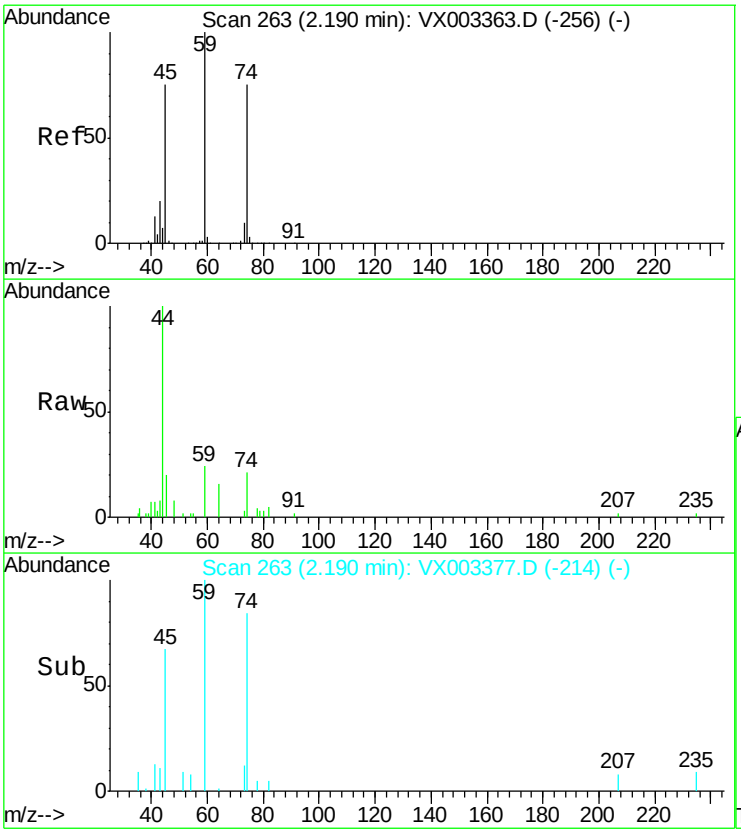
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 183
Delta R.T. -0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 64 Resp: 354

Ion	Ratio	Lower	Upper
64	100		
66	49.4	25.5	38.3#

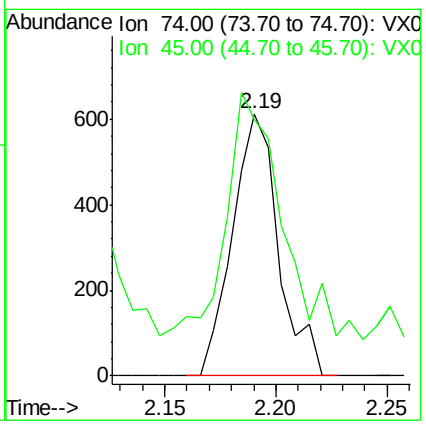


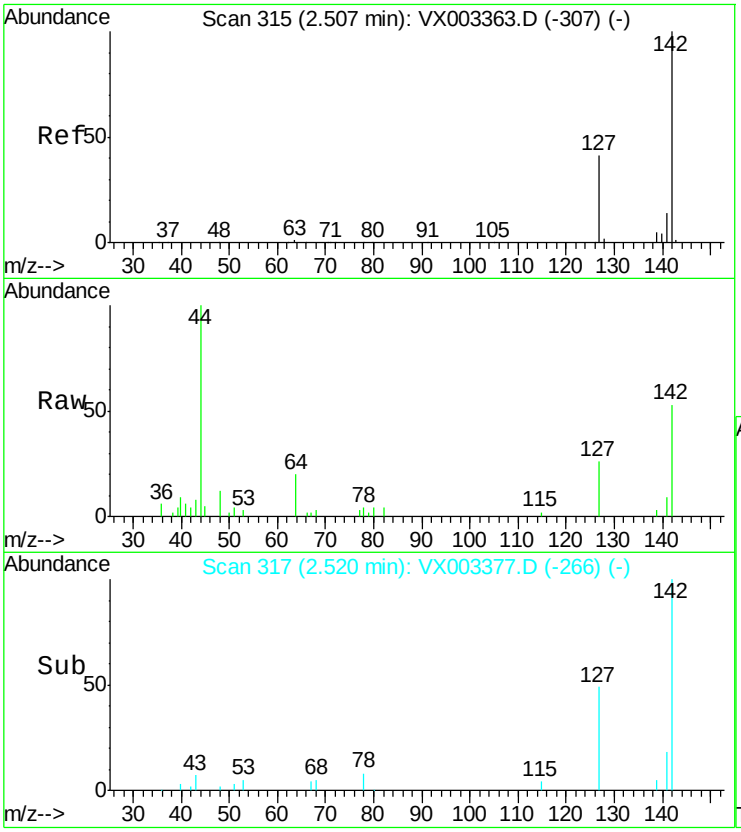


#8
Diethyl Ether
Concen: 0.35 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 74 Resp: 884

Ion	Ratio	Lower	Upper
74	100		
45	112.3	53.1	159.4



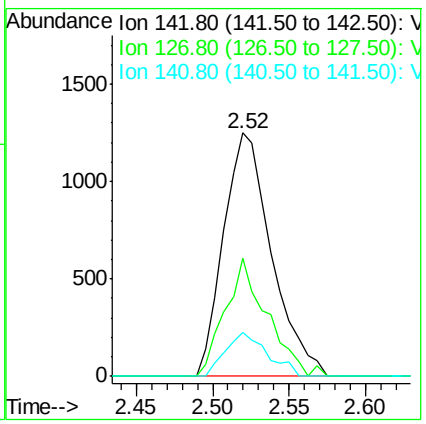


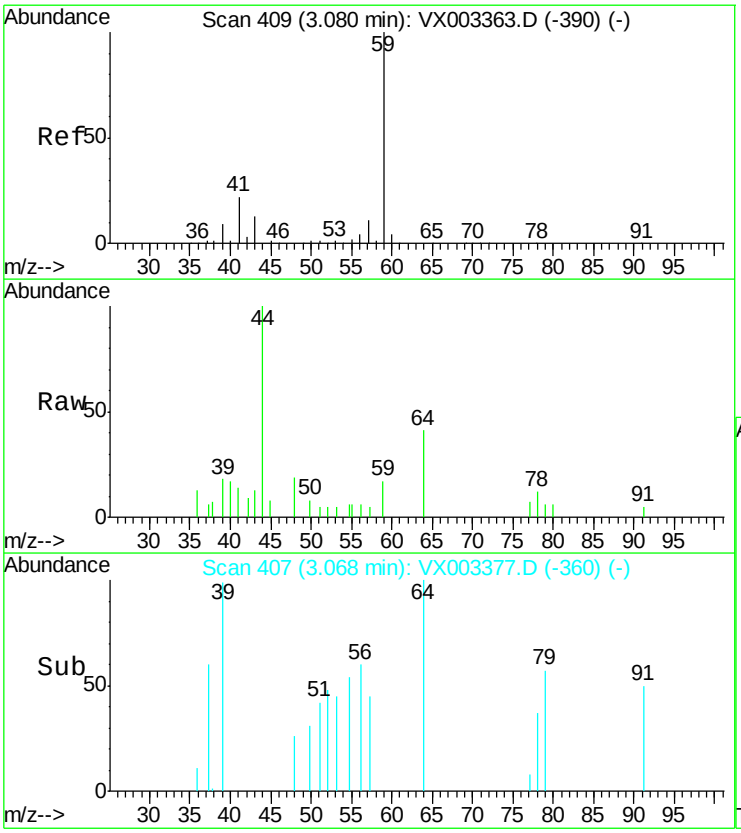
#10
Methyl Iodide
Concen: 0.73 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Tgt Ion:142 Resp: 2715

Ion	Ratio	Lower	Upper
142	100		
127	42.6	36.6	55.0
141	15.6	11.3	16.9

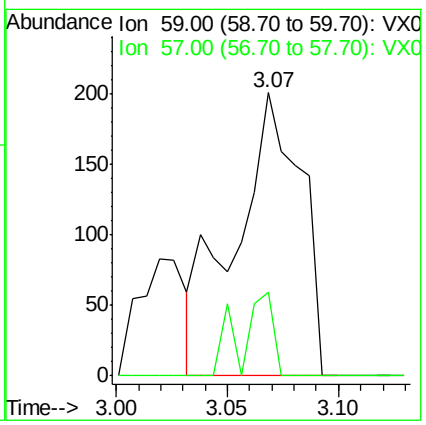


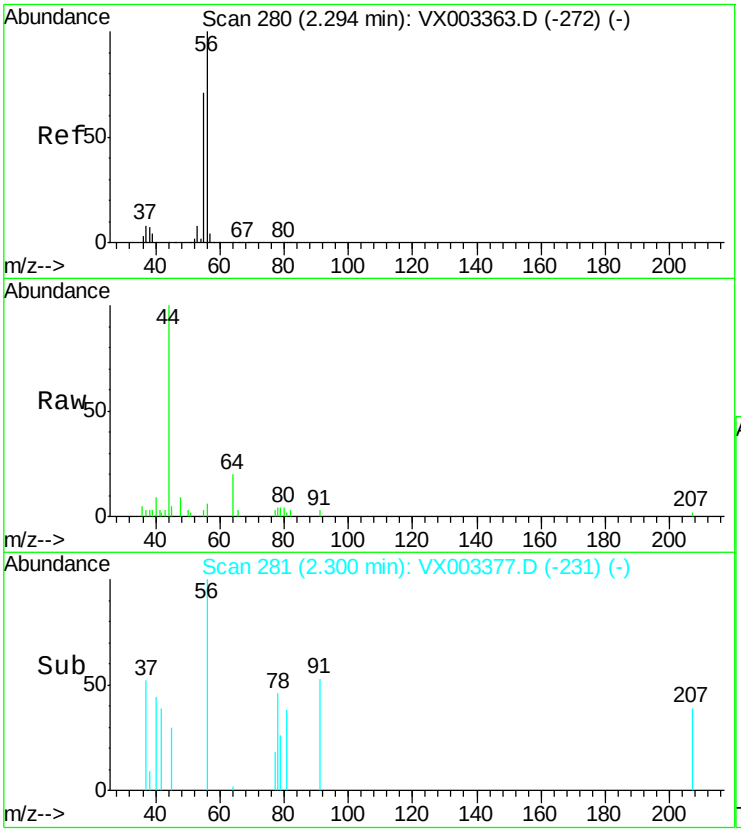


#11
Tert butyl alcohol
Concen: 0.47 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 59 Resp: 415

