Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009939.D
Acq On : 29 May 2019 14:53
Operator : JC/SP
Sample : K3077-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0662

Quant Time: May 30 01:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	178176	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	285351	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	258719	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112111	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	122576	48.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.40%				
35) Dibromofluoromethane	5.50	113	88355	49.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.50%				
50) Toluene-d8	8.71	98	365776	50.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.42%				
62) 4-Bromofluorobenzene	11.13	95	121582	46.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	7267	3.338	ug/l		97
3) Chloromethane	1.33	50	661	0.226	ug/l	#	88
4) Vinyl Chloride	1.41	62	14841	5.624	ug/l		99
10) Methyl Iodide	2.53	142	159	4.723	ug/l	#	42
11) Tert butyl alcohol	3.04	59	654	1.056	ug/l	#	93
13) Acrolein	2.30	56	19	21.137	ug/l	#	1
16) Acetone	2.44	43	4061	2.793	ug/l		90
17) Carbon Disulfide	2.57	76	1719	0.697	ug/l		95
20) Methylene Chloride	2.85	84	499	0.224	ug/l		84
21) trans-1,2-Dichloroethene	3.17	96	38641	19.246	ug/l		97
27) cis-1,2-Dichloroethene	4.60	96	35555	15.341	ug/l		89
29) Tetrahydrofuran	5.15	42	1108	0.763	ug/l	#	54
31) Cyclohexane	5.65	56	4108	1.073	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	14160	4.891	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	17243	6.892	ug/l	#	16
44) Trichloroethene	7.22	130	4022	1.928	ug/l		95
49) 1,4-Dioxane	7.62	88	19	0.317	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.64	43	1134	0.268	ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	64068	23.898	ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	64068	59.127	ug/l	#	10

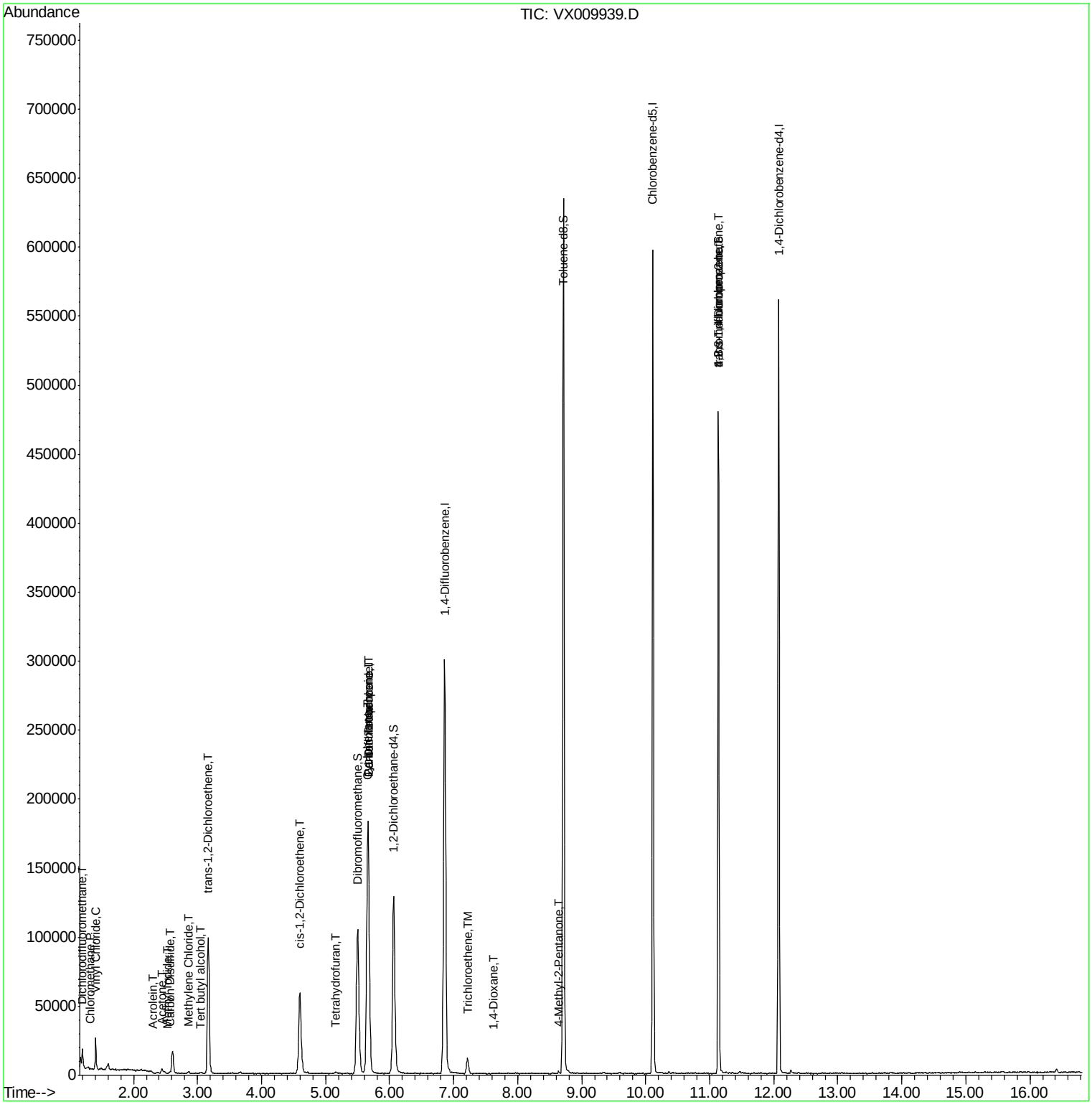
(#) = qualifier out of range (m) = manual integration (+) = signals summed

