Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051319\
Data File : VX009545.D
Acq On : 13 May 2019 15:55
Operator : JC/SP
Sample : K2834-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-VPB202-GW-423-425

Quant Time: May 14 03:45:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123242	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
35) Dibromofluoromethane	5.50	113	91852	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.30%			
50) Toluene-d8	8.71	98	376793	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
62) 4-Bromofluorobenzene	11.13	95	121379	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.64%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	308	0.221	ug/l #	78
10) Methyl Iodide	2.51	142	85	4.631	ug/l #	42
11) Tert butyl alcohol	3.04	59	225	0.375	ug/l #	73
13) Acrolein	2.29	56	238	0.438	ug/l #	50
16) Acetone	2.44	43	5982	4.302	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	15090	2.183	ug/l	97
20) Methylene Chloride	2.85	84	589	0.262	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	510	0.264	ug/l #	76
22) Diisopropyl ether	3.86	45	2842	0.341	ug/l #	81
24) 1,1-Dichloroethane	3.70	63	7378	1.793	ug/l	99
25) 2-Butanone	4.70	43	1226	0.567	ug/l #	87
27) cis-1,2-Dichloroethene	4.59	96	32514	14.112	ug/l	87
28) Bromochloromethane	4.99	49	22	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	466	0.335	ug/l #	72
30) Chloroform	5.21	83	2950	0.793	ug/l	98
31) Cyclohexane	5.66	56	4403	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14445	5.176	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17719	6.988	ug/l #	15
42) 1,2-Dichloroethane	6.20	62	1963	0.634	ug/l	89
44) Trichloroethene	7.21	130	15798	7.566	ug/l	99
49) 1,4-Dioxane	7.74	88	43	0.687	ug/l #	1
60) Dibromochloromethane	9.34	129	15810	7.557	ug/l #	11
64) Tetrachloroethene	9.34	164	16743	9.322	ug/l	96
74) N-amyl acetate	10.91	43	1342	0.293	ug/l #	22
76) 1,2,3-Trichloropropane	11.13	75	62116	24.816	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	62116	63.494	ug/l #	10

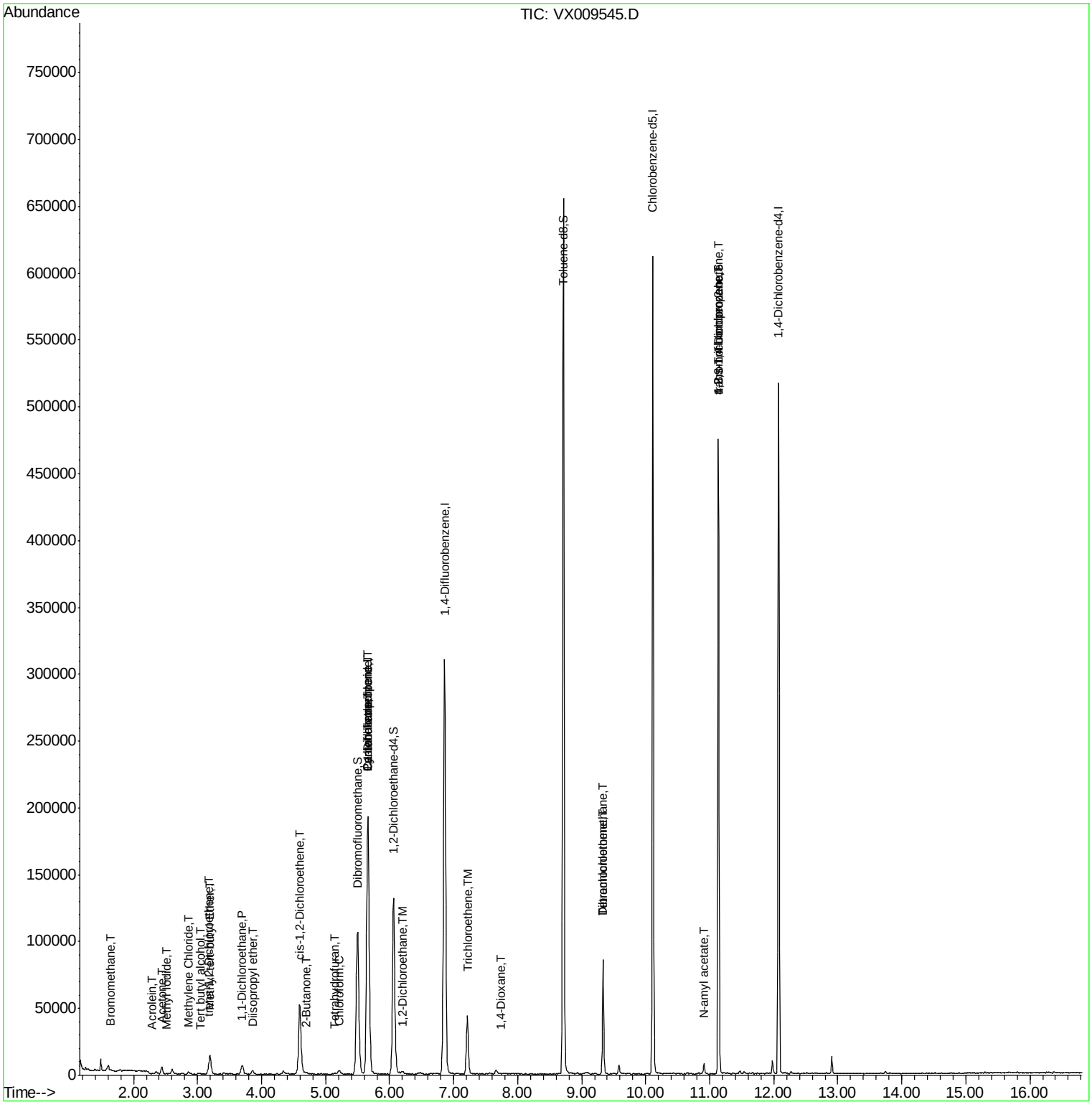
(#) = qualifier out of range (m) = manual integration (+) = signals summed

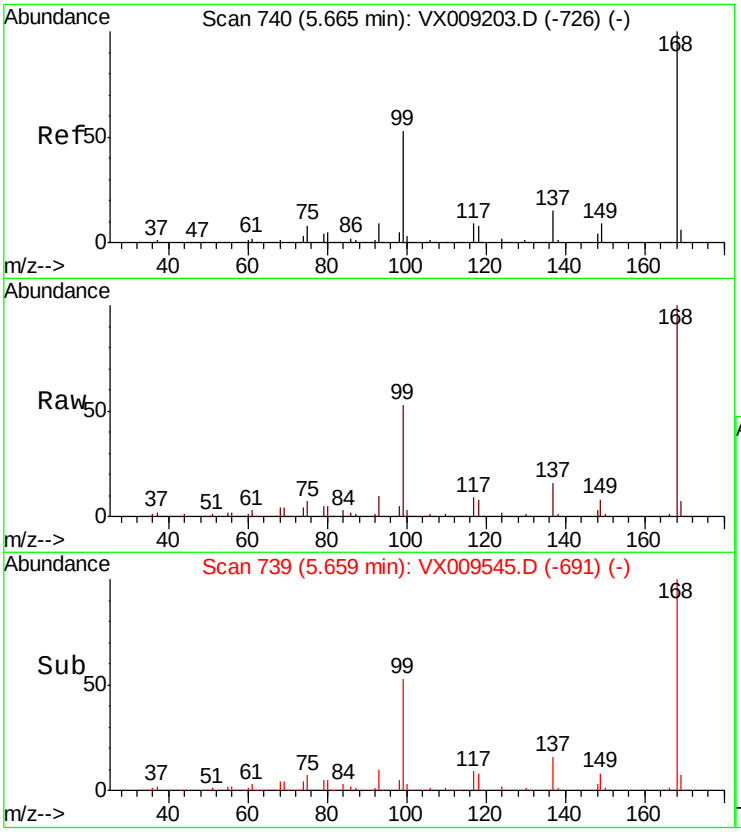
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051319\
Data File : VX009545.D
Acq On : 13 May 2019 15:55
Operator : JC/SP
Sample : K2834-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Quant Time: May 14 03:45:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



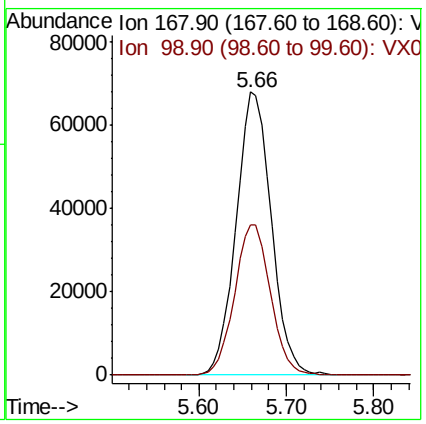


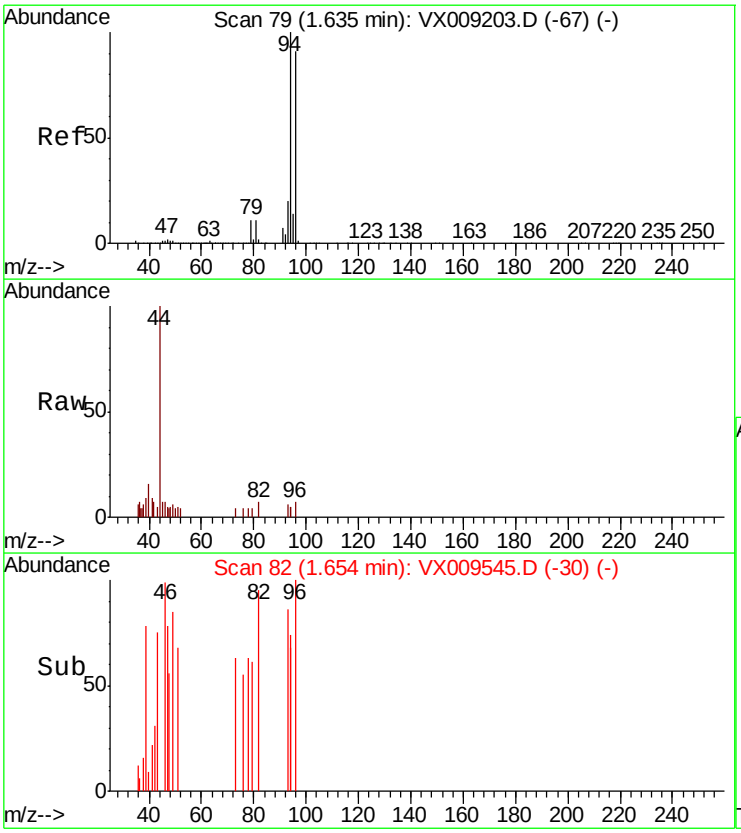
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion:168 Resp: 189688

Ion	Ratio	Lower	Upper
168	100		
99	53.2	42.3	63.5

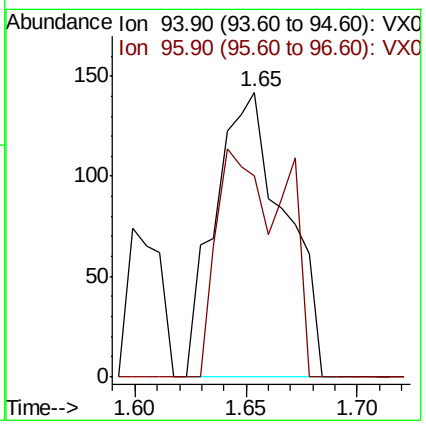


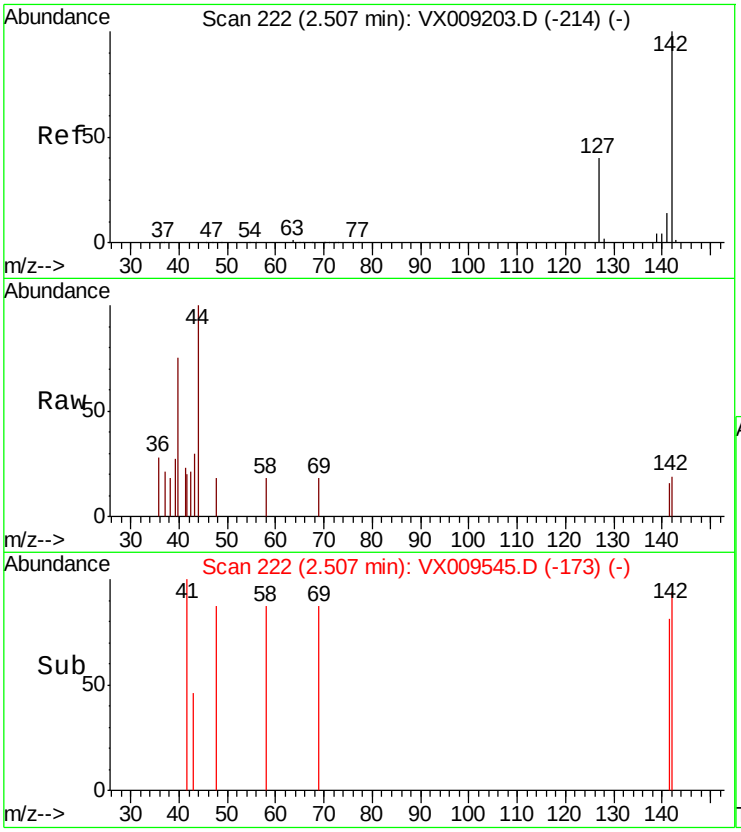


#5
Bromomethane
Concen: 0.221 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 94 Resp: 308