Ion	Ratio	Lower	Upper
59	100		
57	14.2	8.2	12.2#



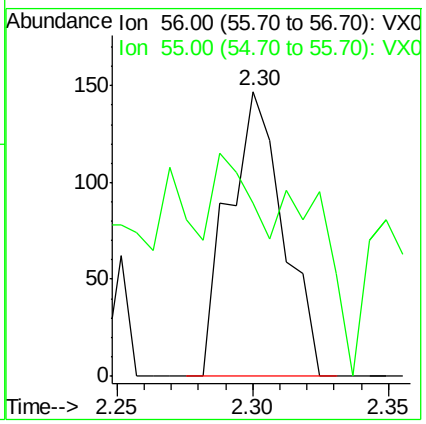


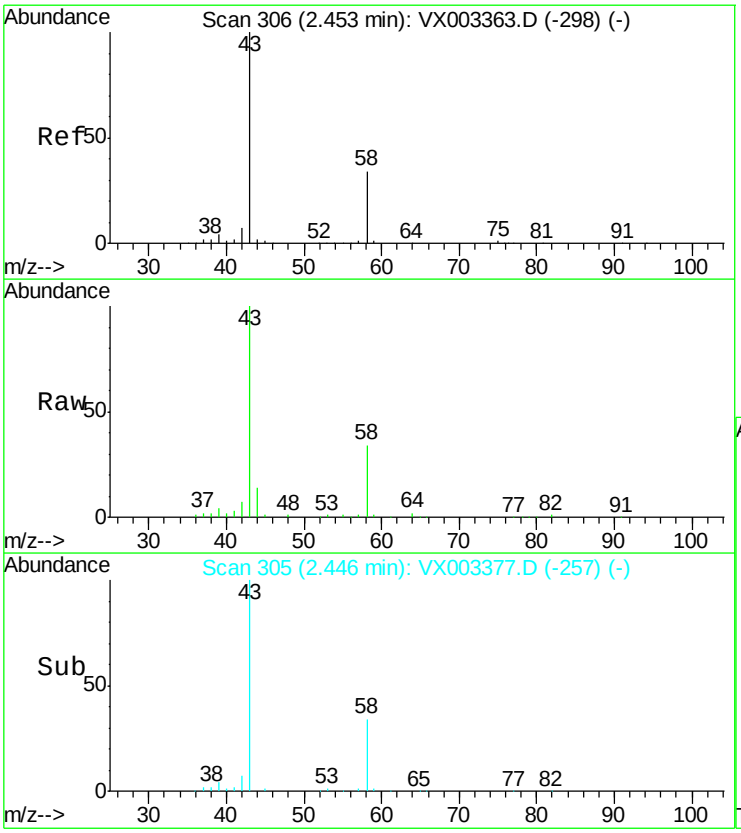
#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 56 Resp: 204

Ion	Ratio	Lower	Upper
56	100		
55	18.1	57.0	85.4#

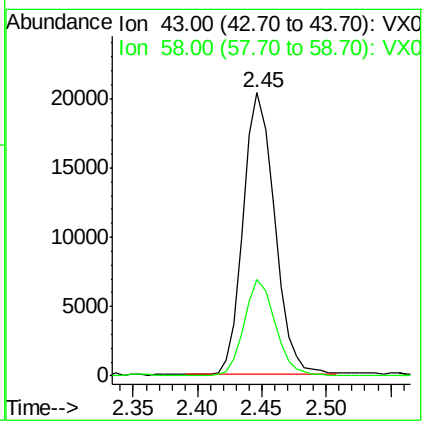


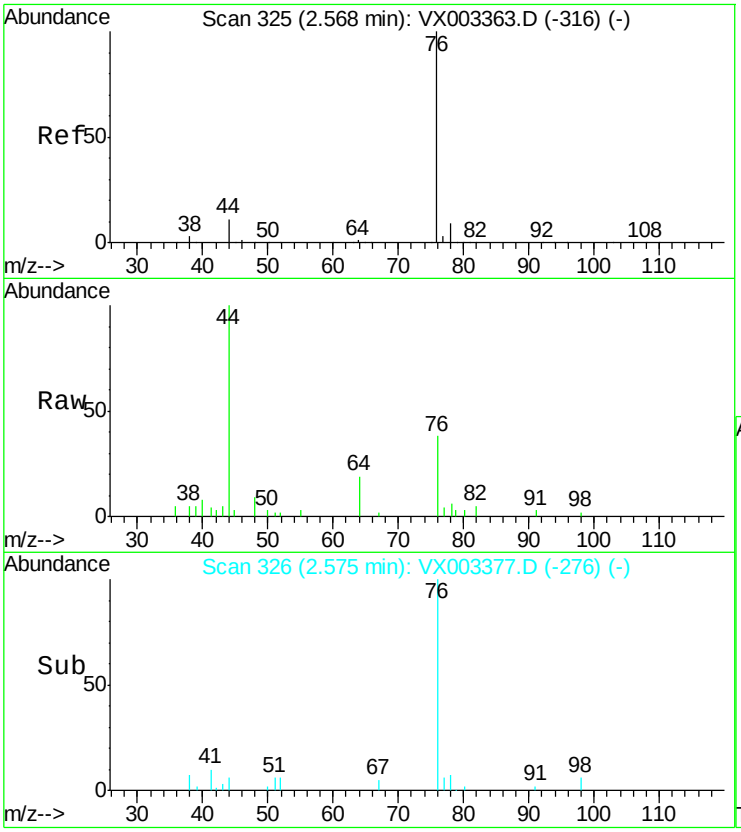


#16
Acetone
Concen: 20.11 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 43 Resp: 34347

Ion	Ratio	Lower	Upper
43	100		
58	34.3	22.1	33.1#



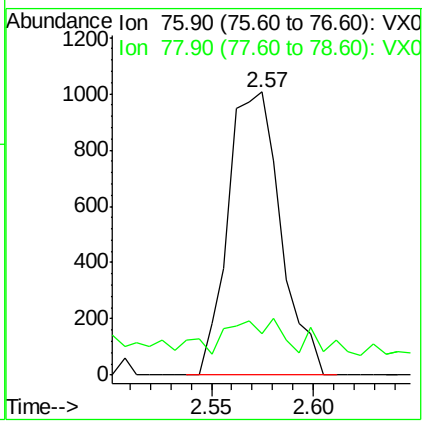


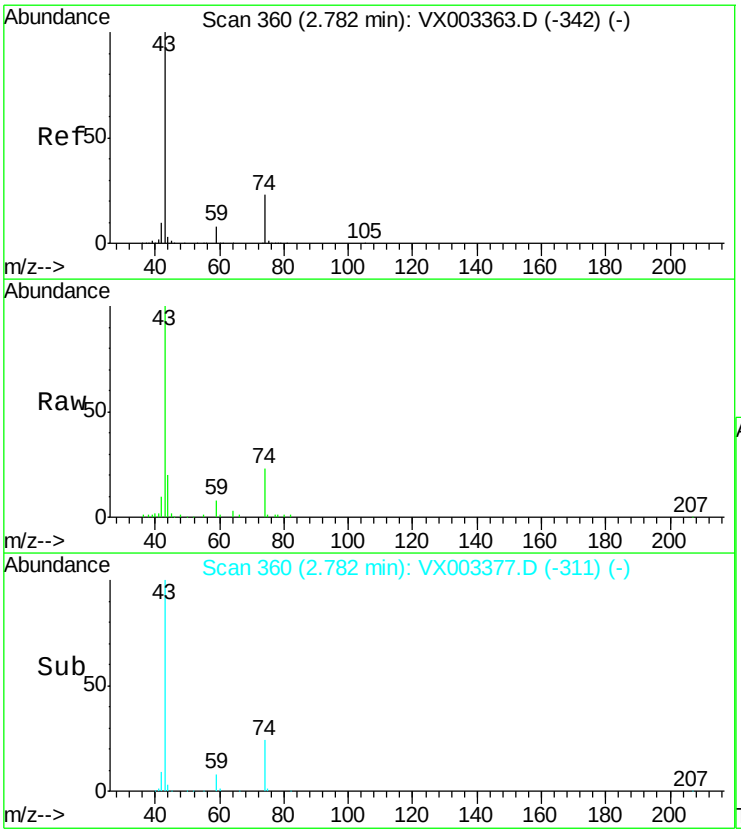
#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 76 Resp: 1801

Ion	Ratio	Lower	Upper
76	100		
78	2.1	6.9	10.3#

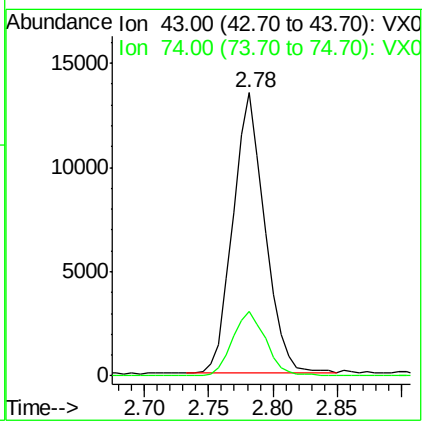


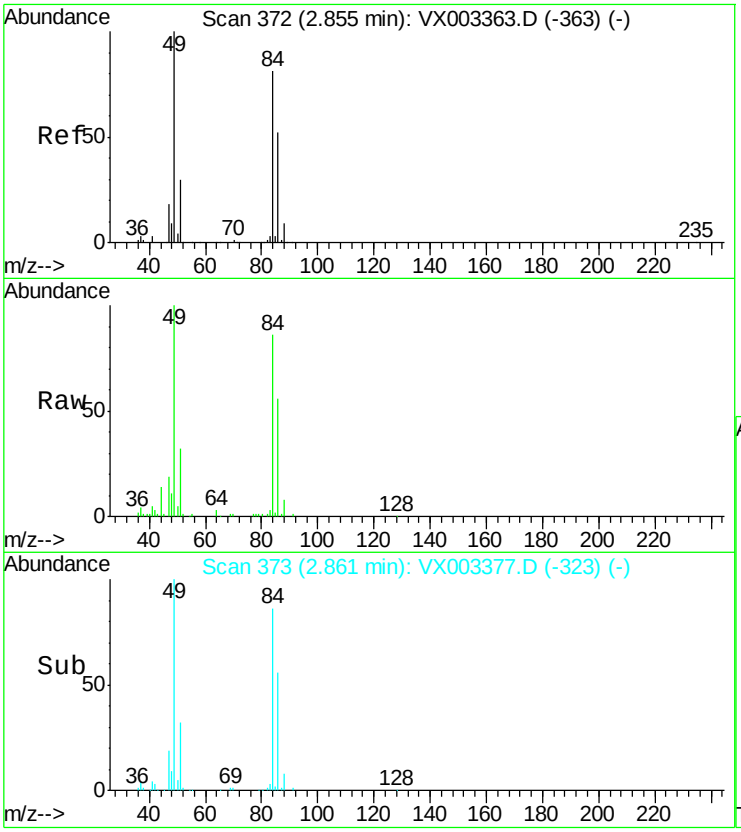


#18
Methyl Acetate
Concen: 4.38 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 43 Resp: 23245