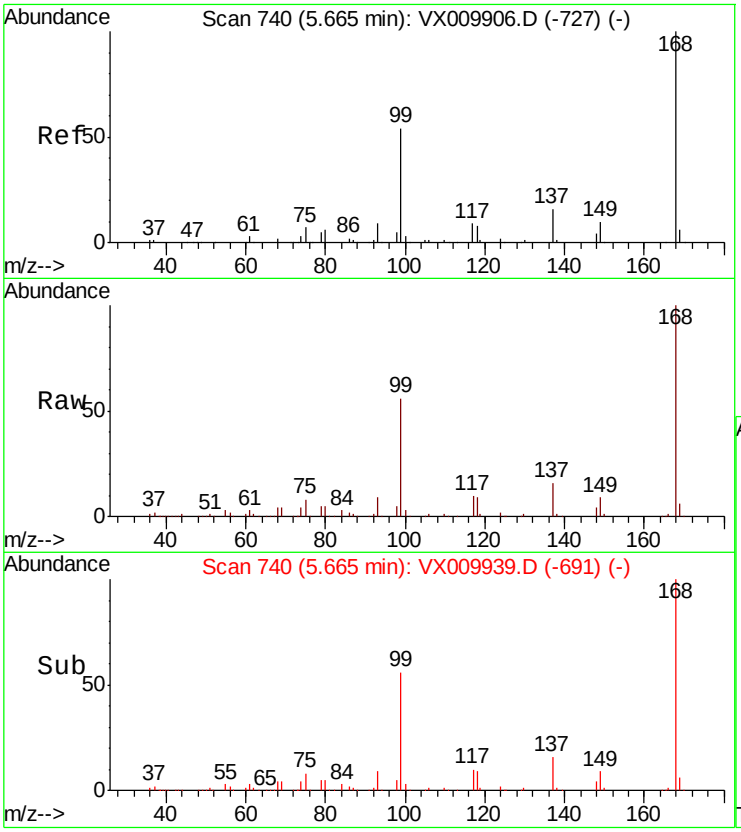
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052919\
Data File : VX009939.D
Acq On : 29 May 2019 14:53
Operator : JC/SP
Sample : K3077-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0662