Ion	Ratio	Lower	Upper
94	100		
96	70.4	73.0	109.6#



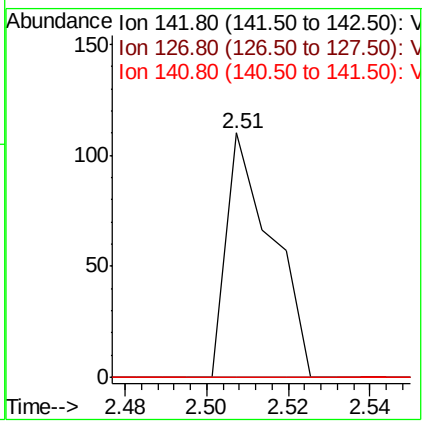


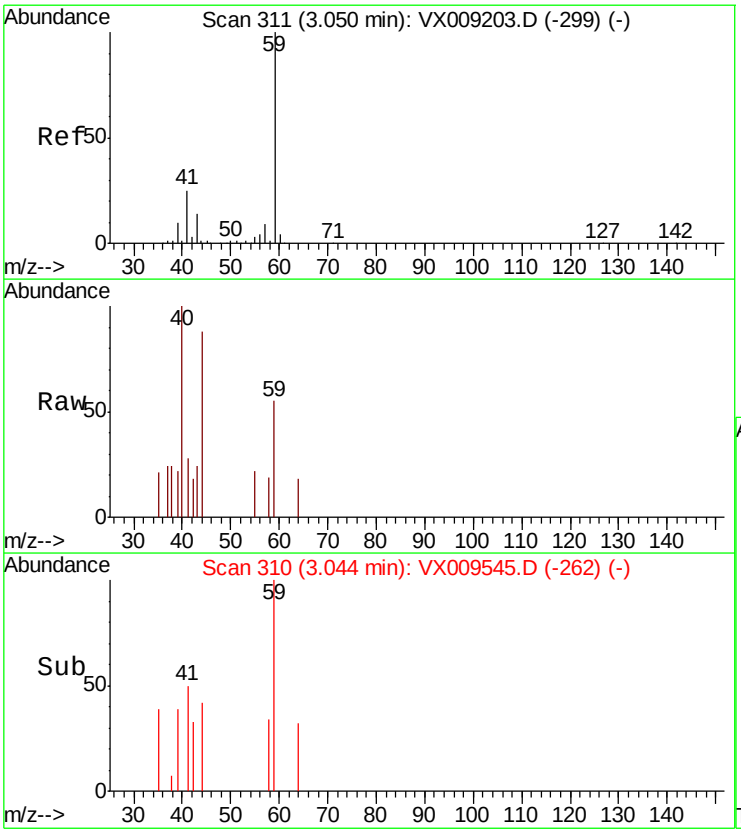
#10
Methyl Iodide
Concen: 4.631 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion:142 Resp: 85

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

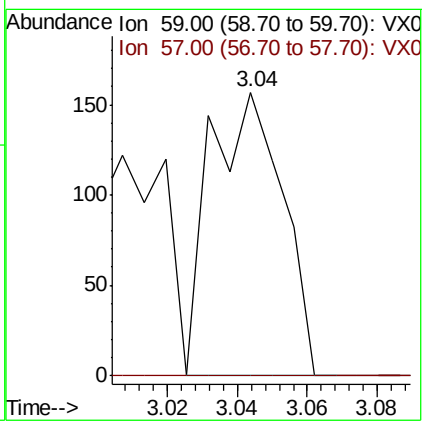


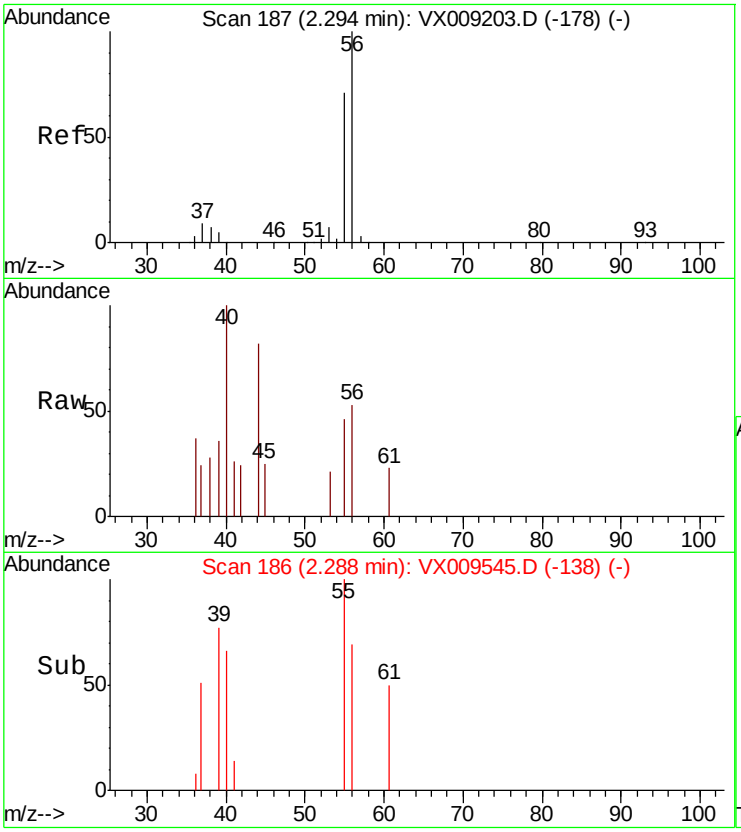


#11
Tert butyl alcohol
Concen: 0.375 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 59 Resp: 225

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



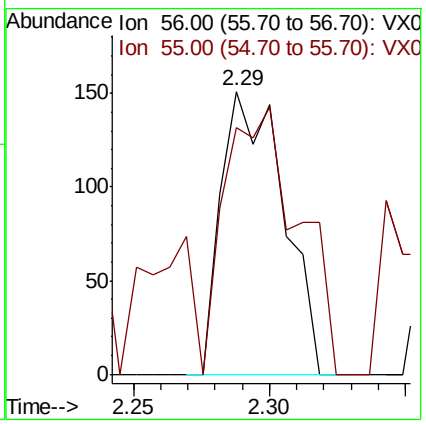


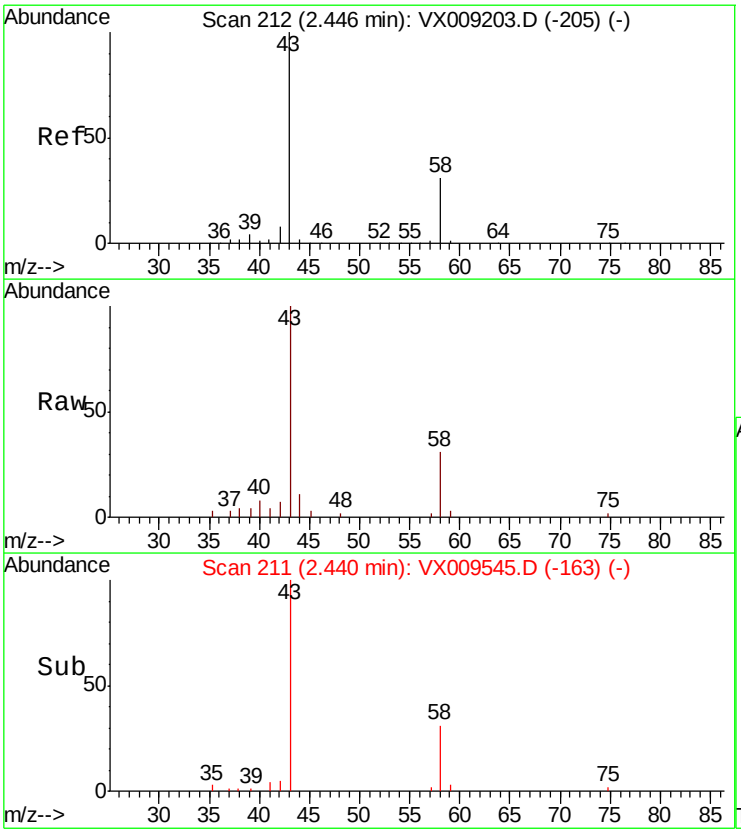
#13
Acrolein
Concen: 0.438 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 56 Resp: 238

Ion	Ratio	Lower	Upper
56	100		
55	112.2	56.6	85.0#

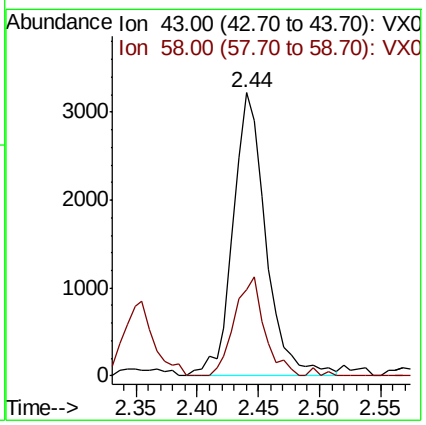


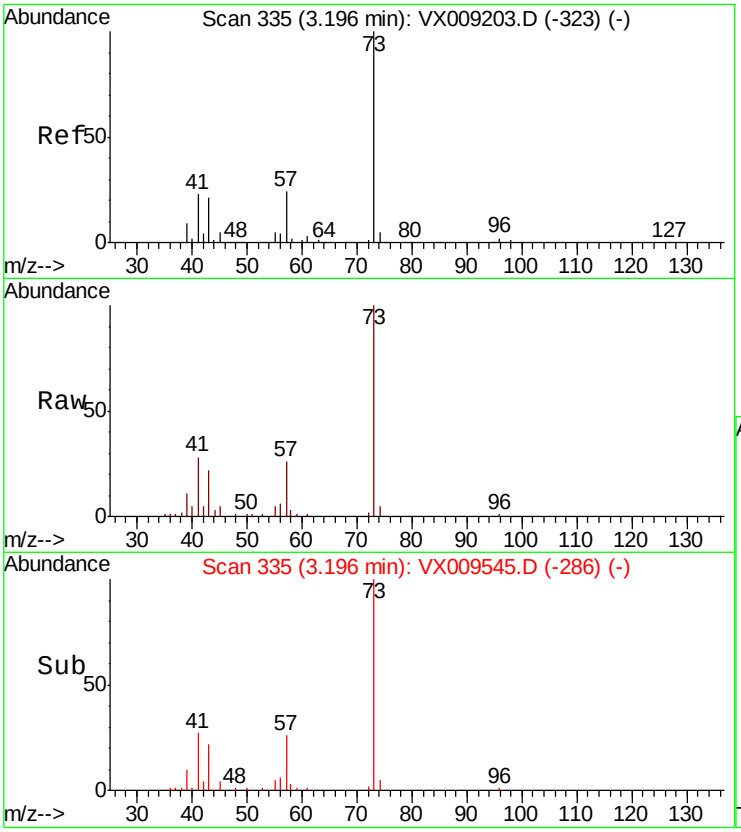


#16
Acetone
Concen: 4.302 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 5982