Ion	Ratio	Lower	Upper
43	100		
74	24.1	16.7	25.1



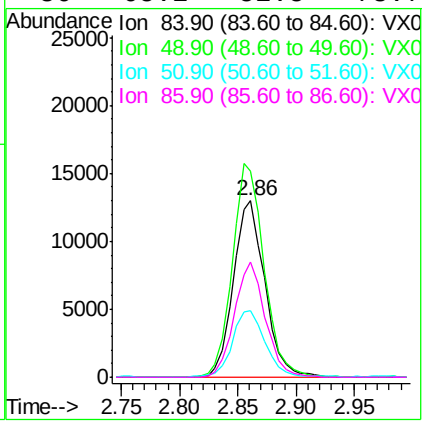


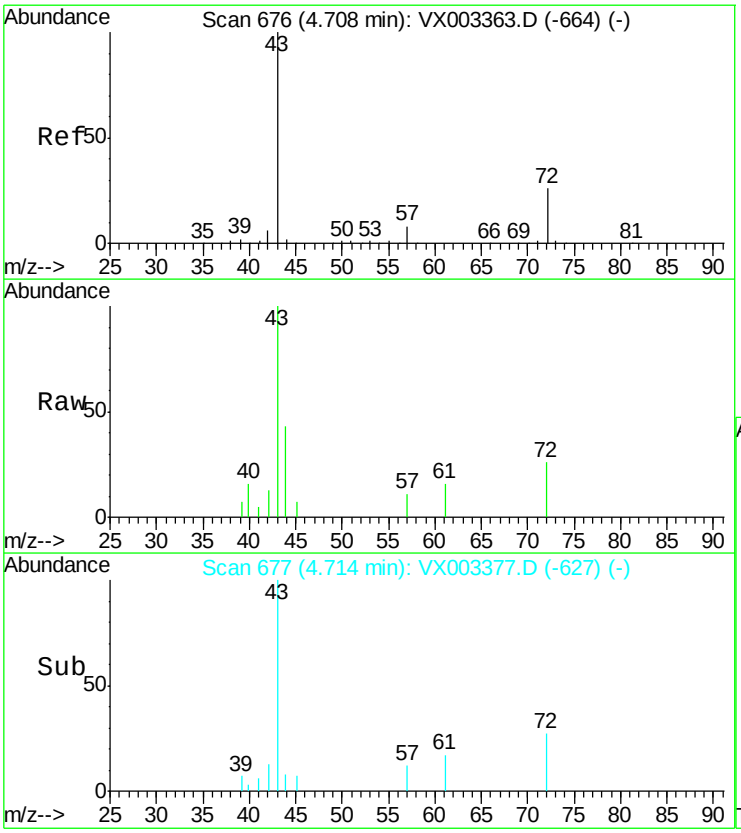
#20
Methylene Chloride
Concen: 5.54 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Tgt Ion: 84 Resp: 24401

Ion	Ratio	Lower	Upper
84	100		
49	116.9	107.8	161.6
51	38.0	32.8	49.2
86	65.2	52.5	78.7

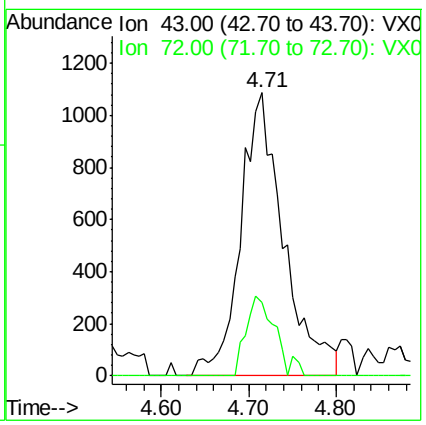


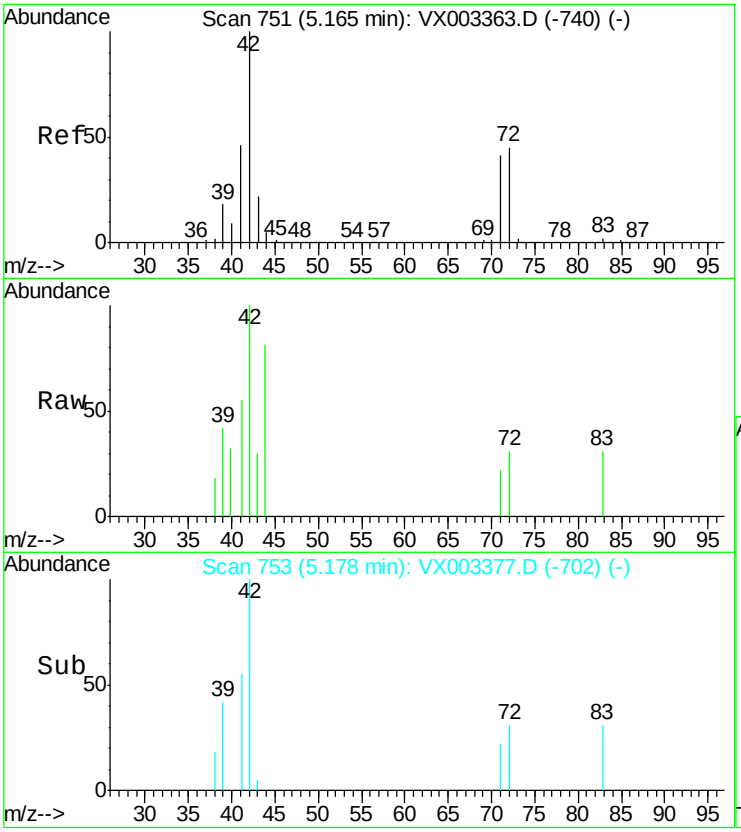


#25
2-Butanone
Concen: 1.41 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 43 Resp: 3726

Ion	Ratio	Lower	Upper
43	100		
72	25.8	18.5	27.7



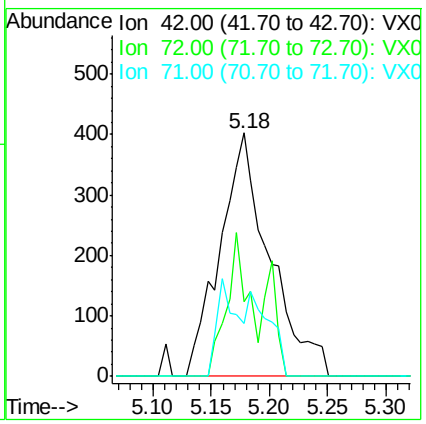


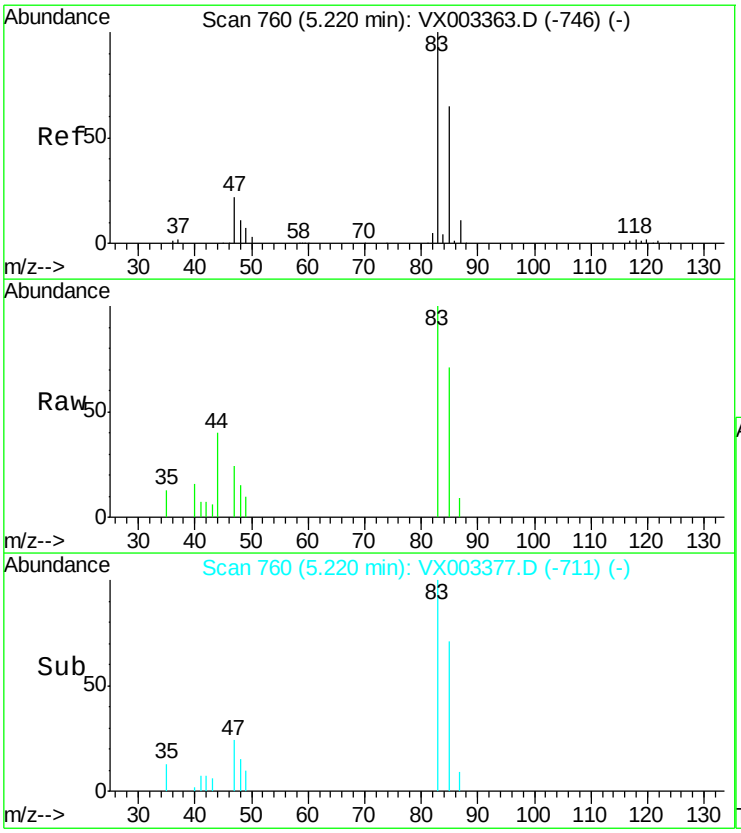
#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 42 Resp: 1192

Ion	Ratio	Lower	Upper
42	100		
72	25.5	32.0	48.0#
71	15.9	30.1	45.1#

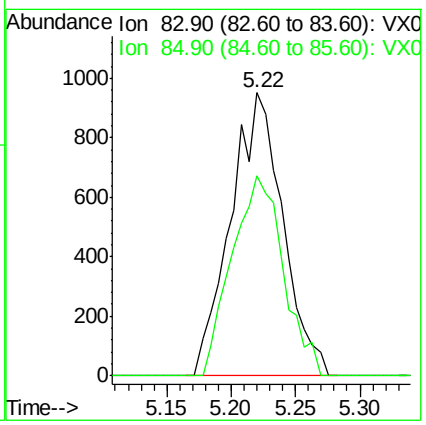


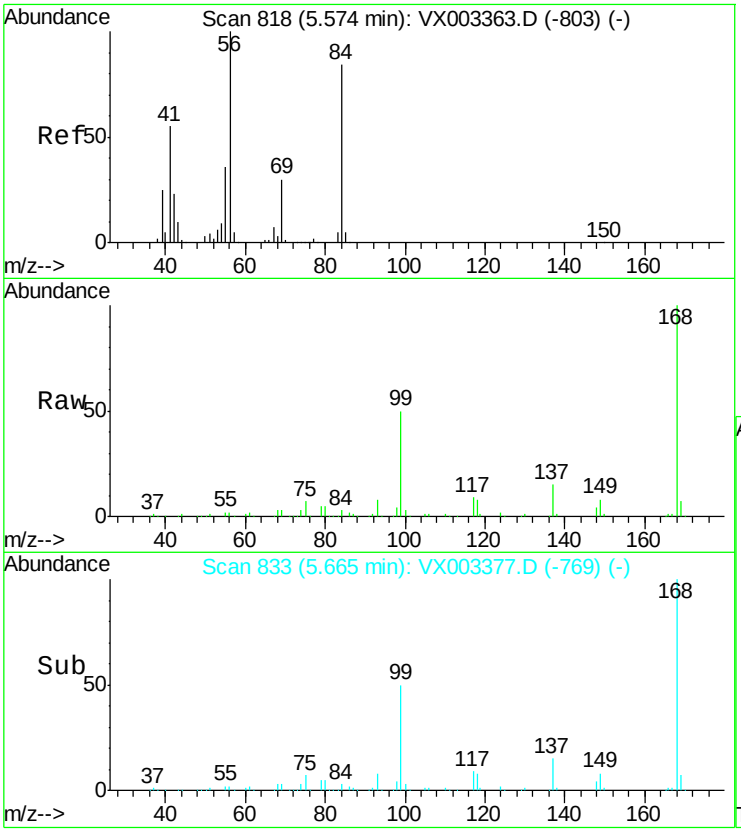


#30
Chloroform
Concen: 0.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 83 Resp: 2671