Quant Time: May 30 01:14:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



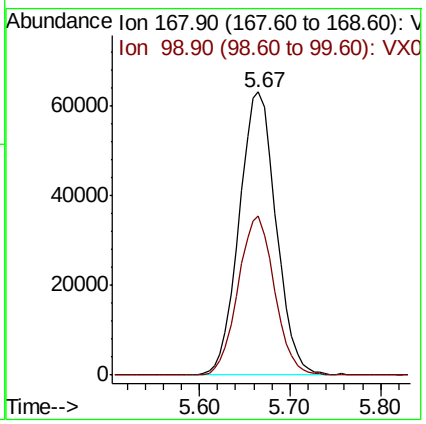


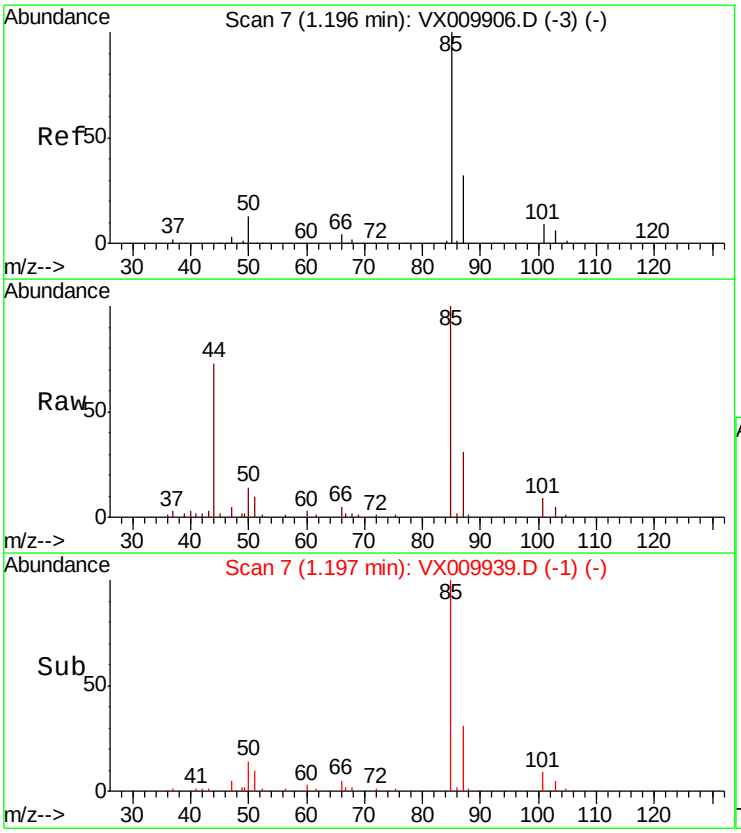
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion:168 Resp: 178176

Ion	Ratio	Lower	Upper
168	100		
99	56.2	43.0	64.6

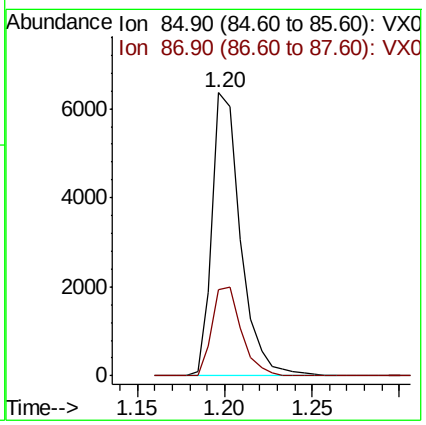


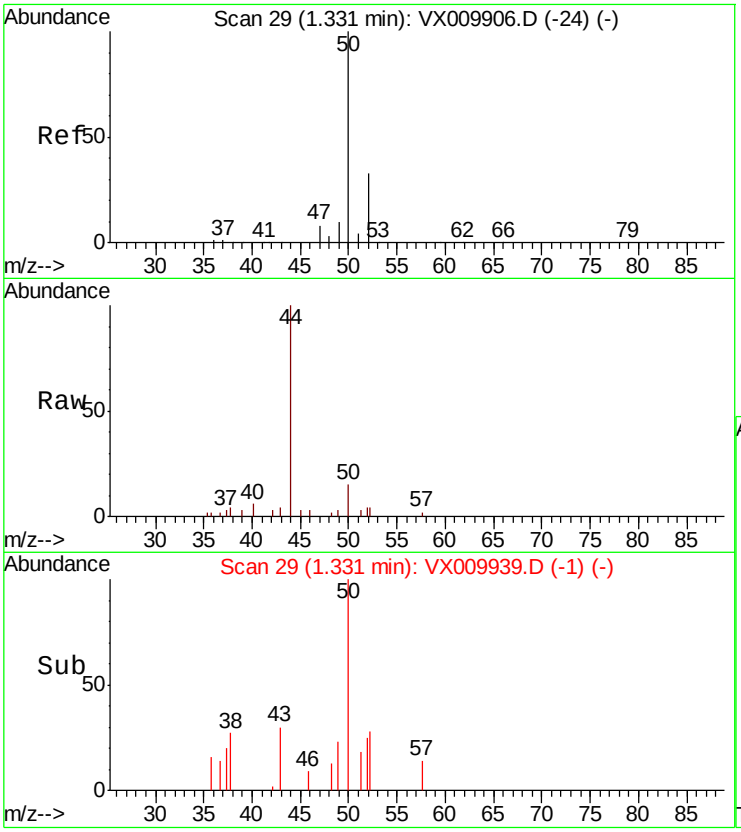


#2
Dichlorodifluoromethane
Concen: 3.338 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 85 Resp: 7267

Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.1	48.2



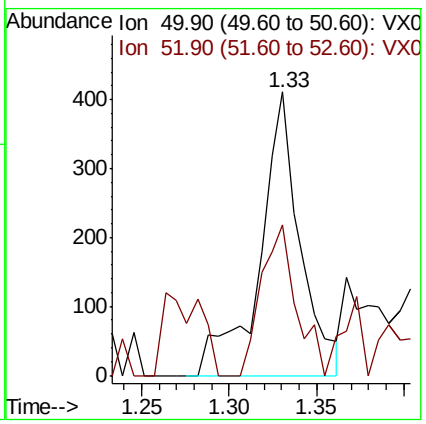


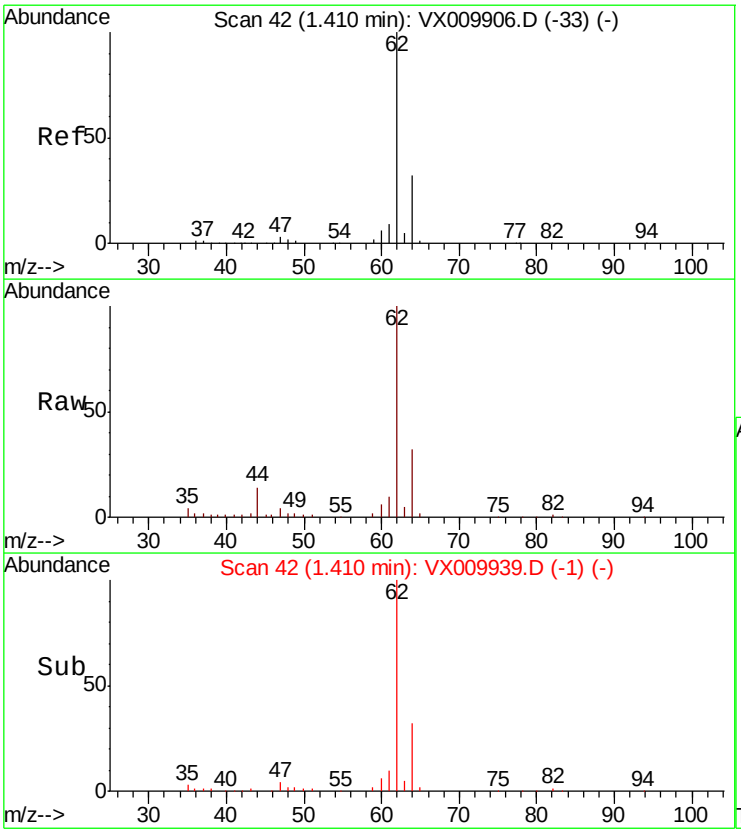
#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 50 Resp: 661

Ion	Ratio	Lower	Upper
50	100		
52	39.4	26.0	39.0#

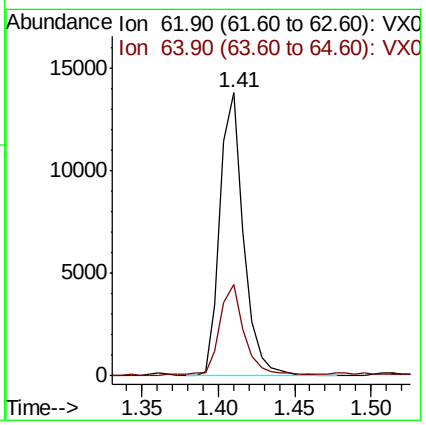


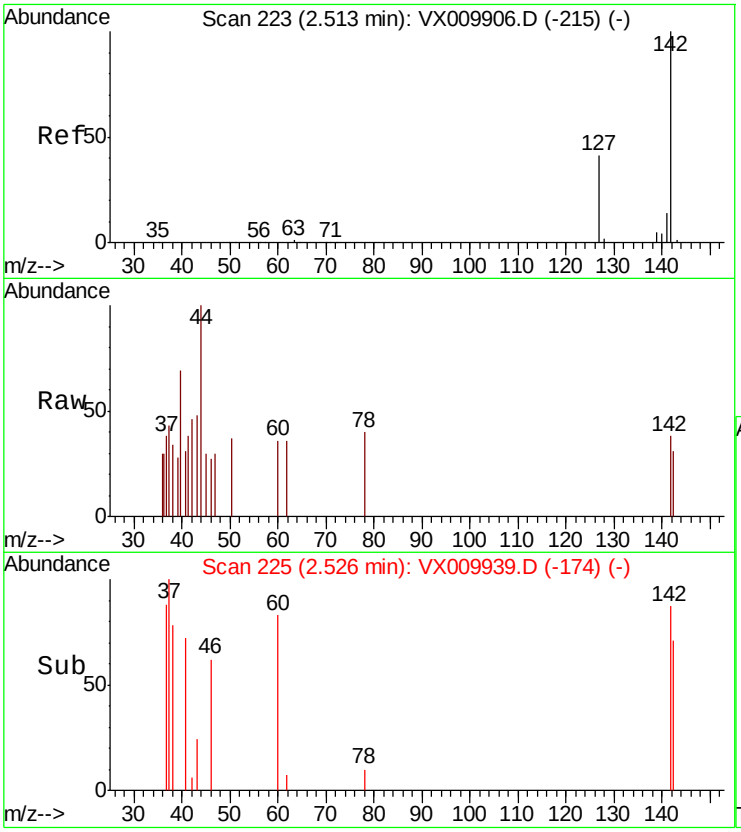


#4
Vinyl Chloride
Concen: 5.624 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 62 Resp: 14841