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.9	37.3



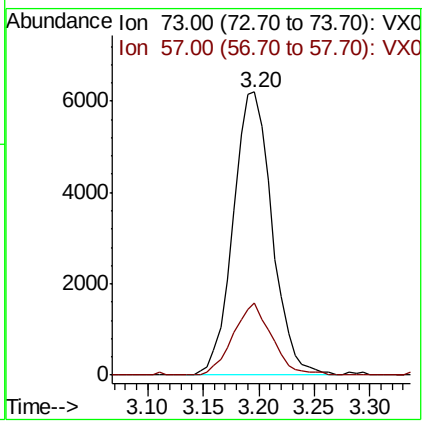


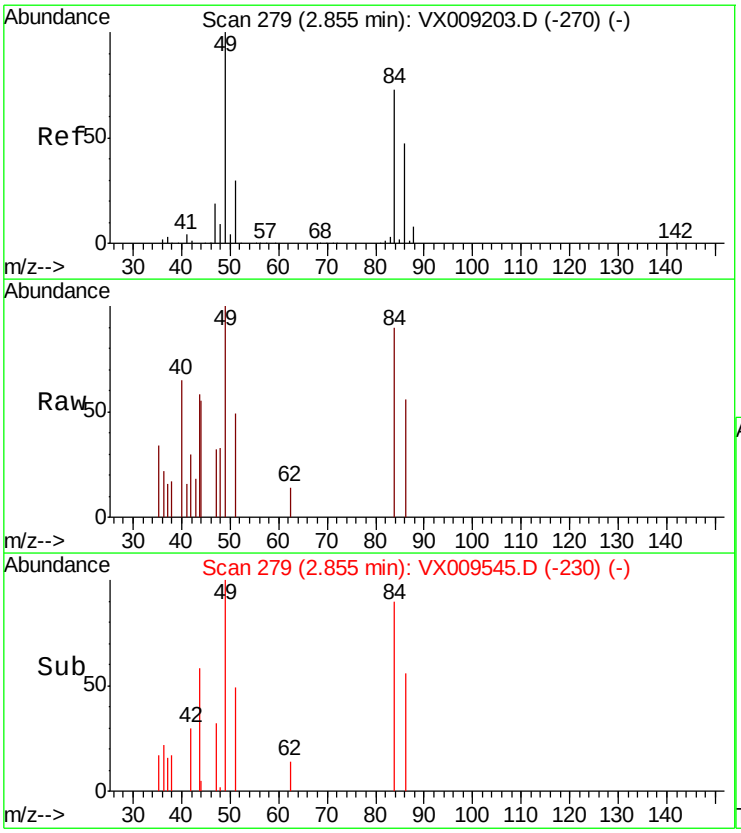
#19
Methyl tert-butyl Ether
Concen: 2.183 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 73 Resp: 15090

Ion	Ratio	Lower	Upper
73	100		
57	25.7	19.3	28.9

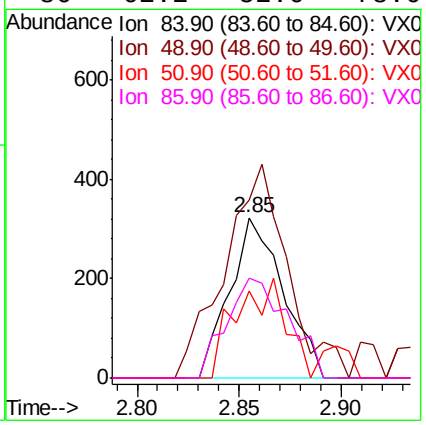


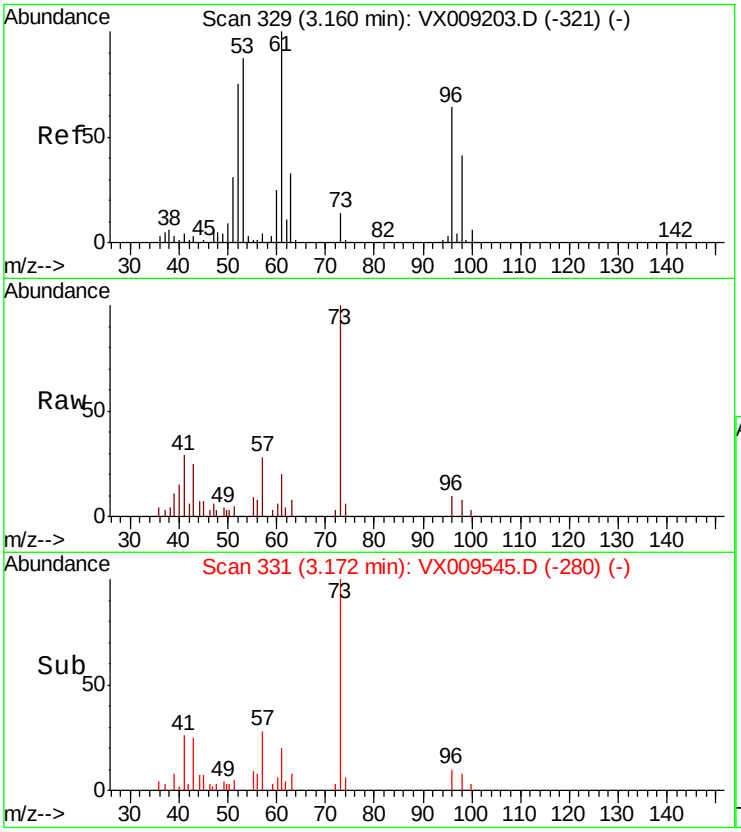


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 84 Resp: 589

Ion	Ratio	Lower	Upper
84	100		
49	93.8	109.9	164.9#
51	54.5	32.7	49.1#
86	62.2	52.0	78.0



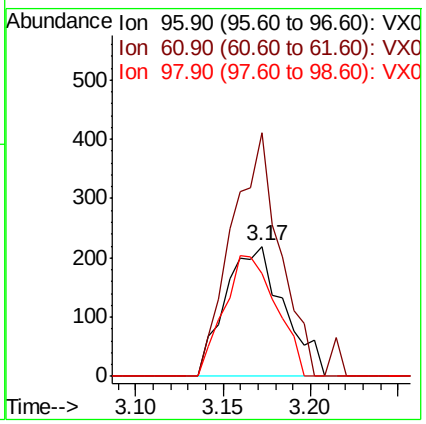


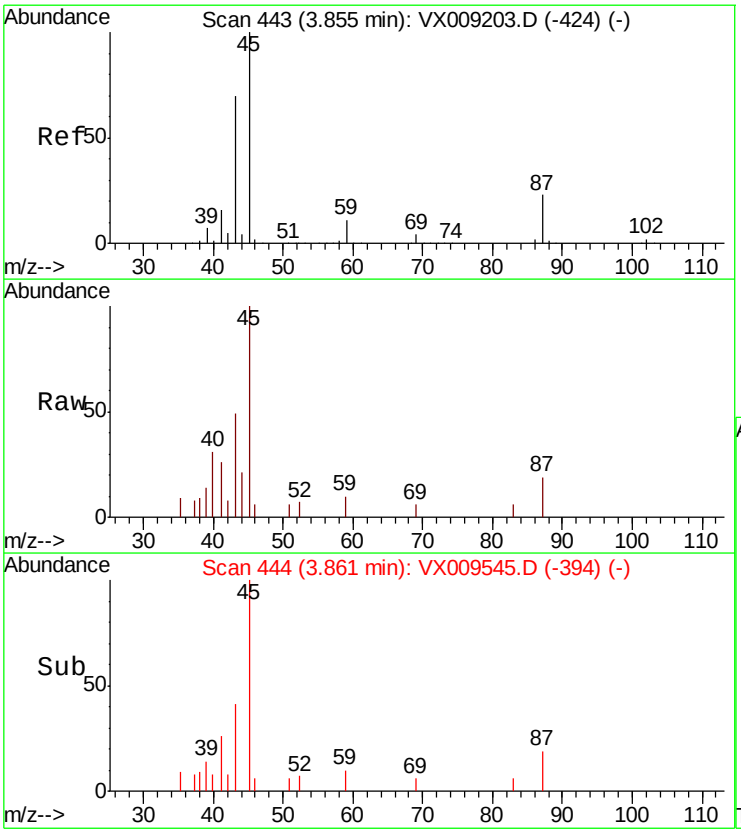
#21
trans-1,2-Dichloroethene
Concen: 0.264 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 96 Resp: 510

Ion	Ratio	Lower	Upper
96	100		
61	187.7	124.5	186.7#
98	79.5	50.4	75.6#

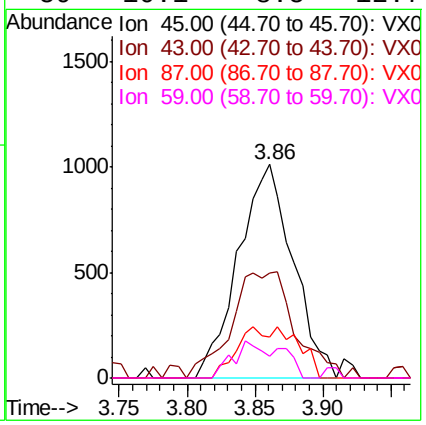


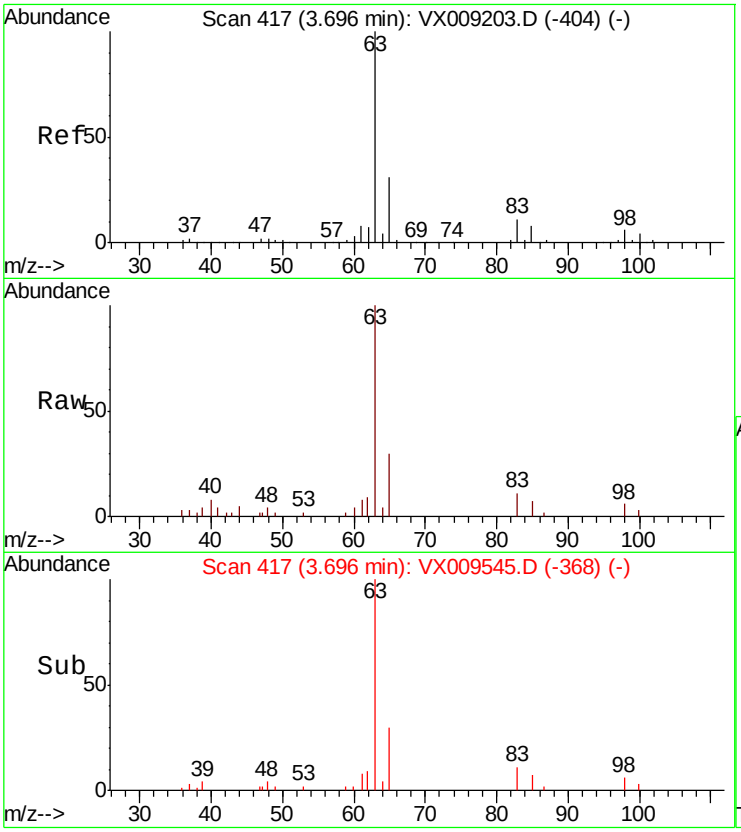


#22
Diisopropyl ether
Concen: 0.341 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 45 Resp: 2842

Ion	Ratio	Lower	Upper
45	100		
43	49.1	56.1	84.1#
87	19.3	18.1	27.1
59	10.1	8.5	12.7



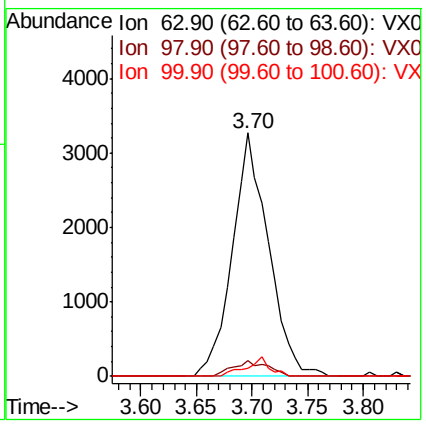


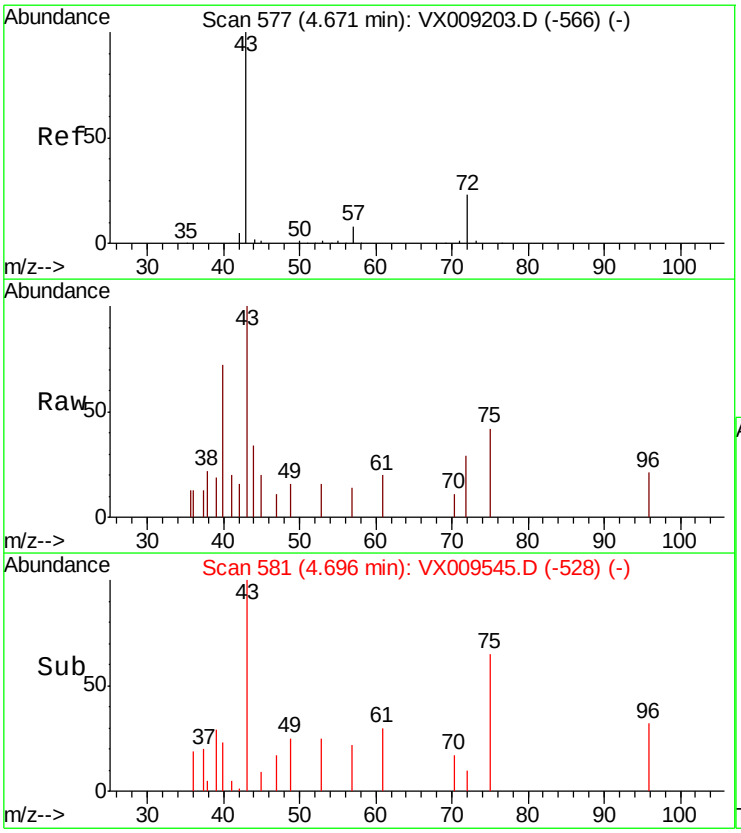
#24
1,1-Dichloroethane
Concen: 1.793 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 63 Resp: 7378