Ion	Ratio	Lower	Upper
83	100		
85	70.9	50.4	75.6



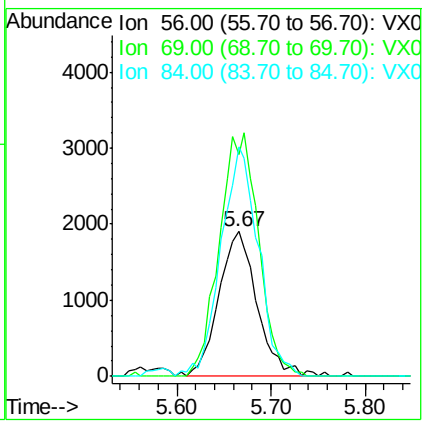


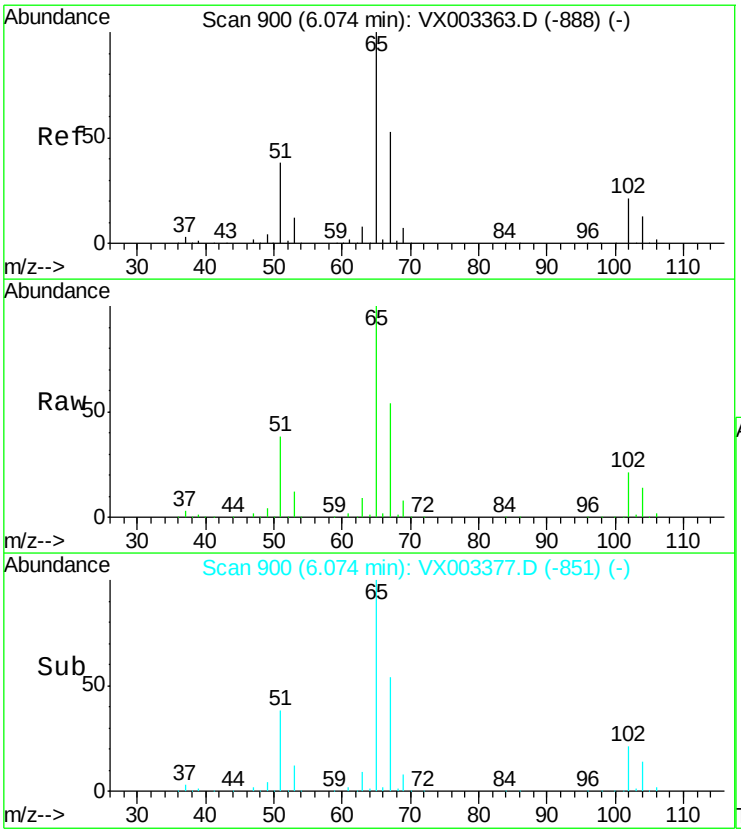
#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Tgt Ion: 56 Resp: 5385

Ion	Ratio	Lower	Upper
56	100		
69	153.4	23.7	35.5#
84	158.4	64.1	96.1#

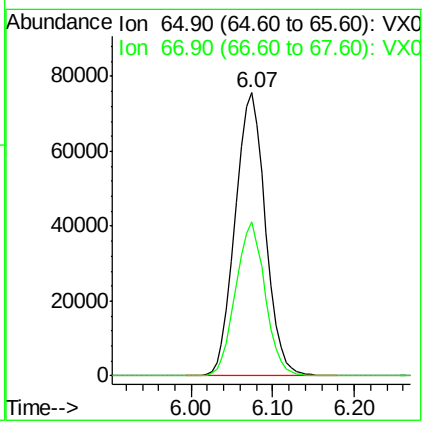


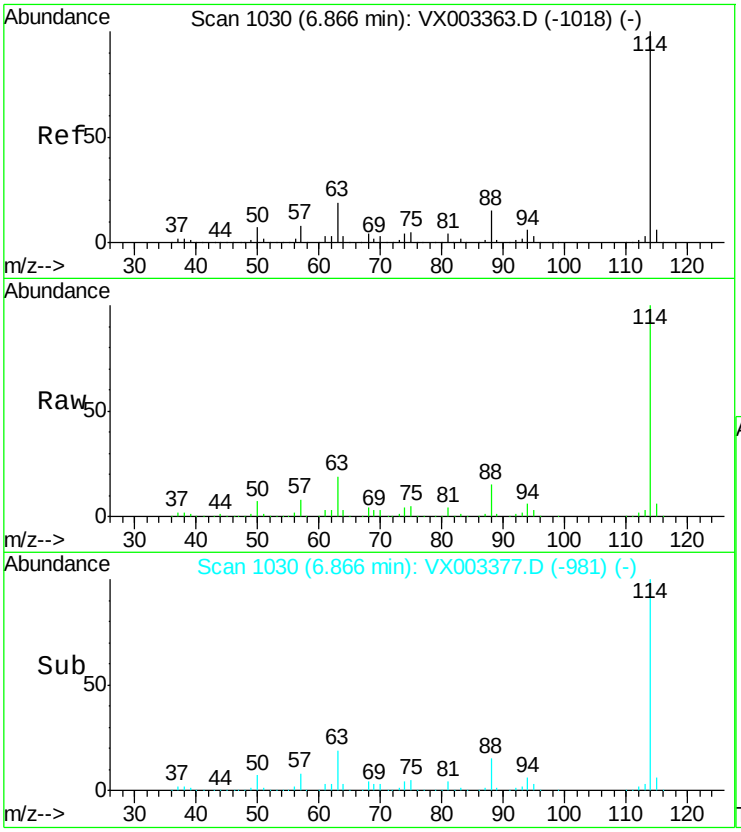


#33
1,2-Dichloroethane-d4
Concen: 58.58 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 65 Resp: 194320

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.6



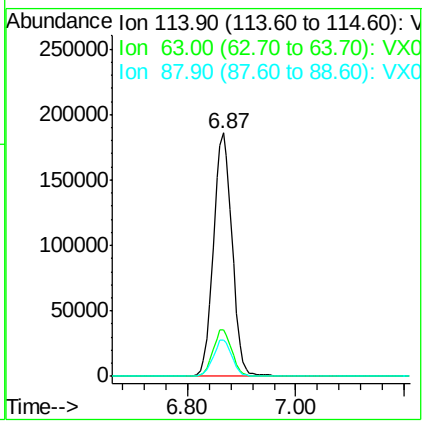


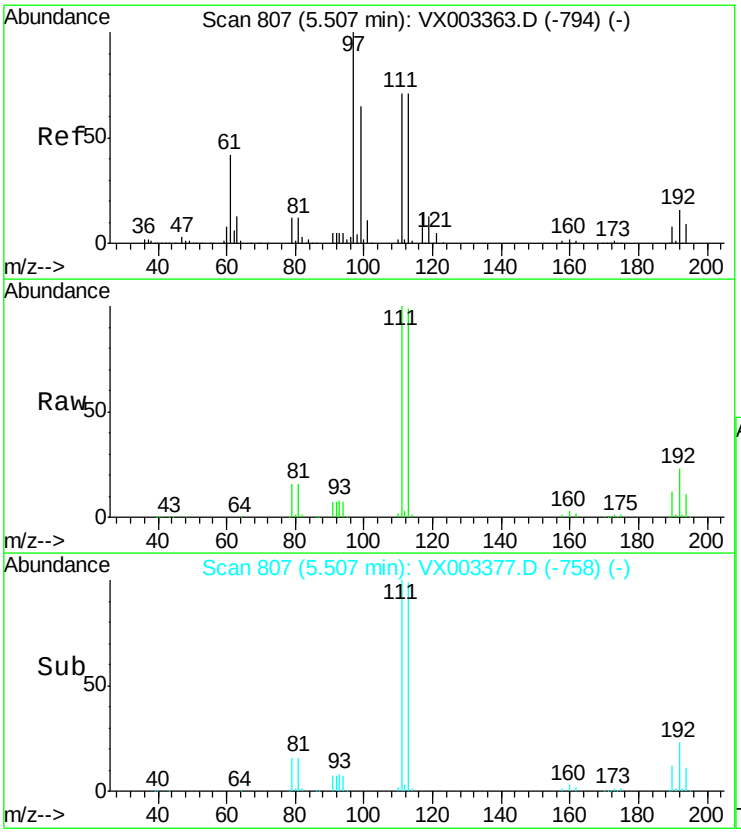
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:114 Resp: 439544

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	14.8	0.0	30.0

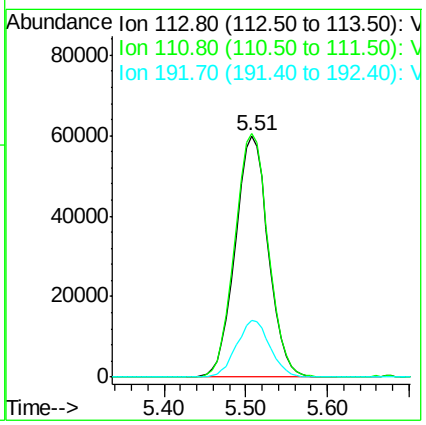


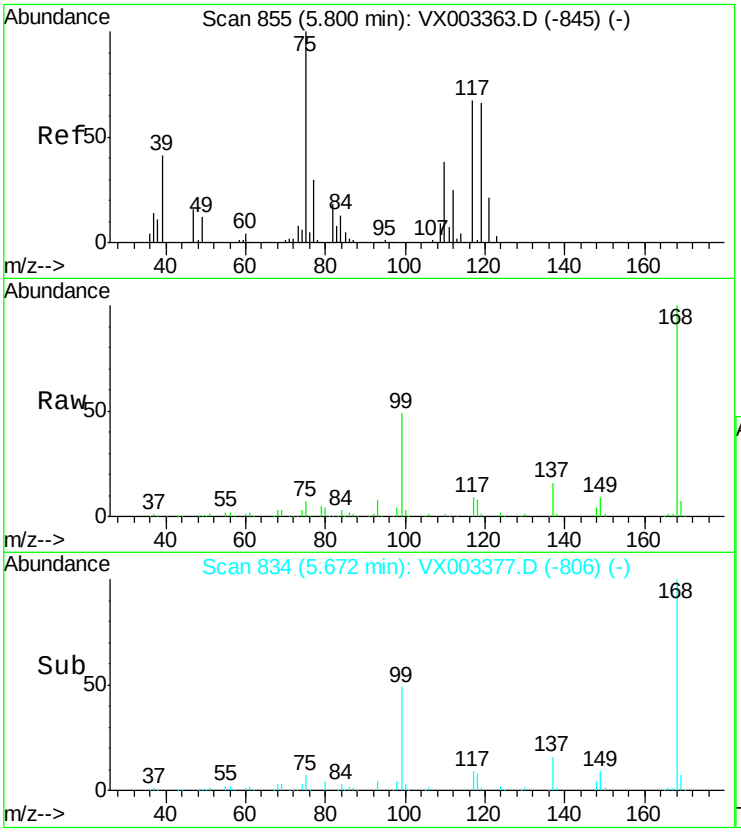


#35
Dibromofluoromethane
Concen: 52.11 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:113 Resp: 168579

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	23.7	19.1	28.7



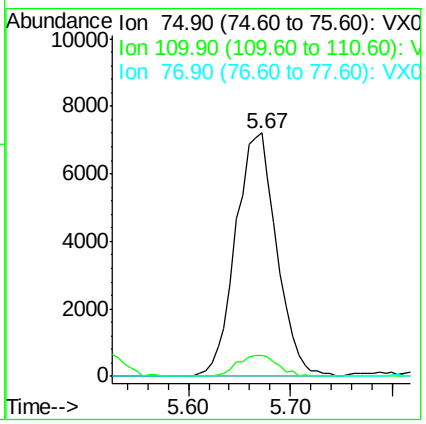


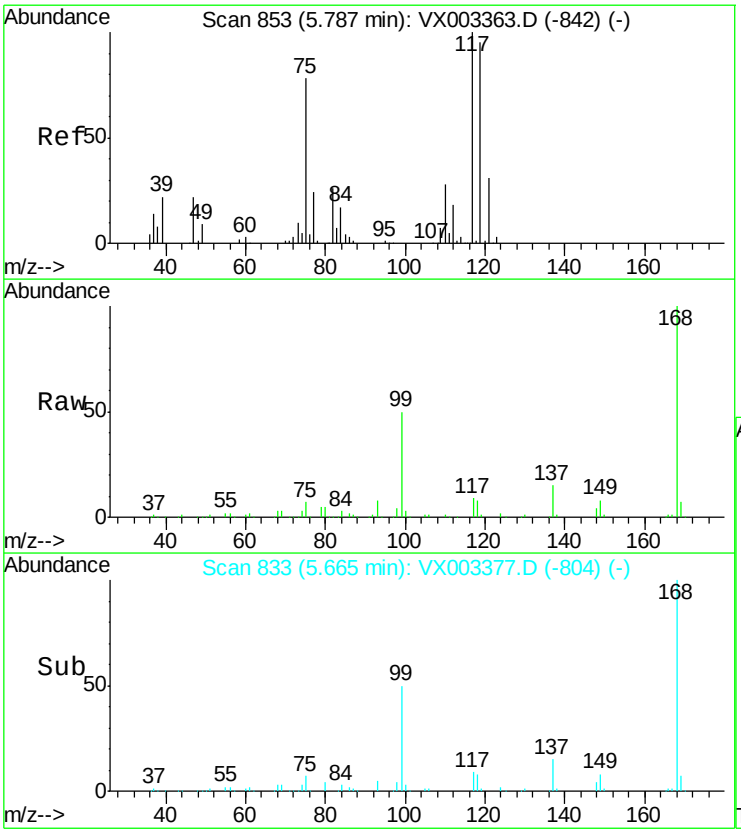
#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 75 Resp: 20139