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.7	38.5



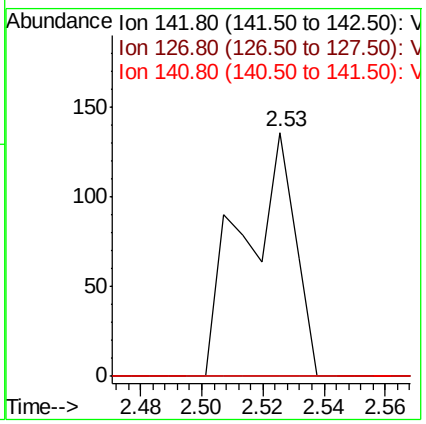


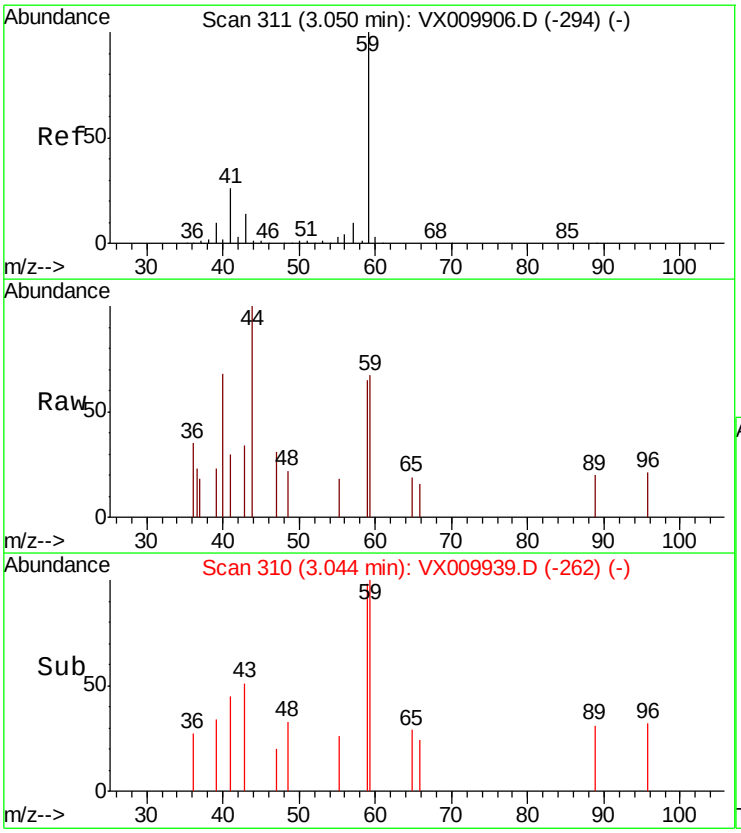
#10
Methyl Iodide
Concen: 4.723 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument : MSVOA_X
ClientSampleId : S32-0662