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	3.2	2.0	6.0

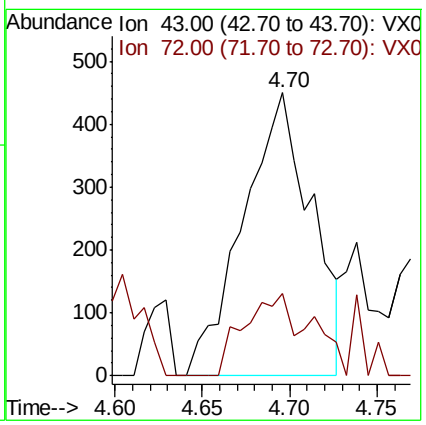


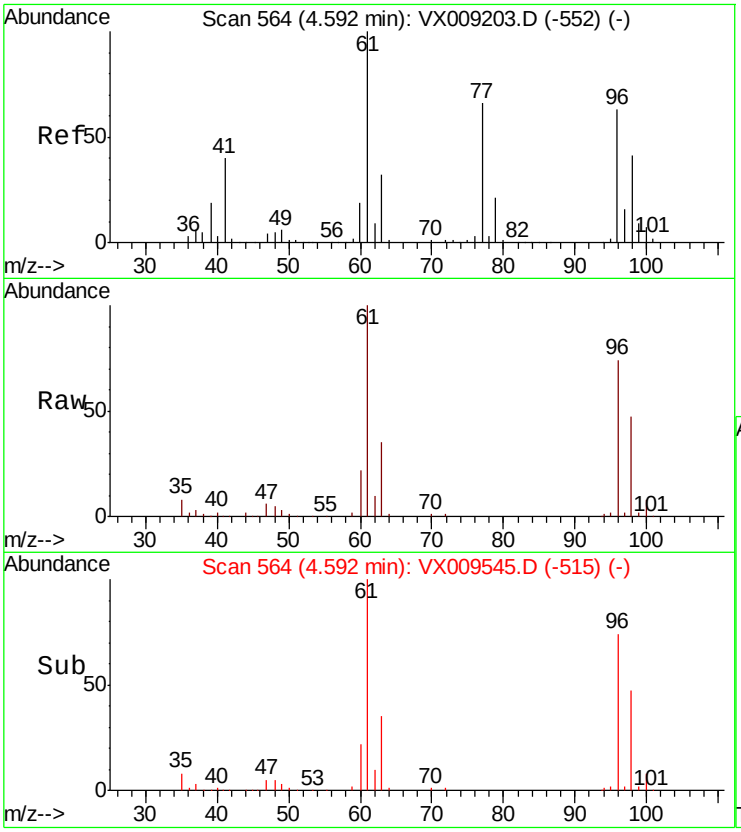


#25
2-Butanone
Concen: 0.567 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 1226

Ion	Ratio	Lower	Upper
43	100		
72	29.1	18.2	27.2#



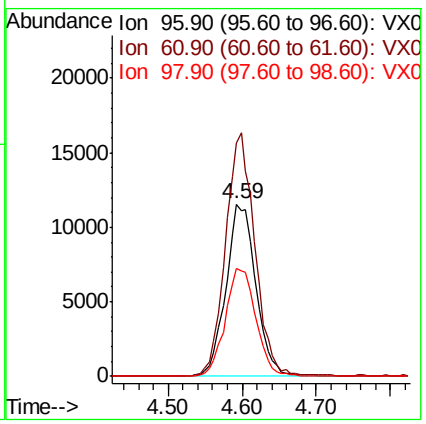


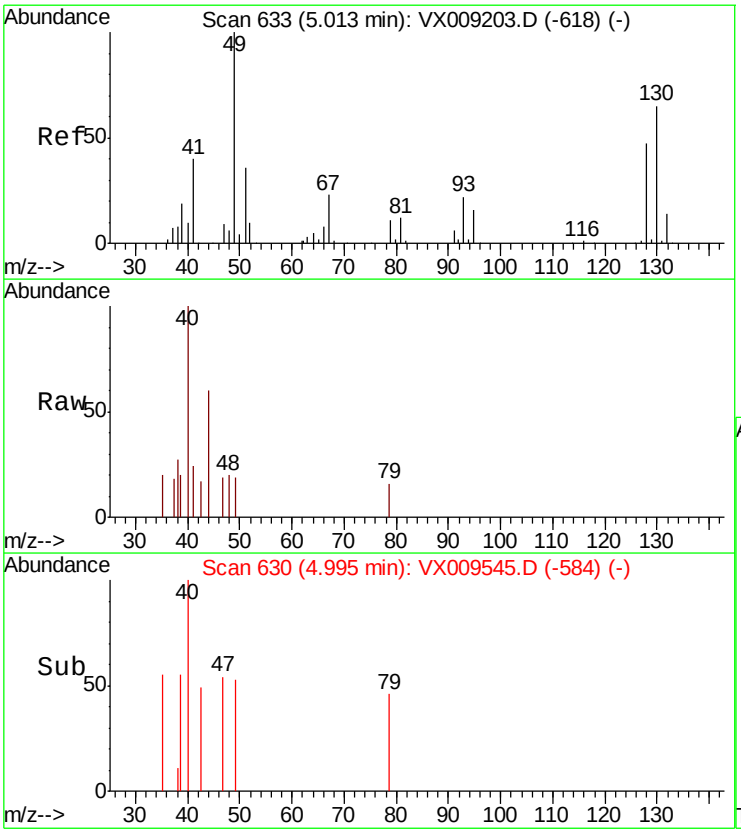
#27
cis-1,2-Dichloroethene
Concen: 14.112 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 96 Resp: 32514

Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	324.0
98	64.0	0.0	130.4

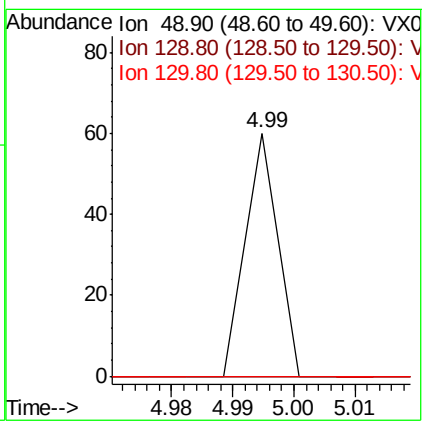


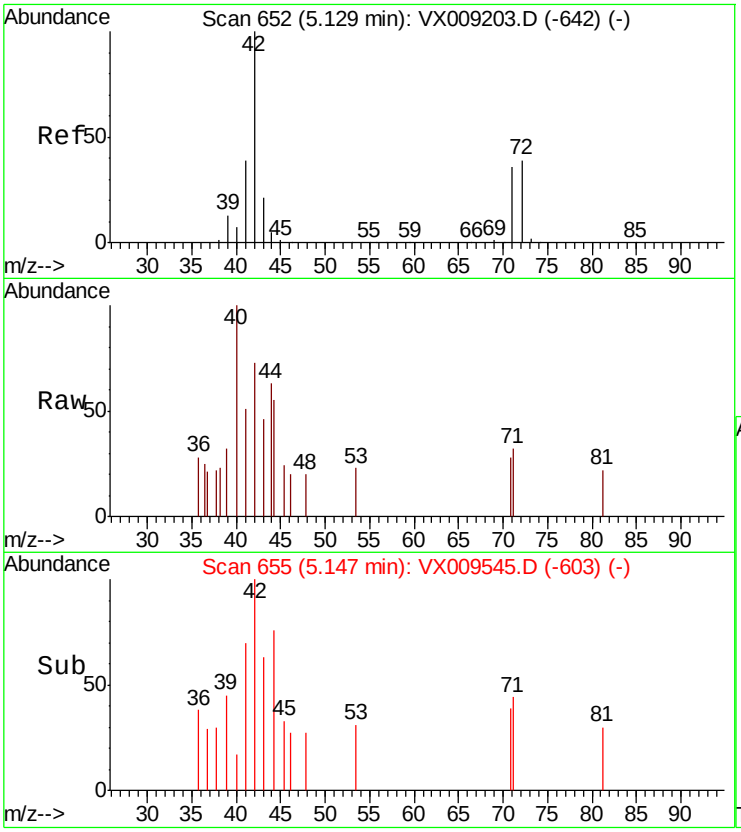


#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 630
Delta R.T. -0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 49 Resp: 22

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#



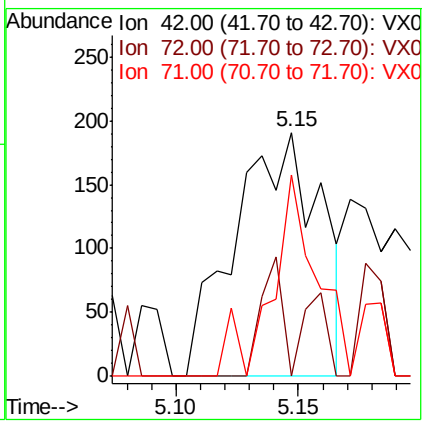


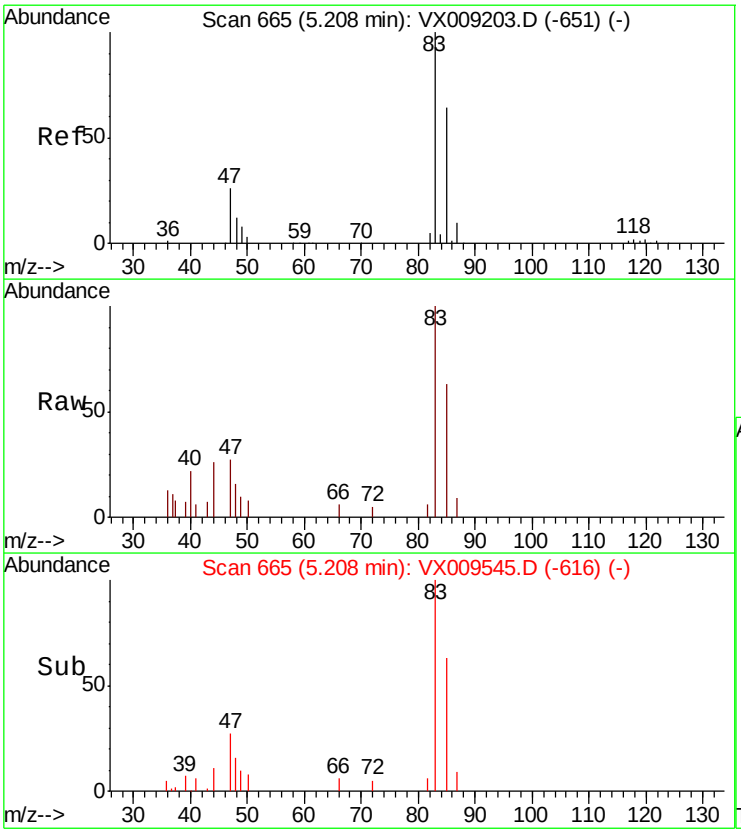
#29
Tetrahydrofuran
Concen: 0.335 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 42 Resp: 466