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	24.3	36.5#

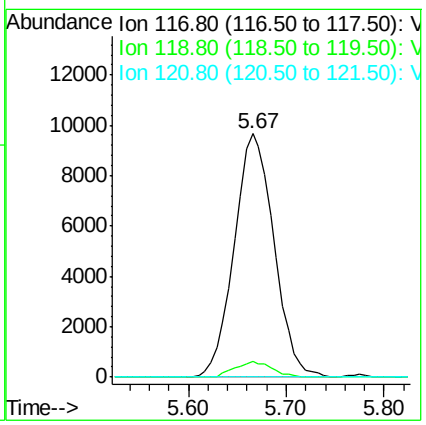


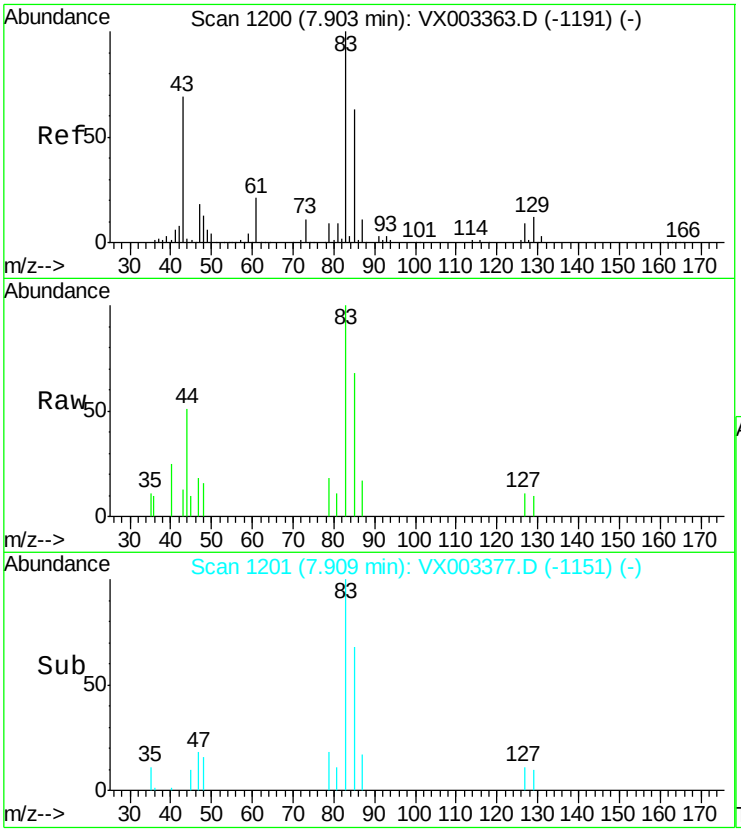


#38
Carbon Tetrachloride
Concen: 5.71 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:117 Resp: 27192

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.4	116.0#
121	0.0	24.4	36.6#



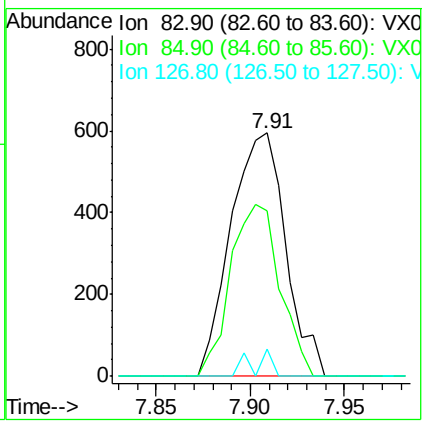


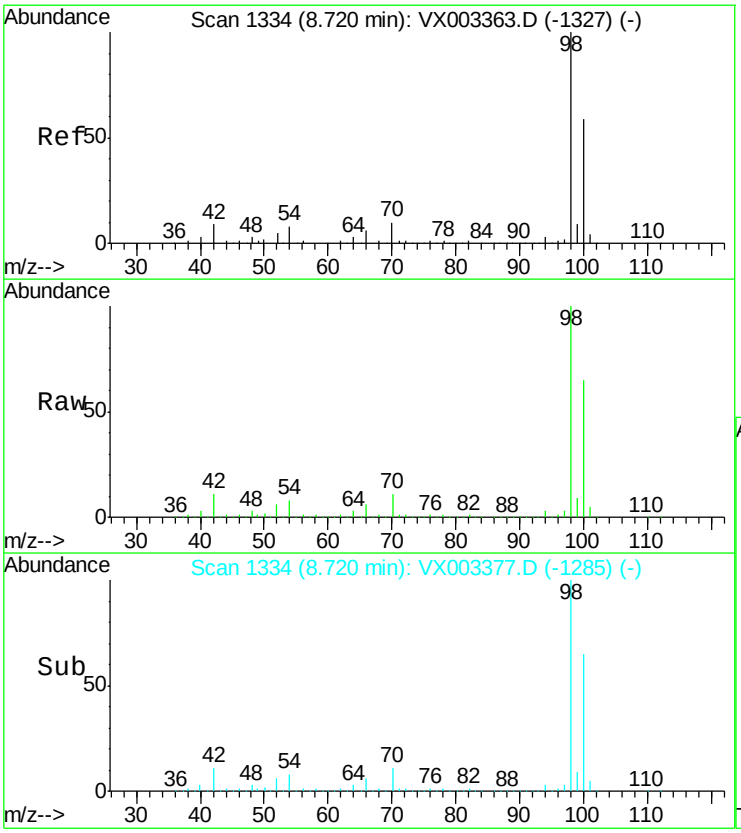
#47
Bromodichloromethane
Concen: 0.25 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Tgt Ion: 83 Resp: 1199

Ion	Ratio	Lower	Upper
83	100		
85	67.9	50.3	75.5
127	11.3	7.0	10.4#

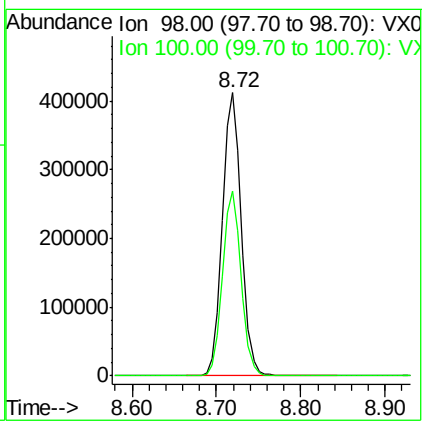


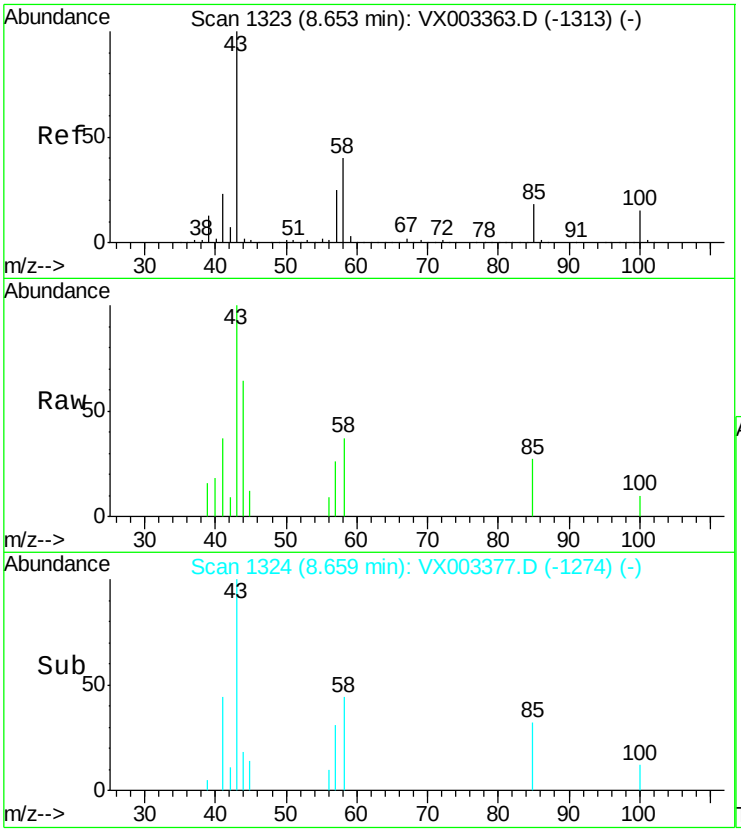


#50
Toluene-d8
Concen: 60.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 98 Resp: 635909

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3



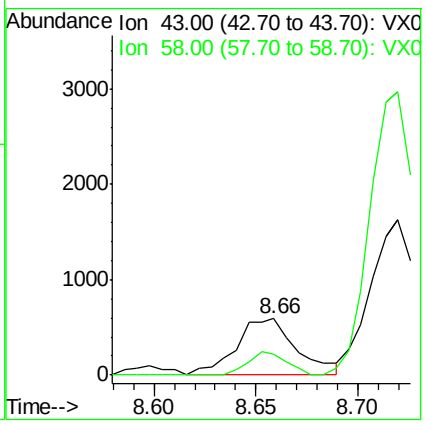


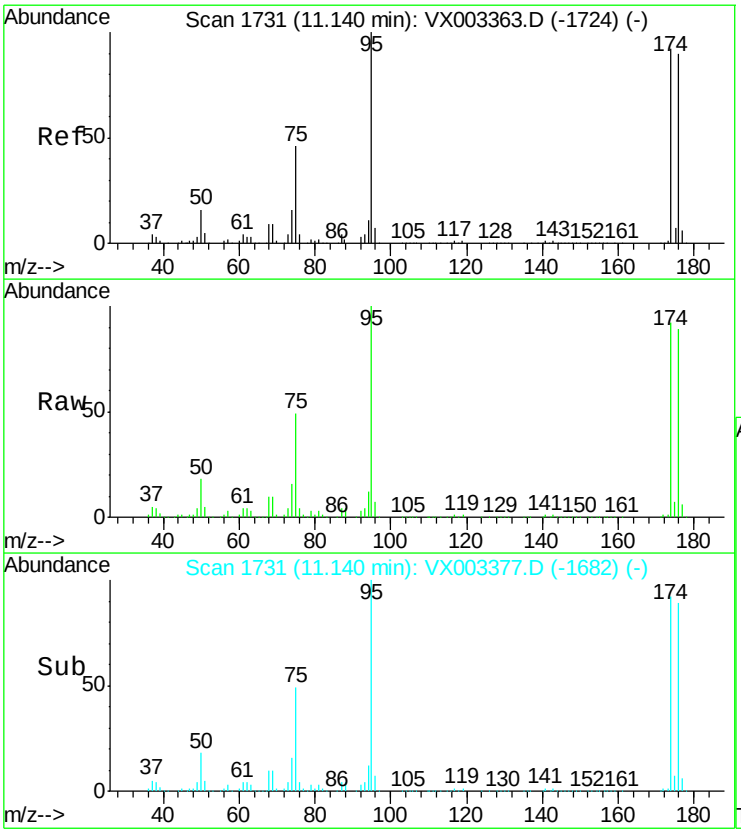
#51
4-Methyl-2-Pentanone
Concen: 0.23 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 43 Resp: 1229