Tgt Ion:142 Resp: 159

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.4#
141	0.0	11.4	17.0#

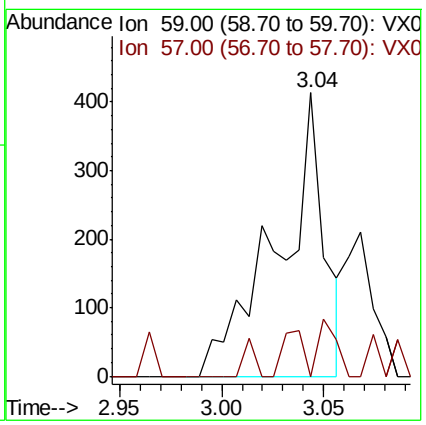


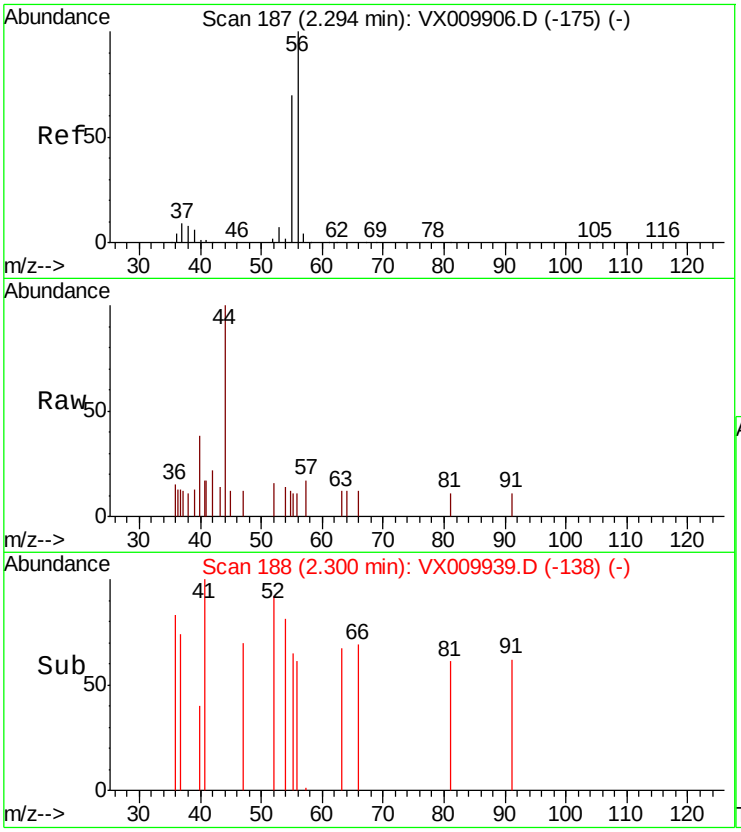


#11
Tert butyl alcohol
Concen: 1.056 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 59 Resp: 654

Ion	Ratio	Lower	Upper
59	100		
57	7.6	8.2	12.2#



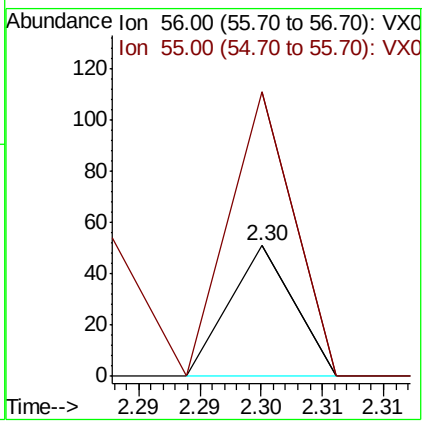


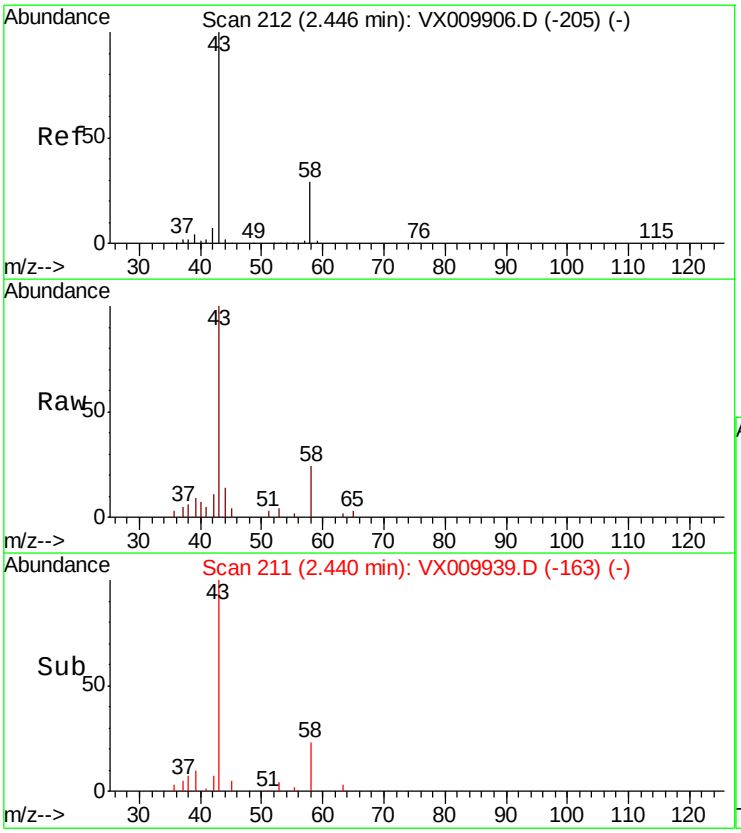
#13
Acrolein
Concen: 21.137 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument : MSVOA_X
ClientSampleId : S32-0662