Ion	Ratio	Lower	Upper
42	100		
72	12.2	30.4	45.6#
71	43.6	28.6	43.0#

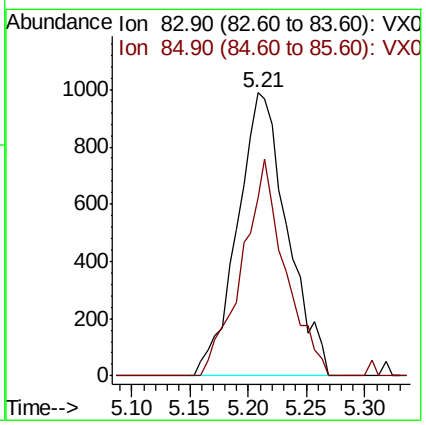


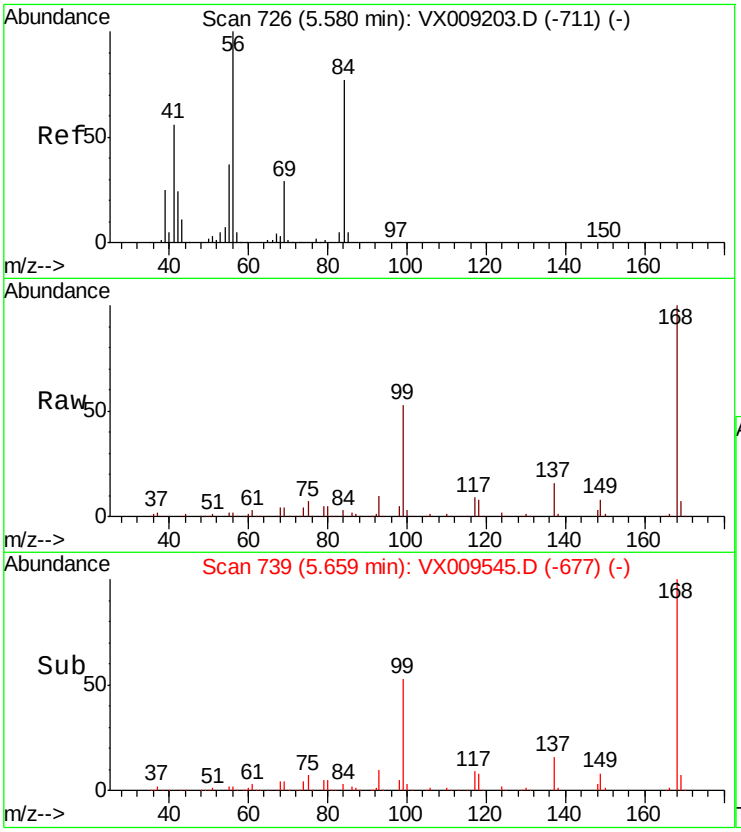


#30
Chloroform
Concen: 0.793 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 83 Resp: 2950

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3



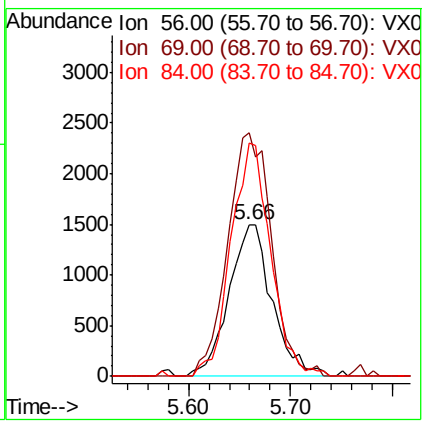


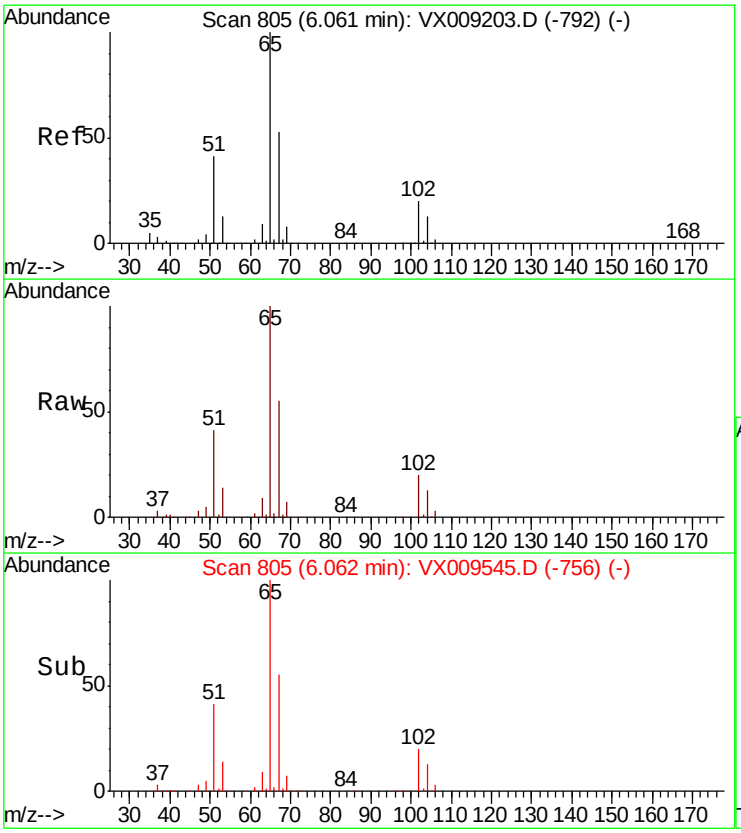
#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 56 Resp: 4403

Ion	Ratio	Lower	Upper
56	100		
69	160.7	23.4	35.0#
84	153.9	61.9	92.9#

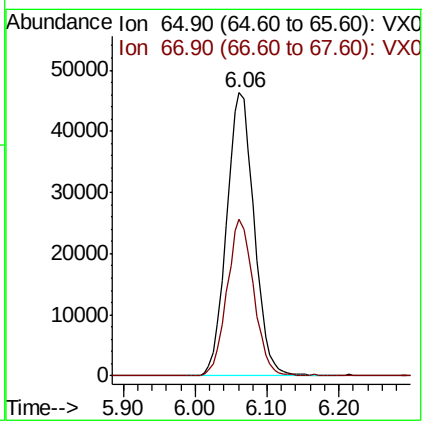


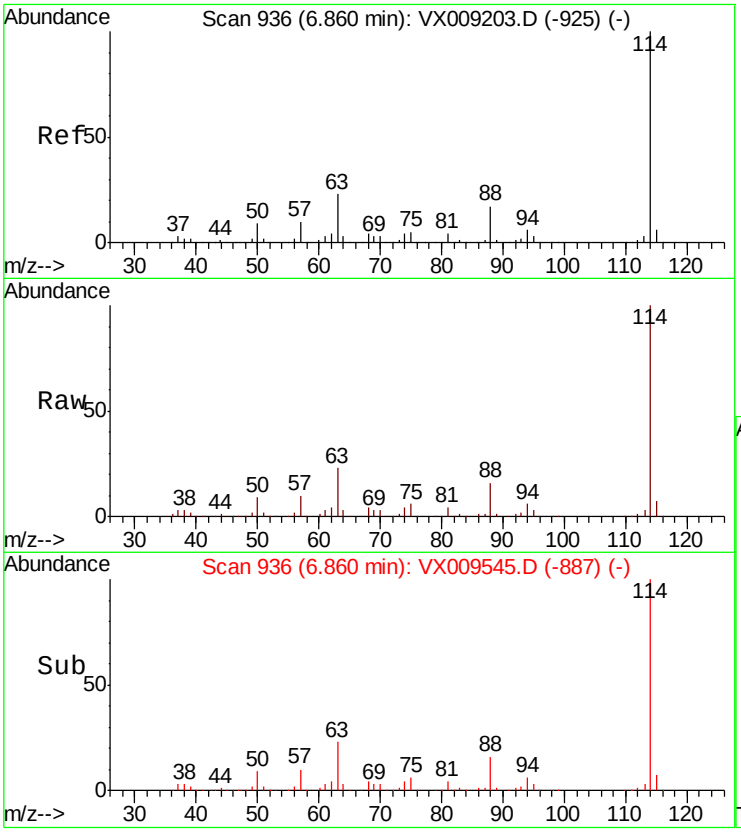


#33
1,2-Dichloroethane-d4
Concen: 47.594 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 65 Resp: 123242

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.6



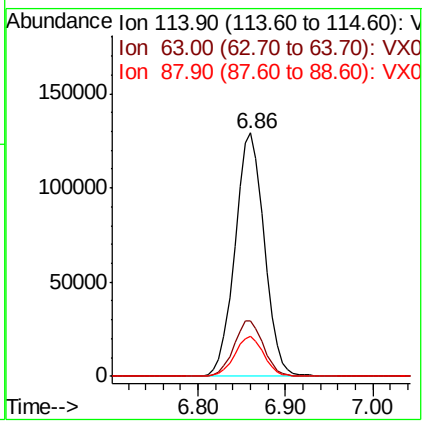


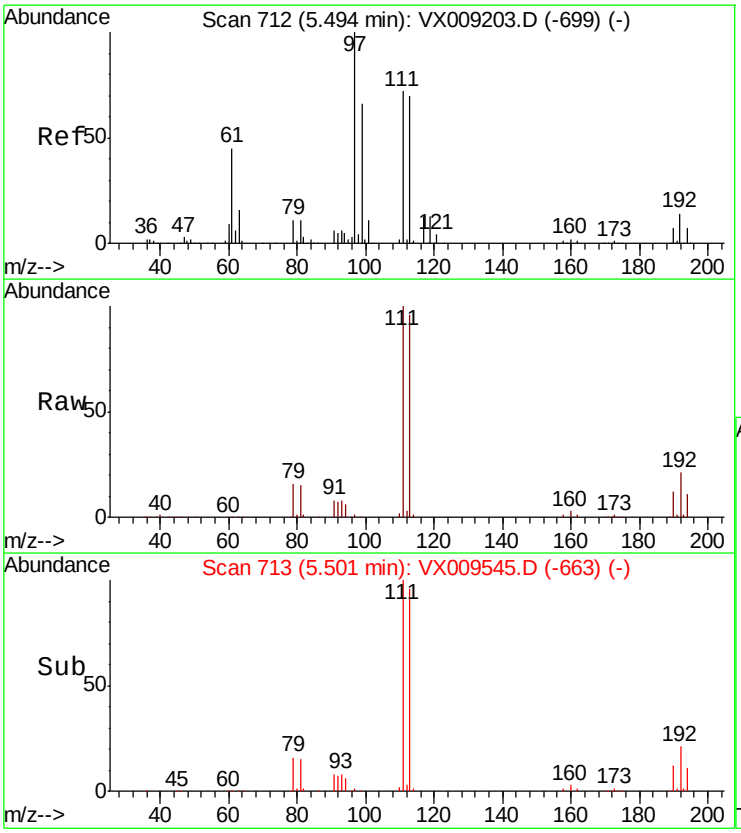
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion:114 Resp: 300328

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.5	0.0	33.2

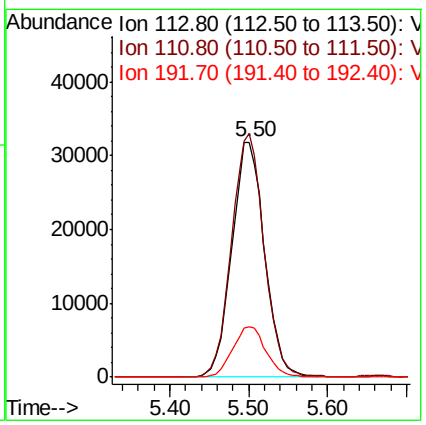


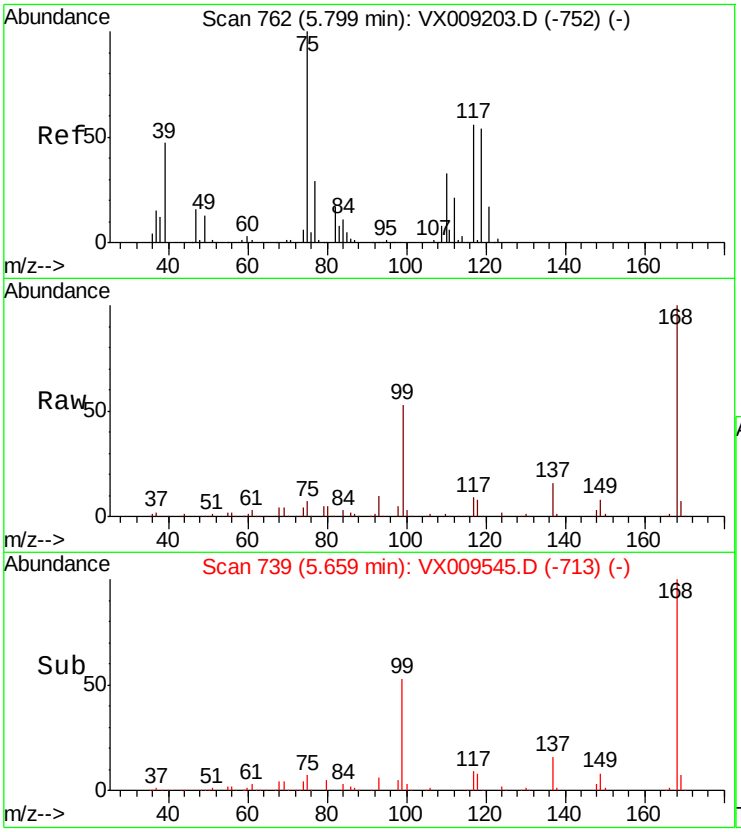


#35
Dibromofluoromethane
Concen: 48.651 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:113 Resp: 91852