Ion	Ratio	Lower	Upper
43	100		
58	26.2	28.6	42.8#

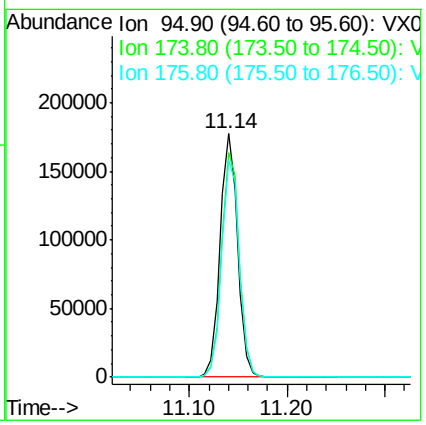


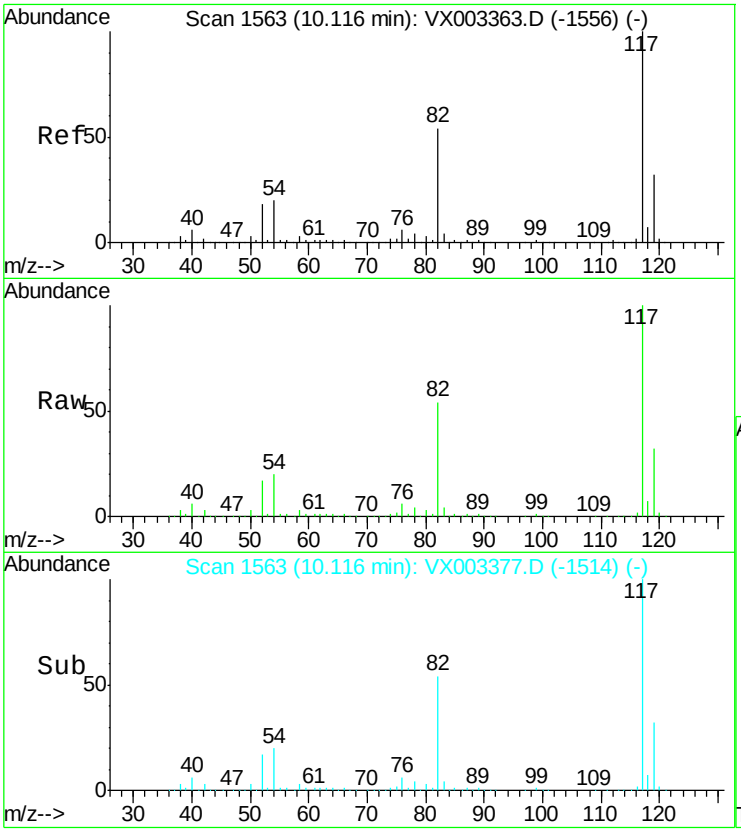


#62
4-Bromofluorobenzene
Concen: 48.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 95 Resp: 219352

Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	187.4
176	90.2	0.0	181.0



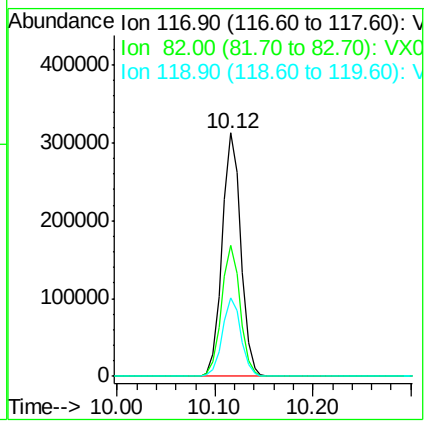


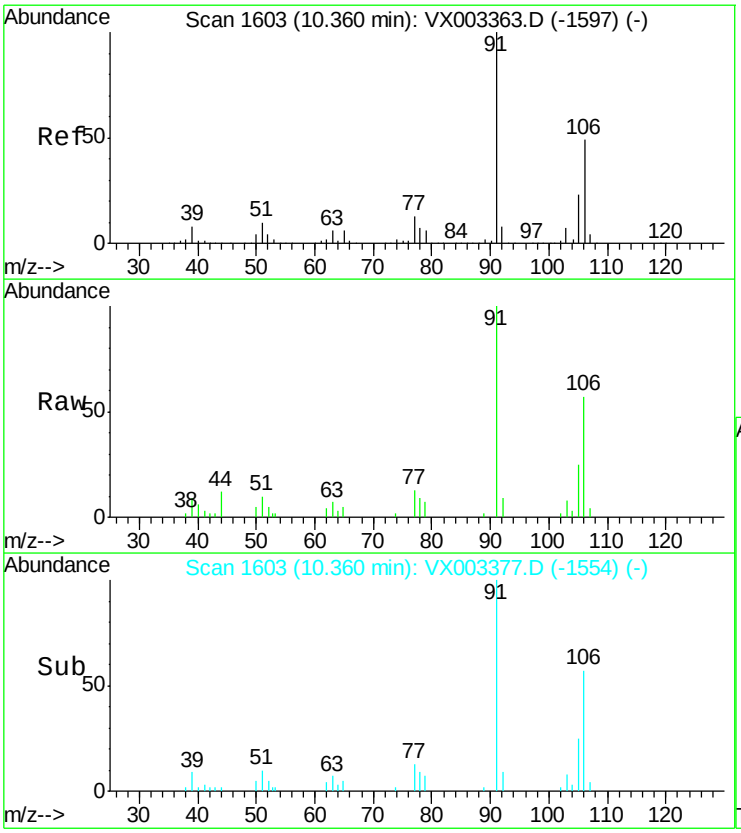
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument : MSVOA_X
ClientSampleId : HR-05-071218-B

Tgt Ion:117 Resp: 414585

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.5	25.8	38.6

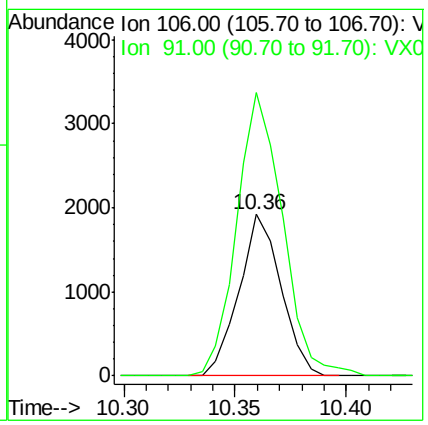


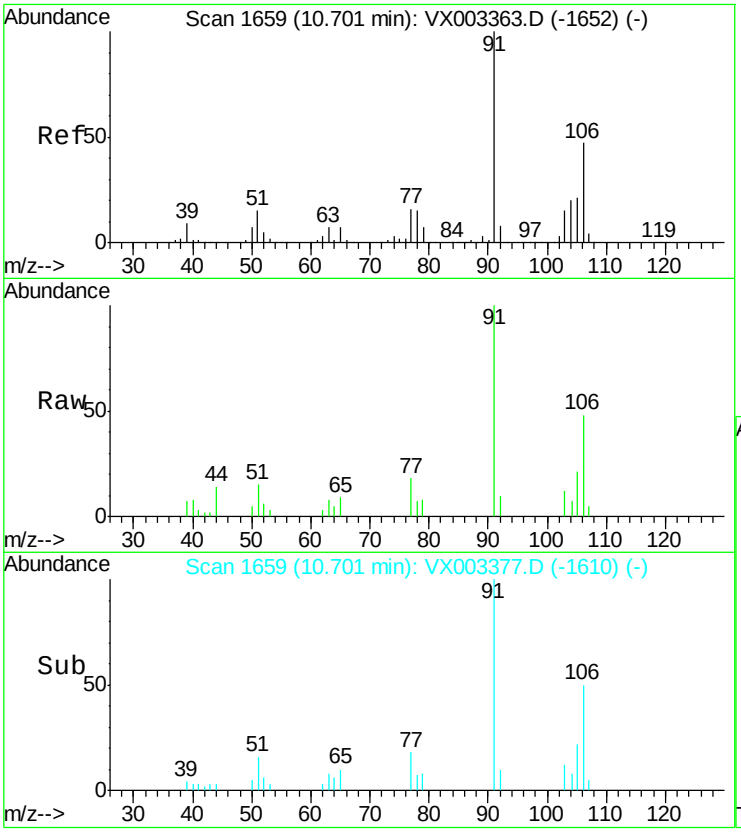


#68
m/p-Xylenes
Concen: 0.38 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:106 Resp: 2527

Ion	Ratio	Lower	Upper
106	100		
91	191.4	163.4	245.2



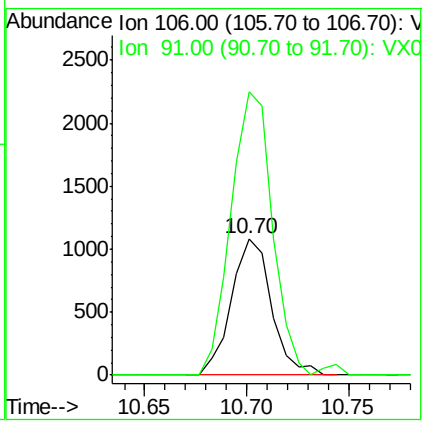


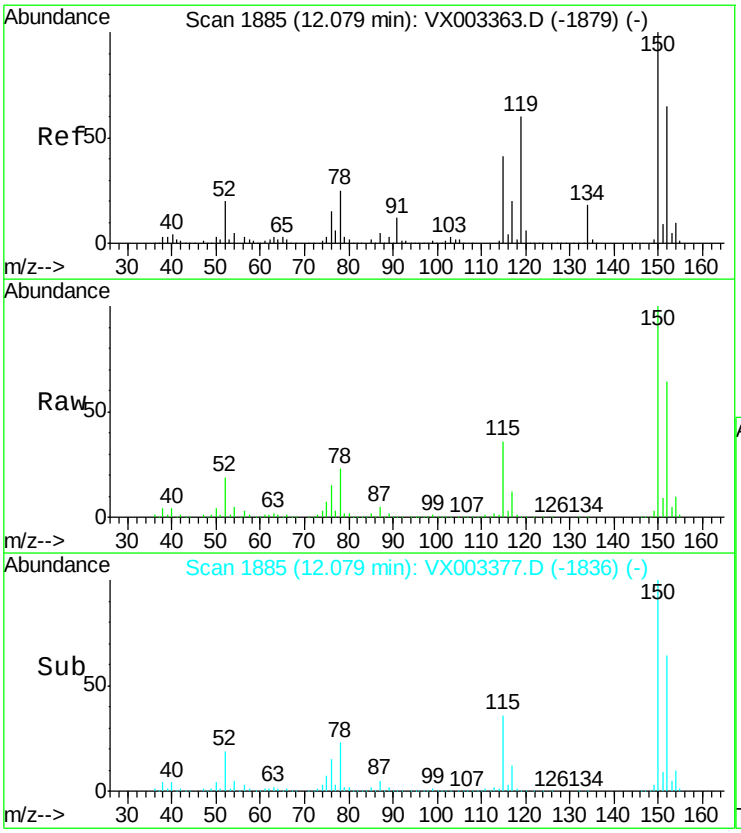
#69
o-Xylene
Concen: 0.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:106 Resp: 1487