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	215.8	57.0	85.4#

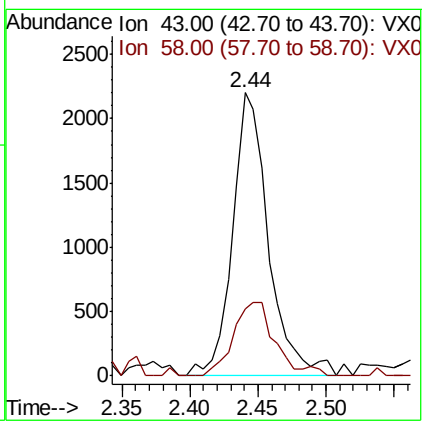


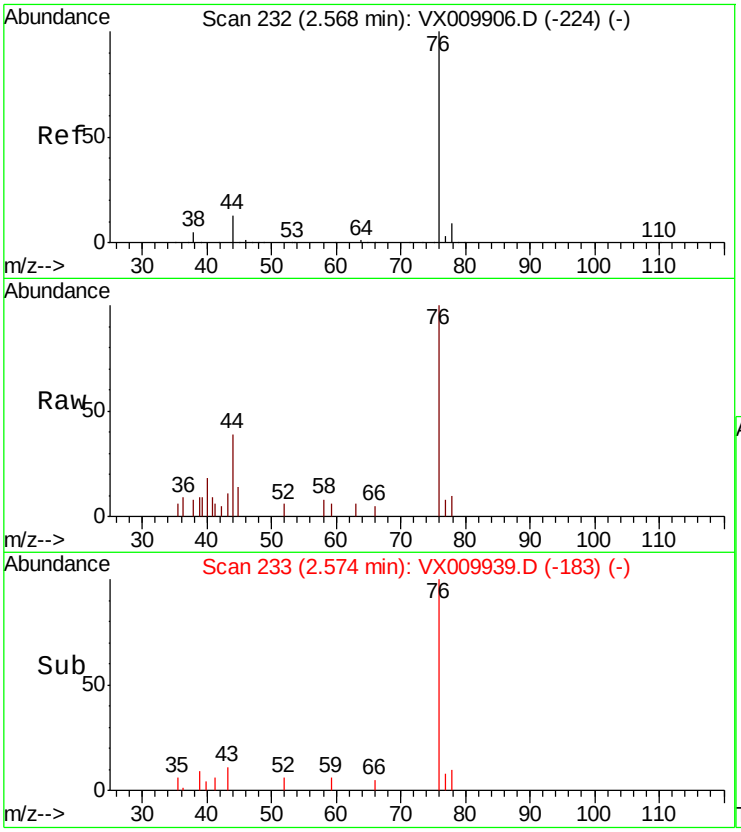


#16
Acetone
Concen: 2.793 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 43 Resp: 4061