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	21.6	17.0	25.6



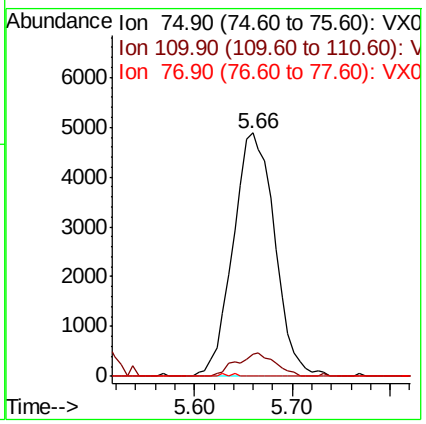


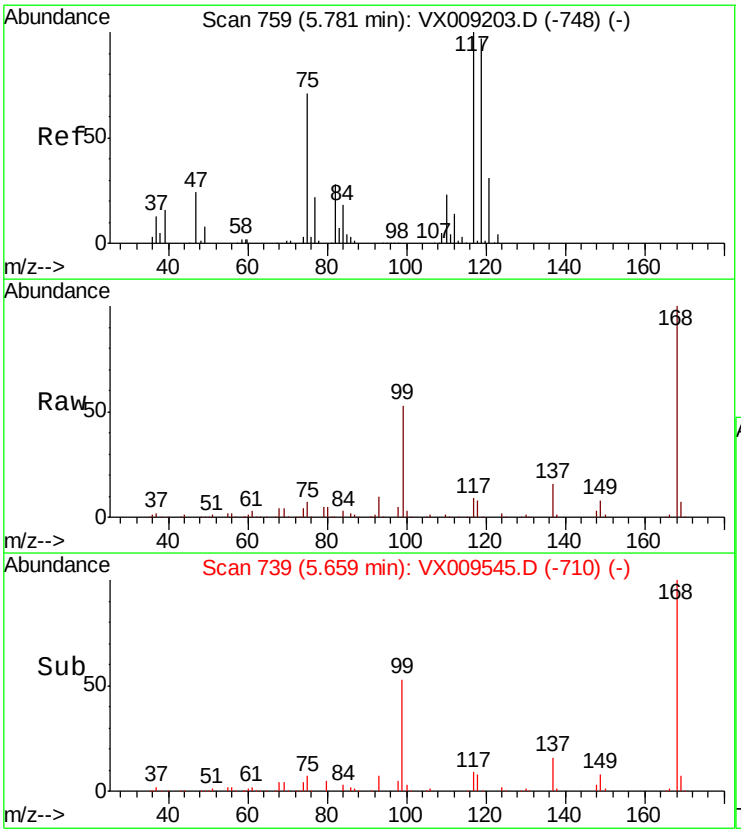
#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 75 Resp: 14445

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.9	50.6#
77	0.0	24.8	37.2#

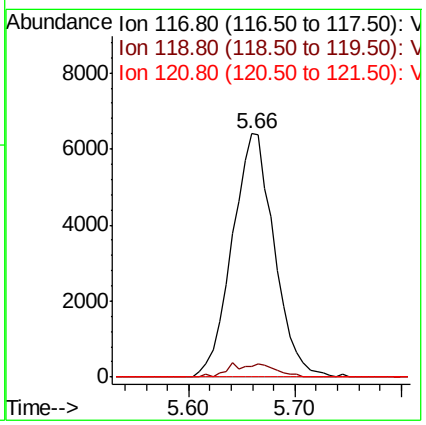


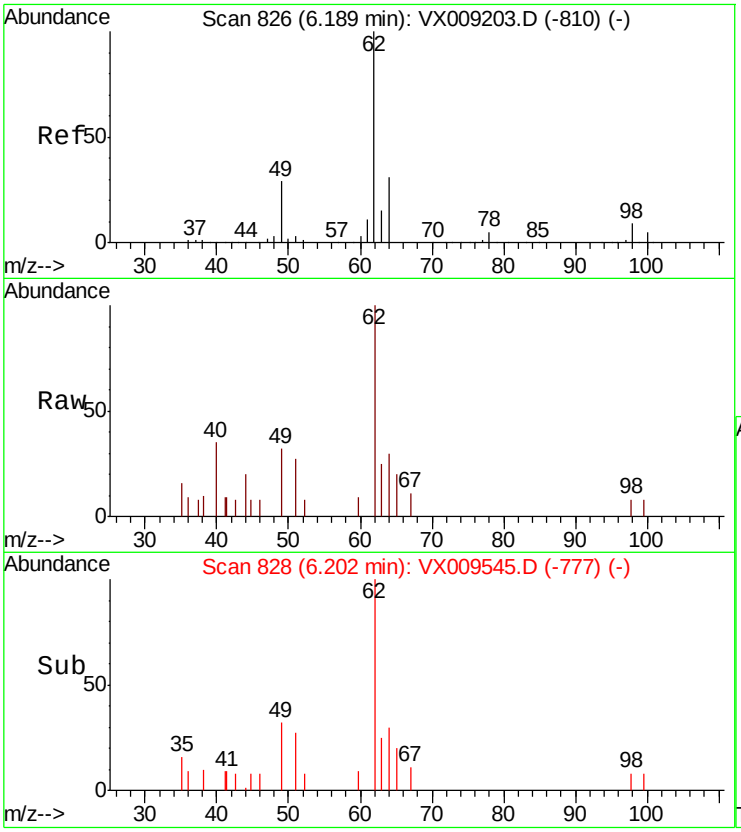


#38
Carbon Tetrachloride
Concen: 6.988 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:117 Resp: 17719

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.5	116.3#
121	0.0	24.7	37.1#



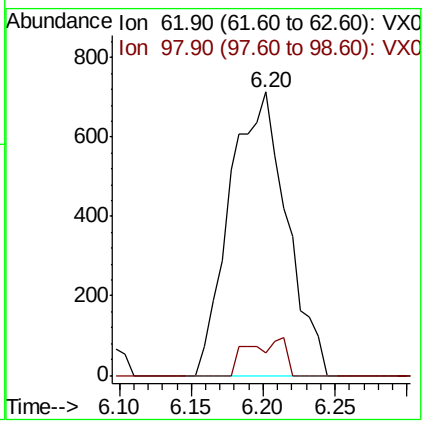


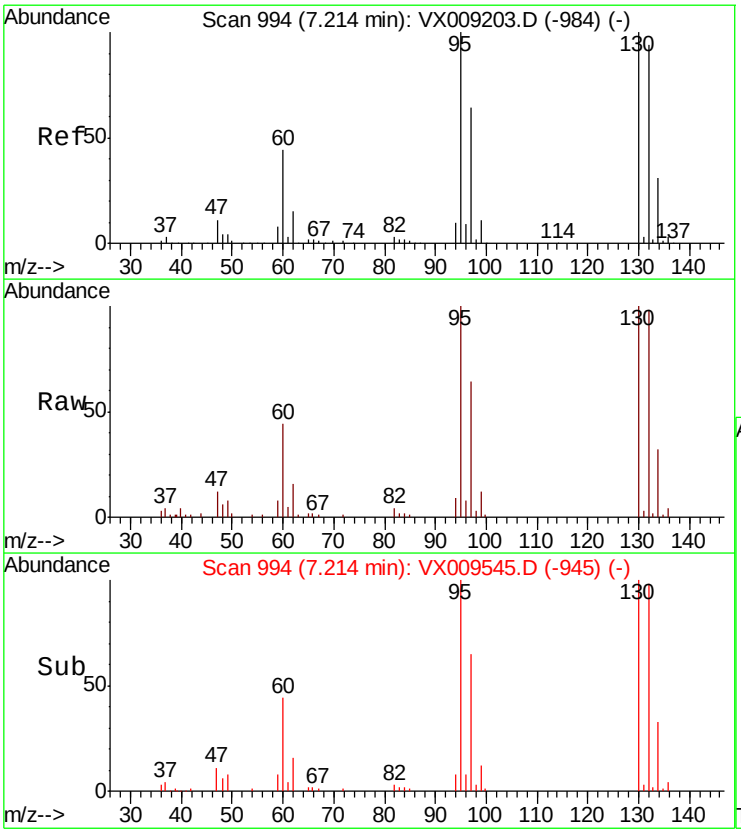
#42
1,2-Dichloroethane
Concen: 0.634 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 62 Resp: 1963

Ion	Ratio	Lower	Upper
62	100		
98	5.0	0.0	18.2

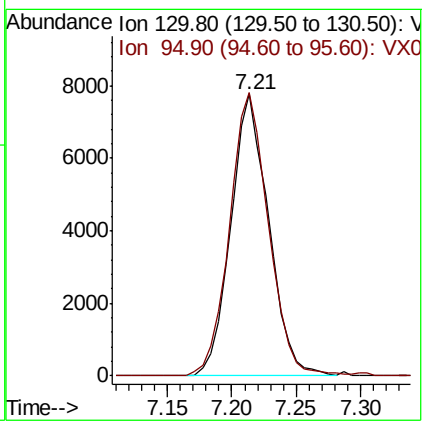


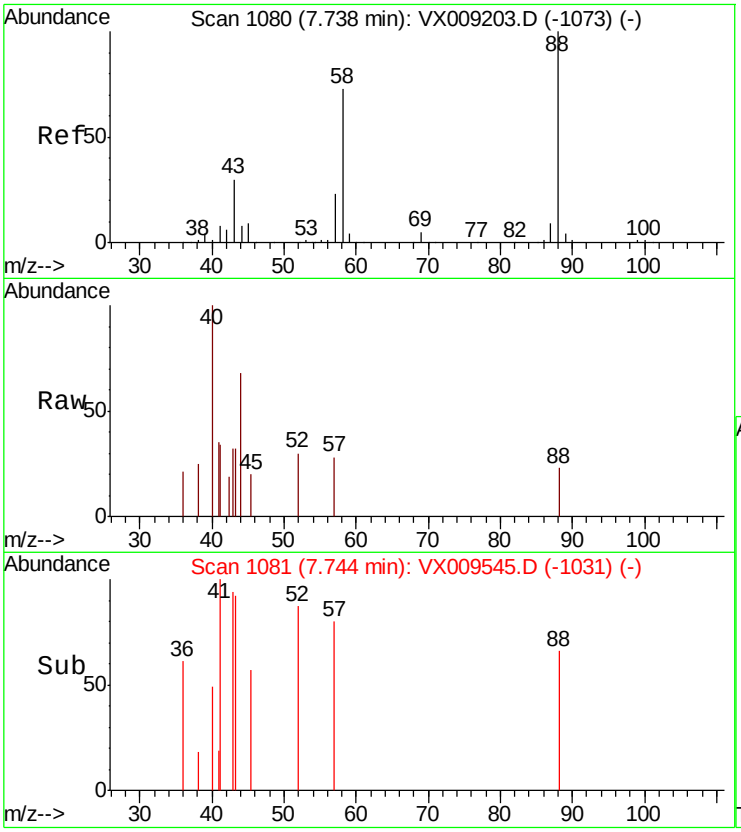


#44
Trichloroethene
Concen: 7.566 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:130 Resp: 15798