Ion	Ratio	Lower	Upper
106	100		
91	212.6	108.2	324.6

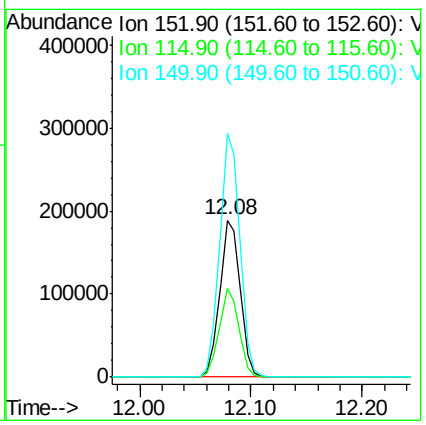


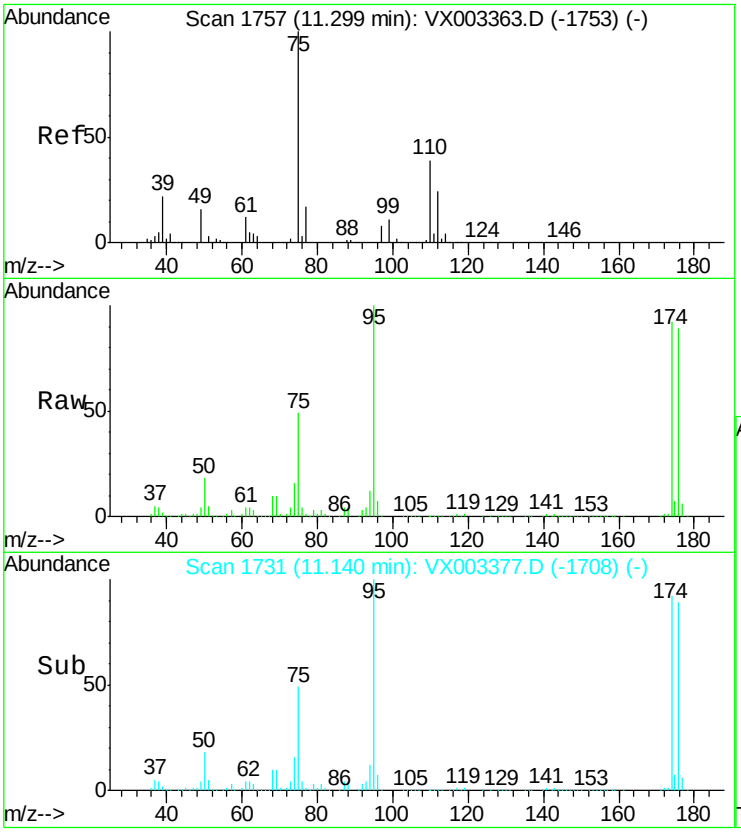


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:152 Resp: 238789

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	154.9	0.0	347.2



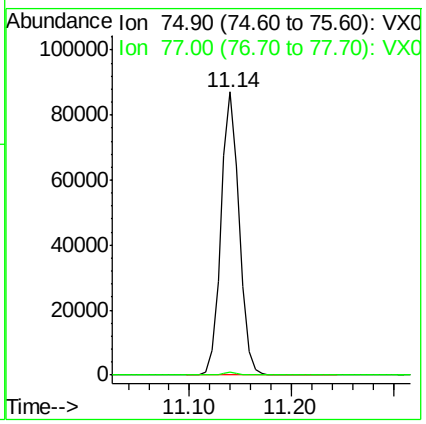


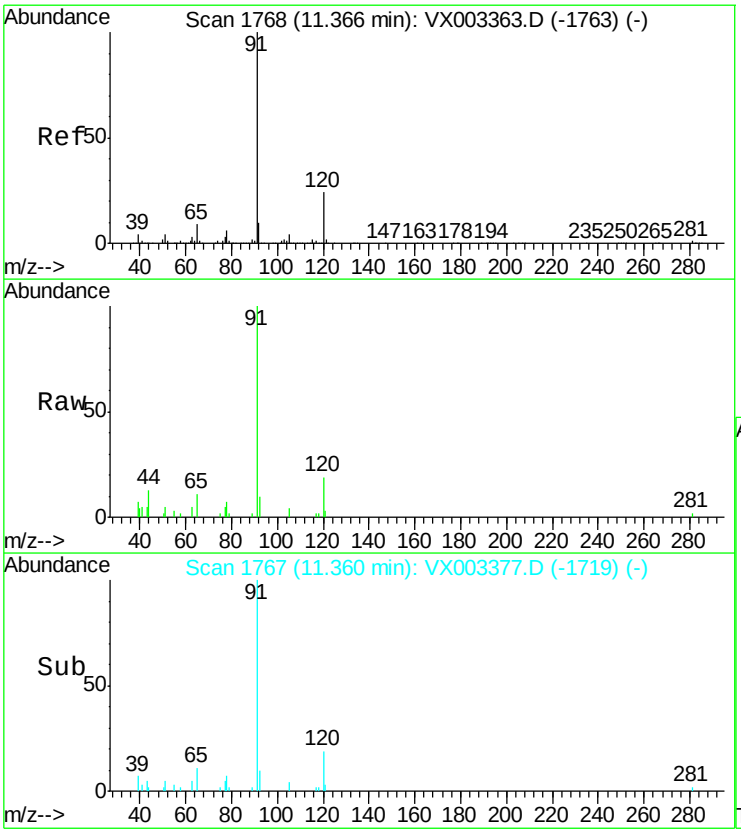
#76
1,2,3-Trichloropropane
Concen: 22.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion: 75 Resp: 107730

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.8	68.3#

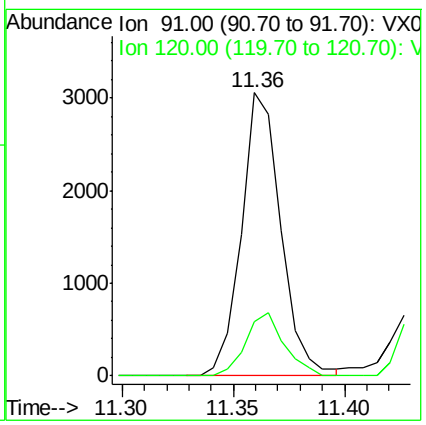


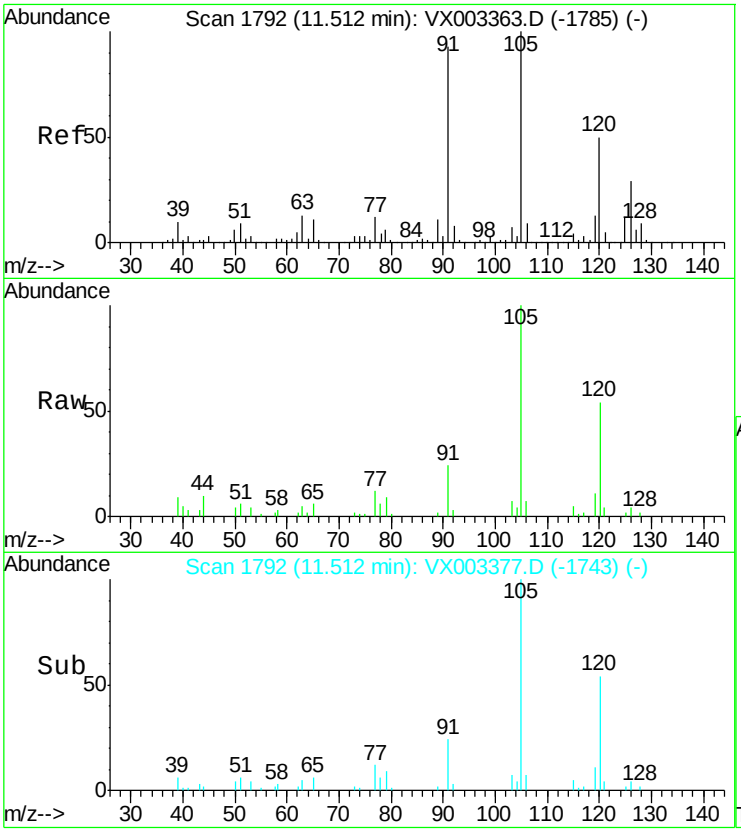


#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 91 Resp: 3783

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.8	35.4



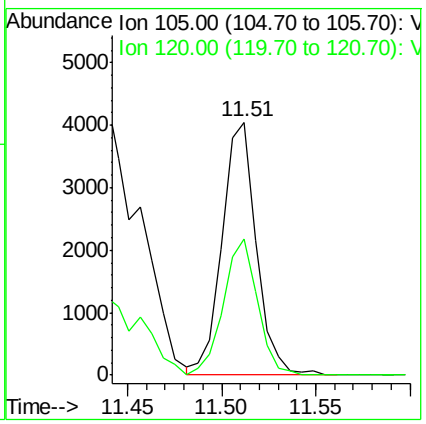


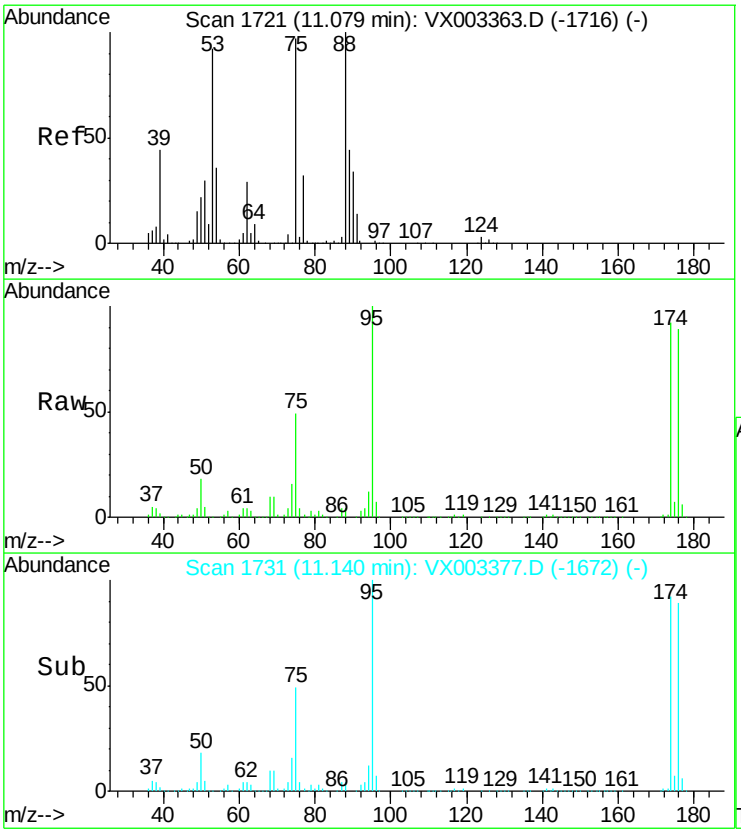
#80
1,3,5-Trimethylbenzene
Concen: 0.37 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:105 Resp: 5117