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	199.2



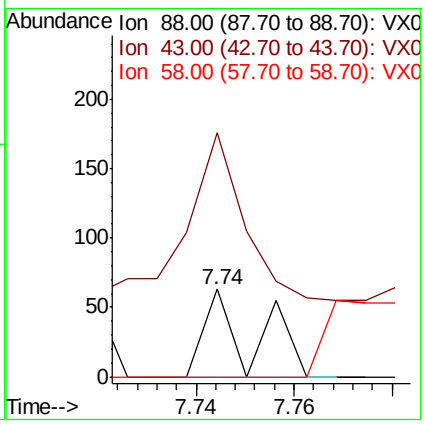


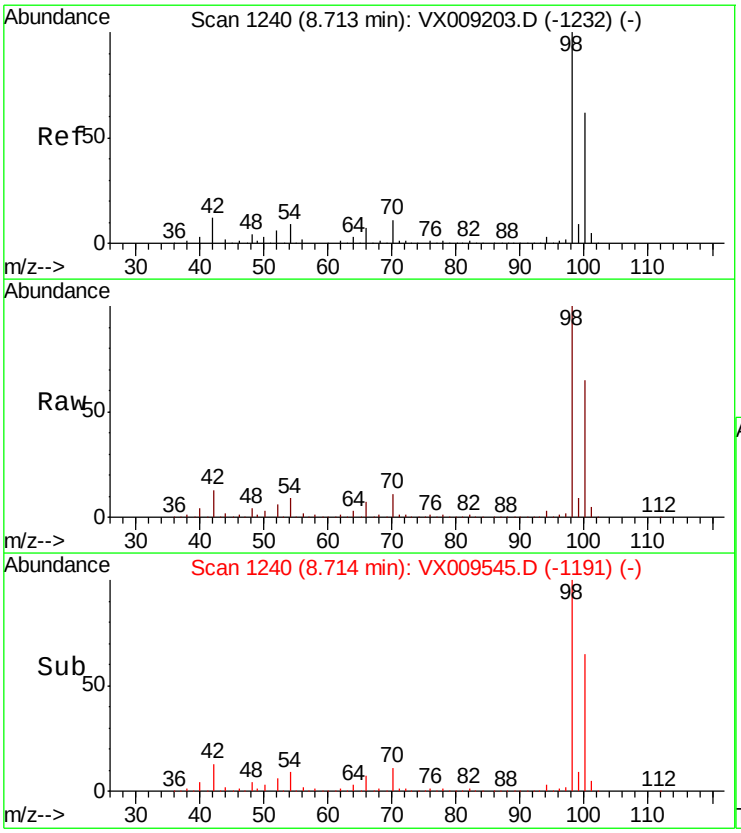
#49
1,4-Dioxane
Concen: 0.687 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	290.7	28.6	42.8#
58	0.0	61.7	92.5#

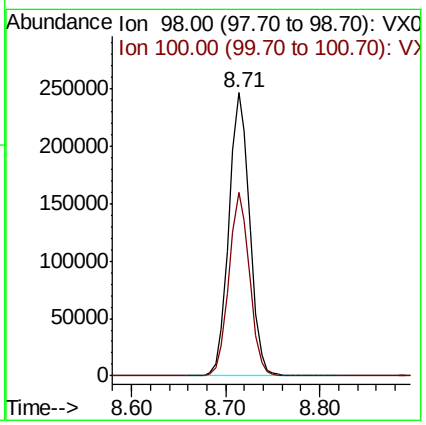


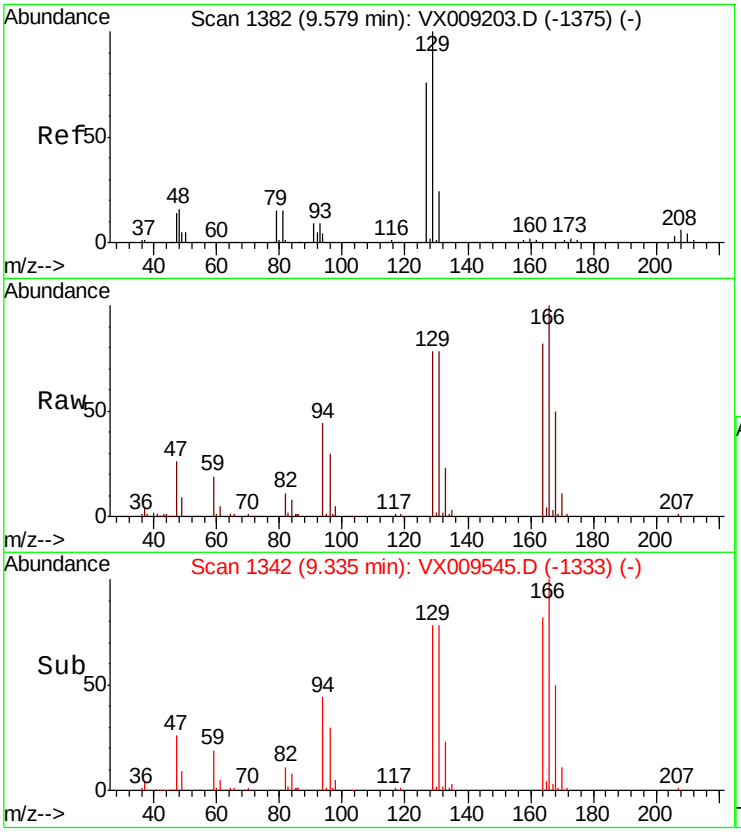


#50
Toluene-d8
Concen: 49.433 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 98 Resp: 376793

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8



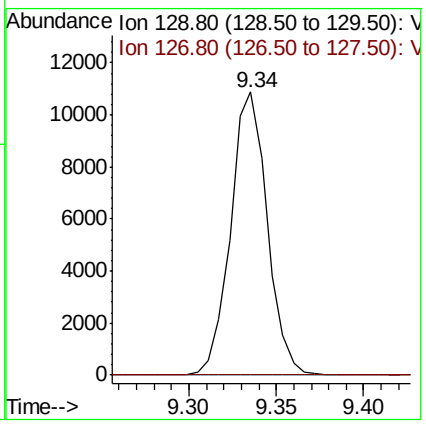


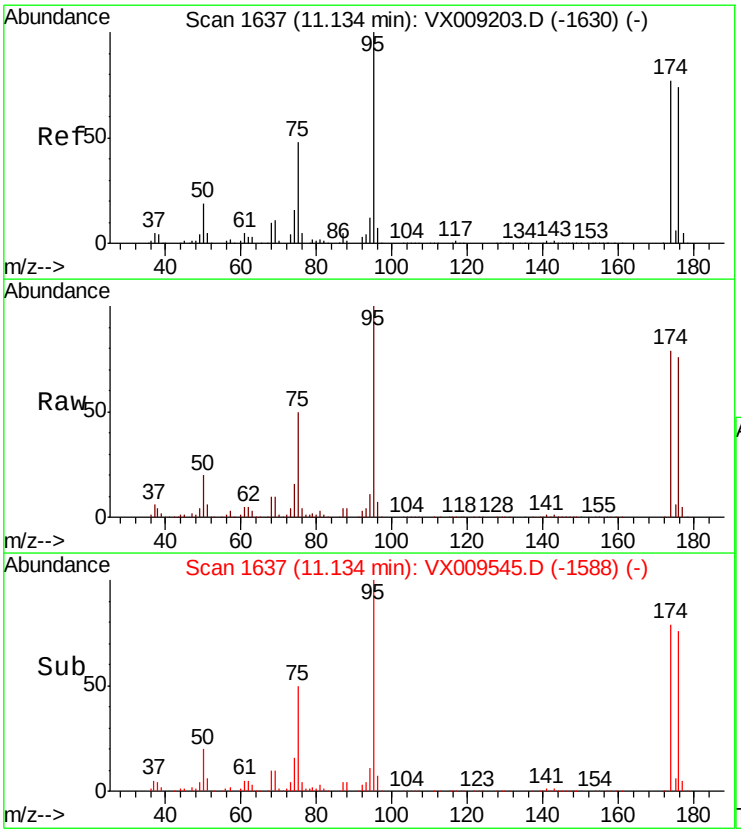
#60
Dibromochloromethane
Concen: 7.557 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion:129 Resp: 15810

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#

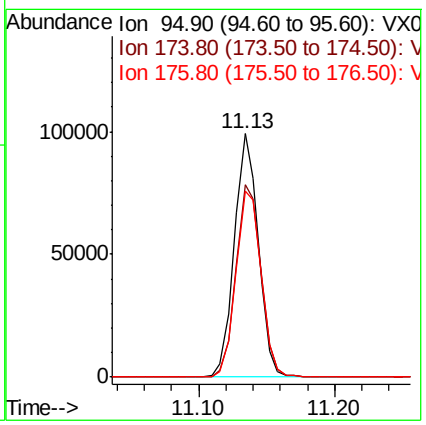


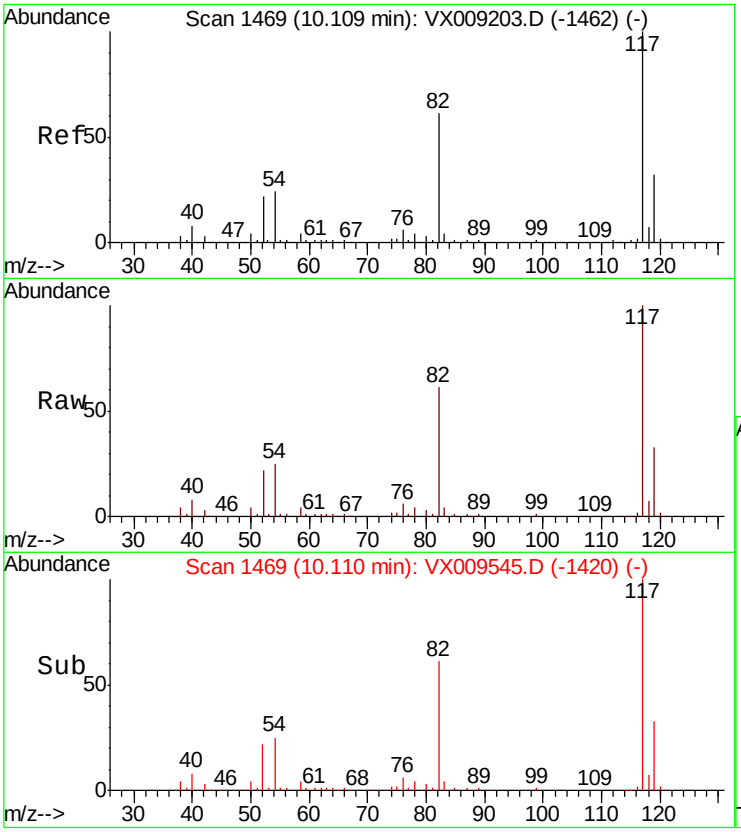


#62
4-Bromofluorobenzene
Concen: 43.825 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 95 Resp: 121379

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	161.6
176	80.6	0.0	159.2



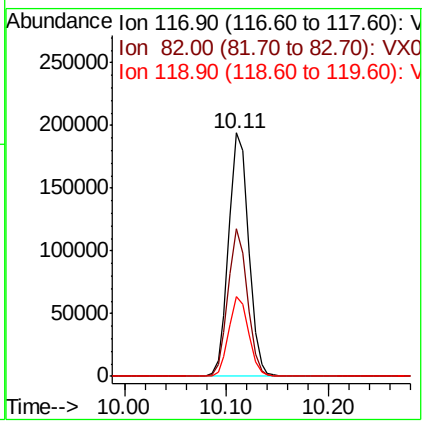


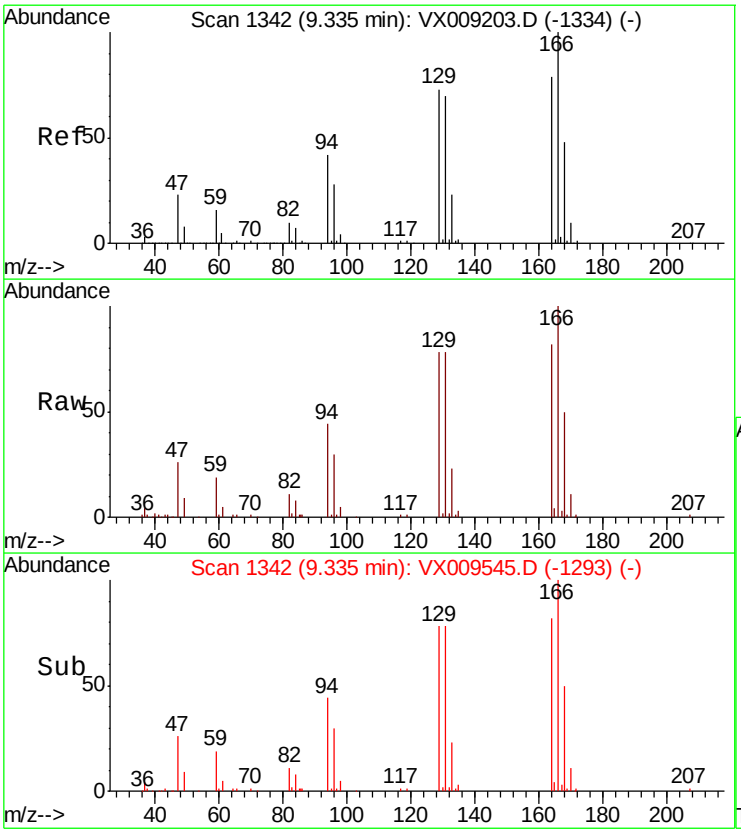
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument : MSVOA_X
ClientSampleId : BP-VPB202-GW-423-425

Tgt Ion:117 Resp: 261840

Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.8	73.2
119	32.6	25.8	38.6

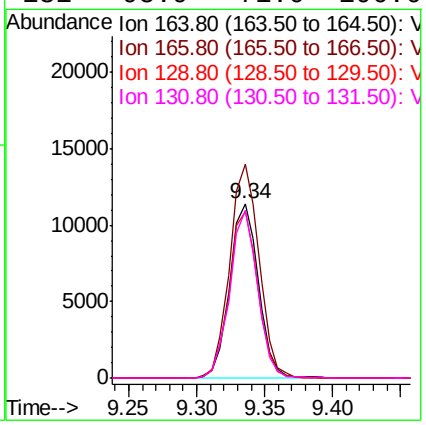


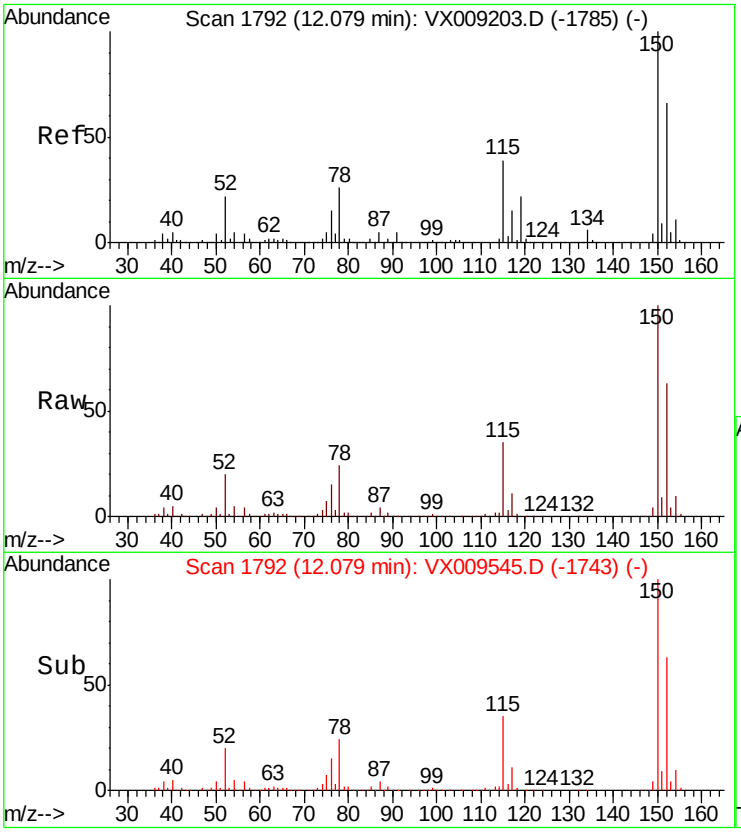


#64
Tetrachloroethene
Concen: 9.322 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion:164 Resp: 16743

Ion	Ratio	Lower	Upper
164	100		
166	122.5	101.2	151.8
129	95.4	74.3	111.5
131	95.9	71.0	106.6



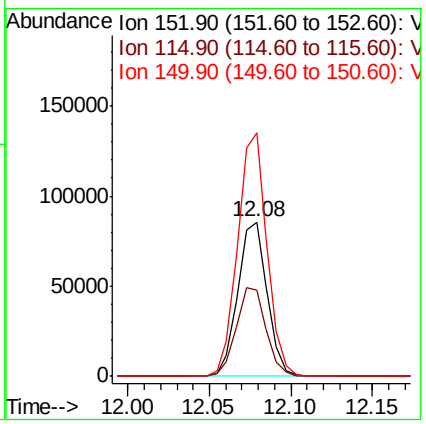


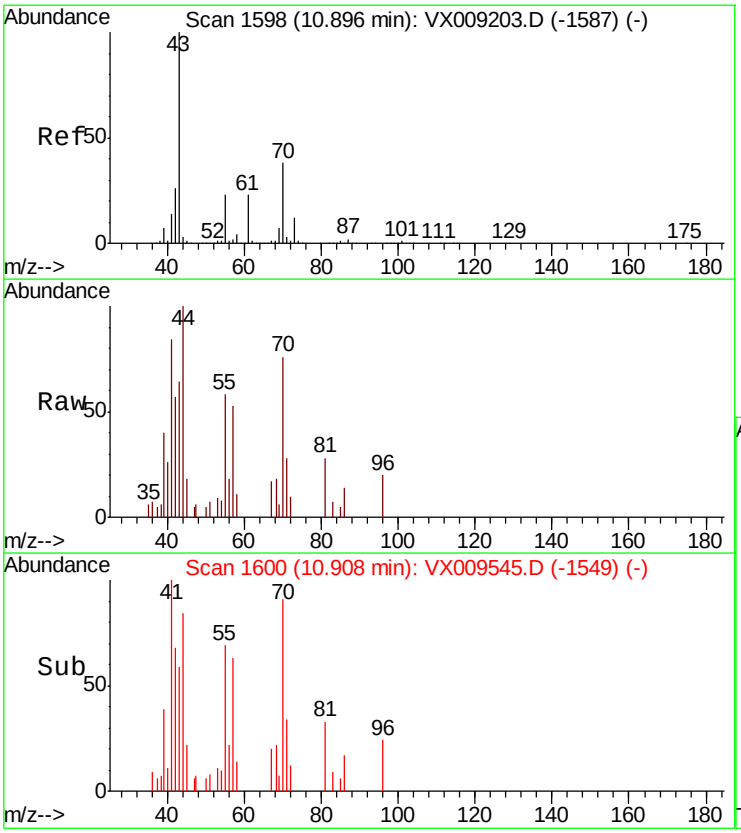
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion:152 Resp: 107909

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	157.0	0.0	346.4

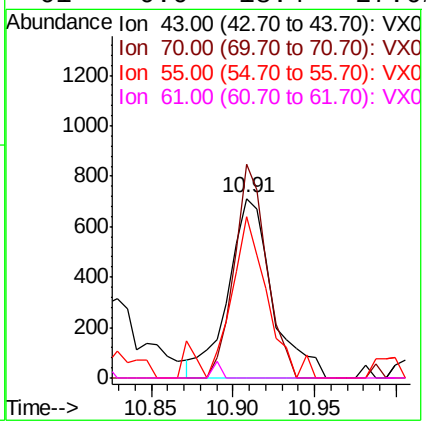


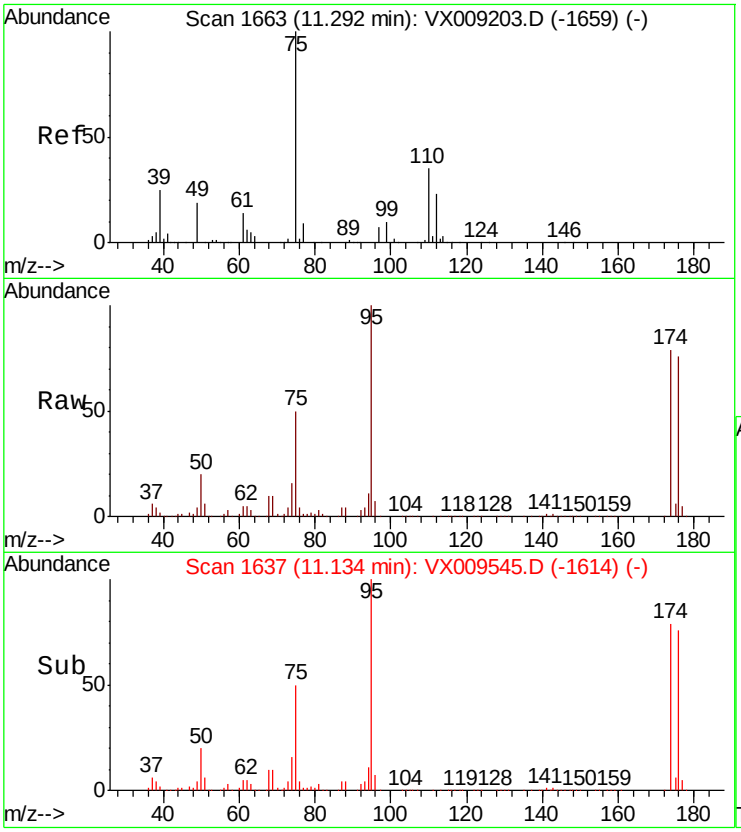


#74
N-amyl acetate
Concen: 0.293 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 43 Resp: 1342

Ion	Ratio	Lower	Upper
43	100		
70	87.0	30.0	45.0#
55	71.1	17.9	26.9#
61	0.0	18.4	27.6#



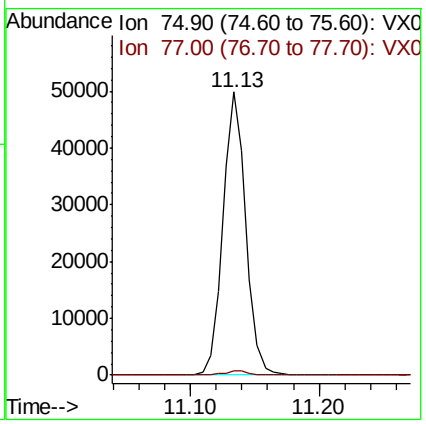


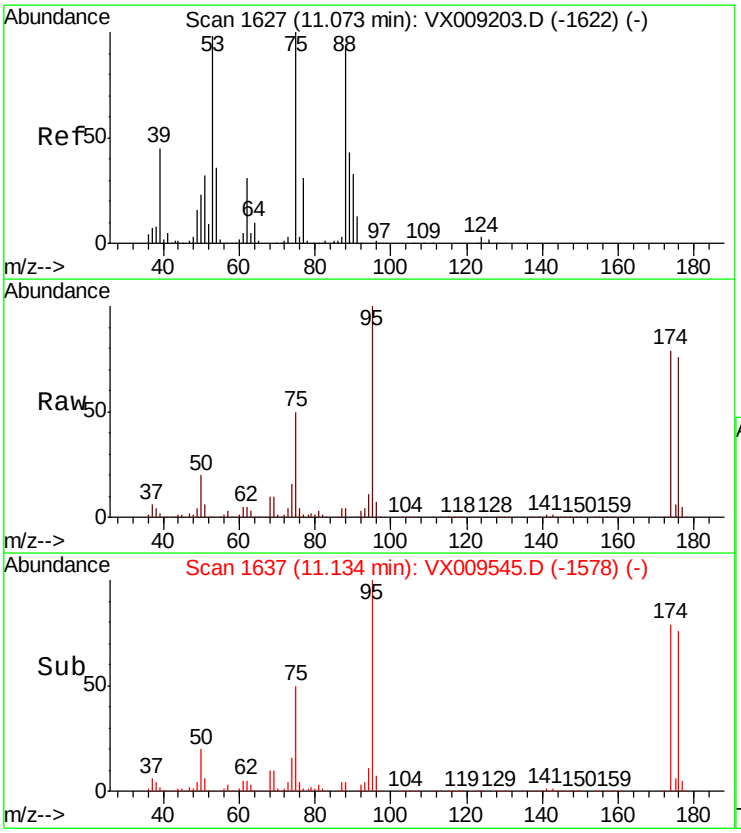
#76
1,2,3-Trichloropropane
Concen: 24.816 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-423-425

Tgt Ion: 75 Resp: 62116

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.494 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009545.D
Acq: 13 May 2019 15:55

Tgt Ion: 75 Resp: 62116

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#