Ion	Ratio	Lower	Upper
105	100		
120	53.3	24.4	73.4

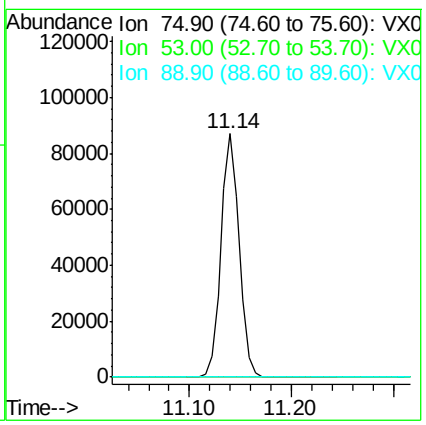


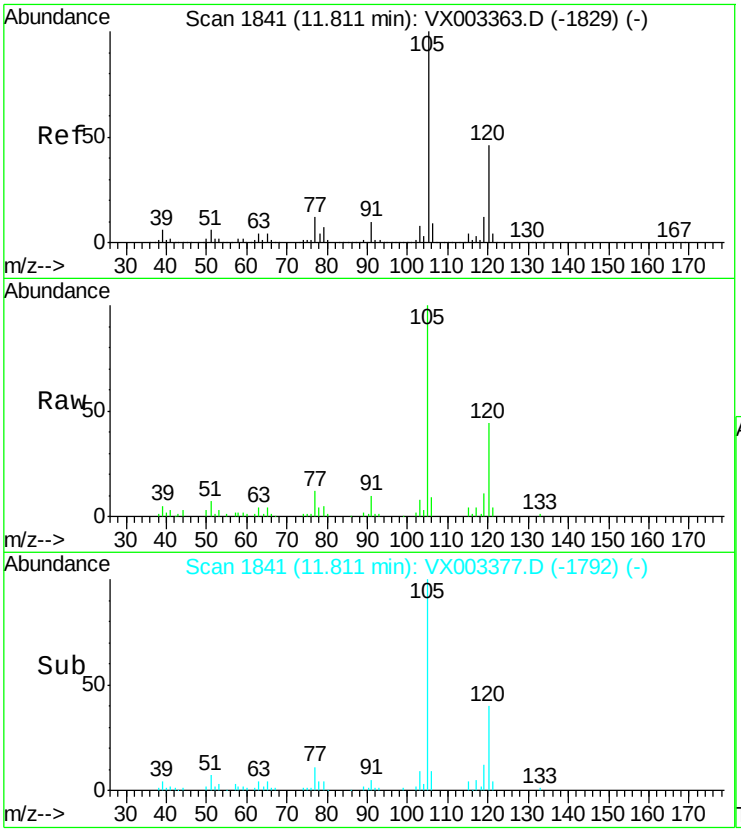


#81
trans-1,4-Dichloro-2-butene
Concen: 76.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 75 Resp: 107730

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



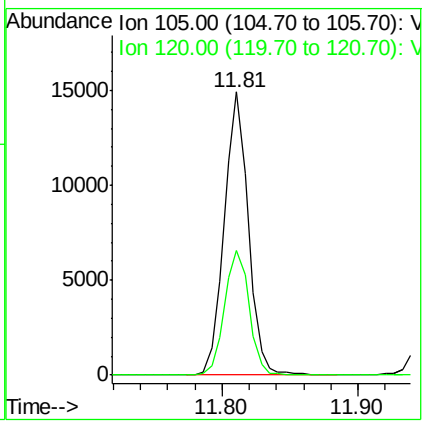


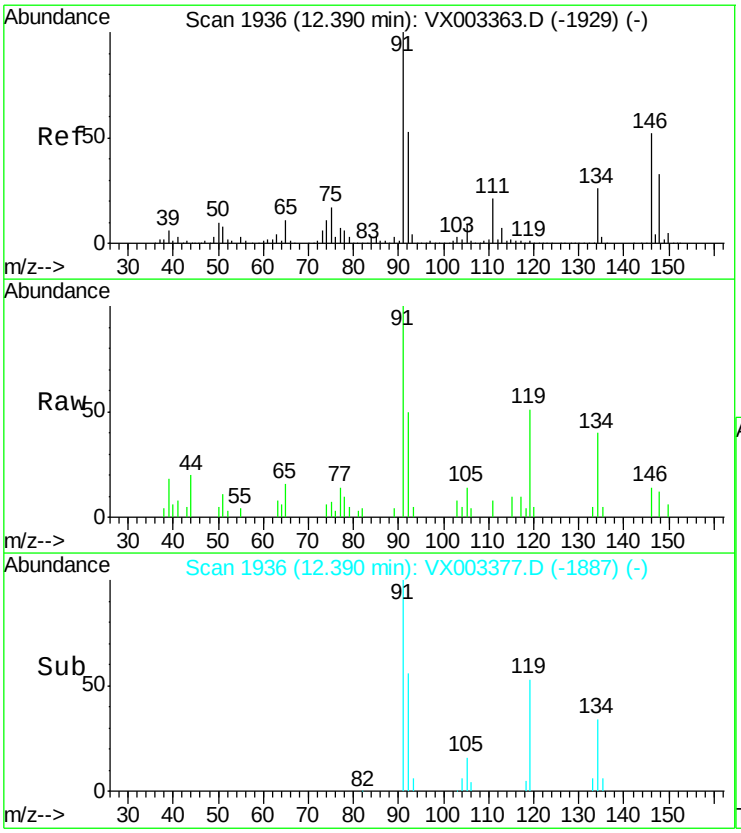
#84
1,2,4-Trimethylbenzene
Concen: 1.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:105 Resp: 18271

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.8

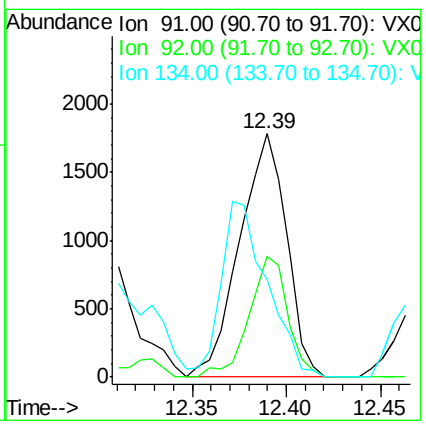


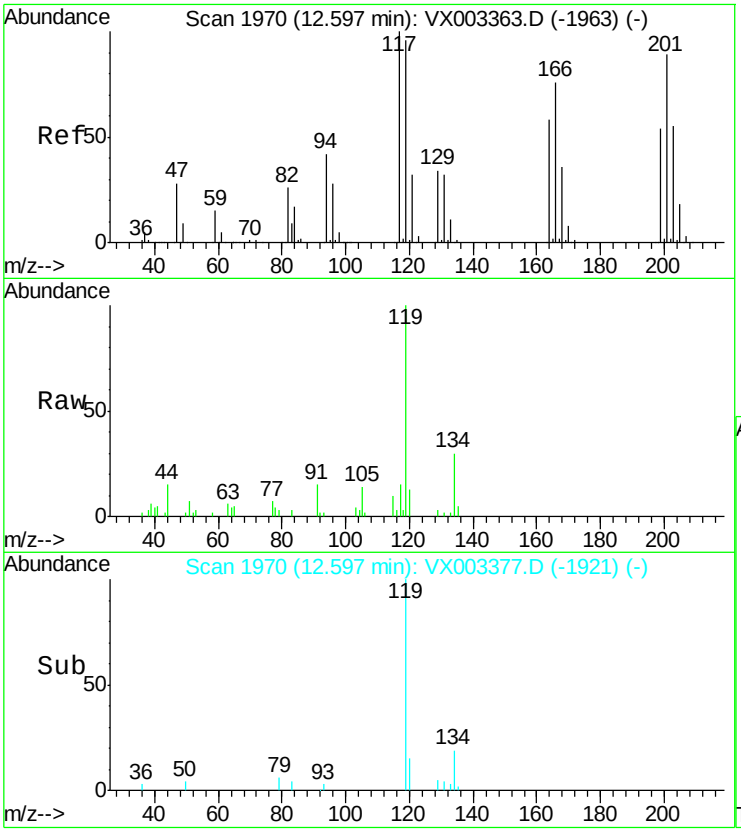


#89
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion: 91 Resp: 3071

Ion	Ratio	Lower	Upper
91	100		
92	41.0	26.0	78.0
134	70.5	13.5	40.5#



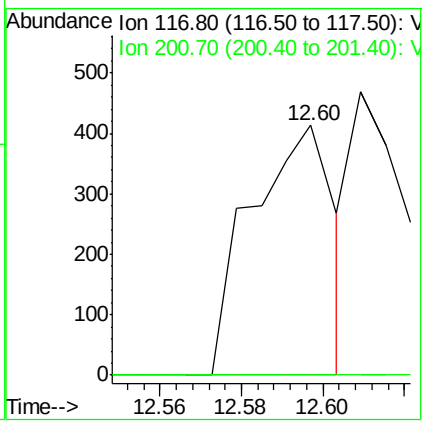


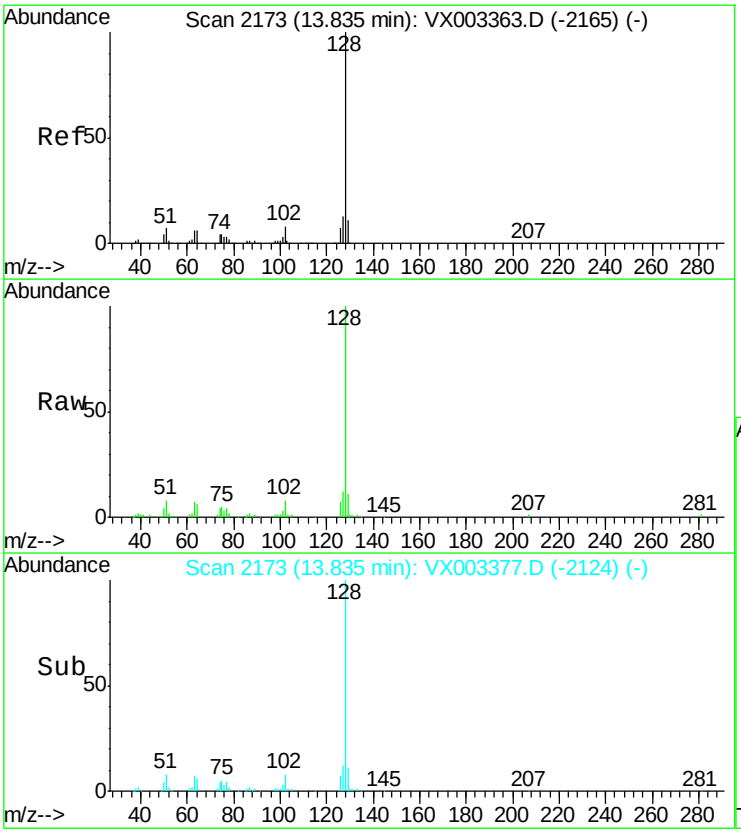
#90
Hexachloroethane
Concen: 0.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Instrument :
MSVOA_X
ClientSampleId :
HR-05-071218-B

Tgt Ion:117 Resp: 582

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#95
Naphthalene
Concen: 1.57 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003377.D
Acq: 13 Jul 2018 22:27

Tgt Ion:128 Resp: 26300

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	12.3	8.6	13.0