Ion	Ratio	Lower	Upper
43	100		
58	23.8	23.2	34.8



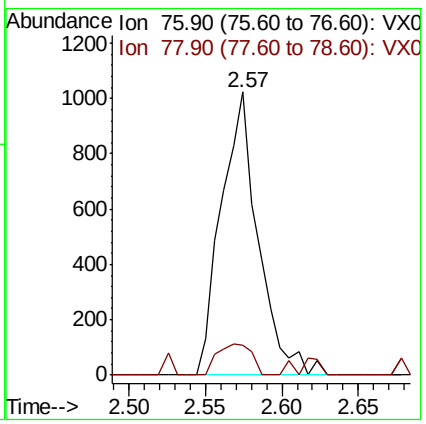


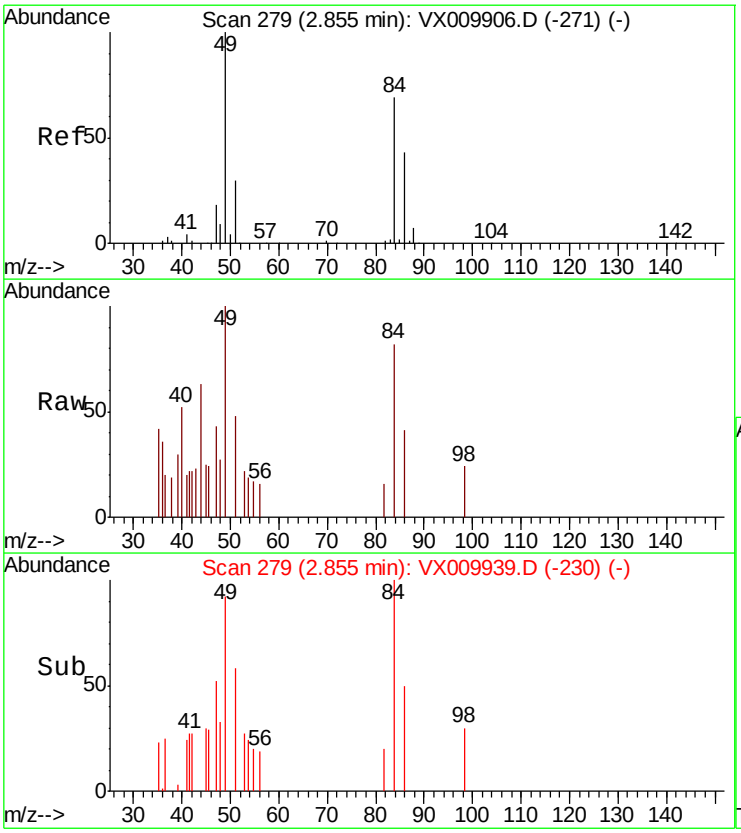
#17
Carbon Disulfide
Concen: 0.697 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 76 Resp: 1719

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.0	10.6

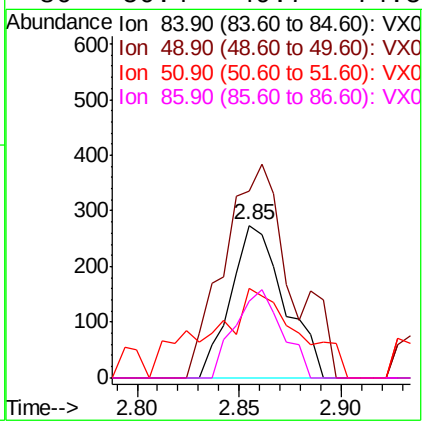


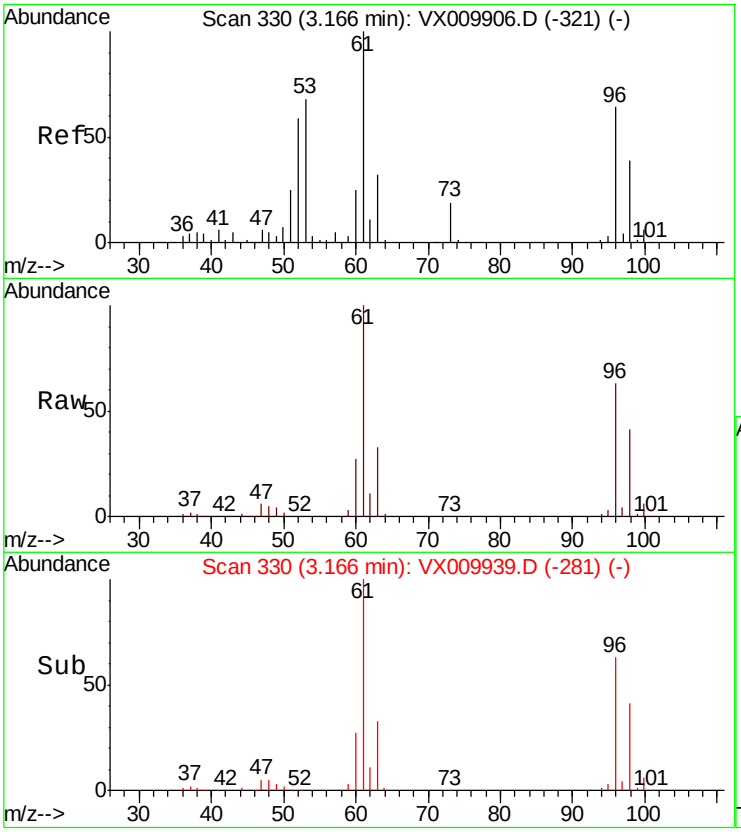


#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 84 Resp: 499

Ion	Ratio	Lower	Upper
84	100		
49	122.6	115.8	173.6
51	36.1	34.4	51.6
86	50.4	49.7	74.5



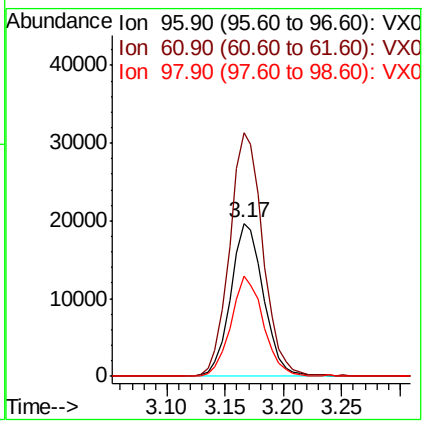


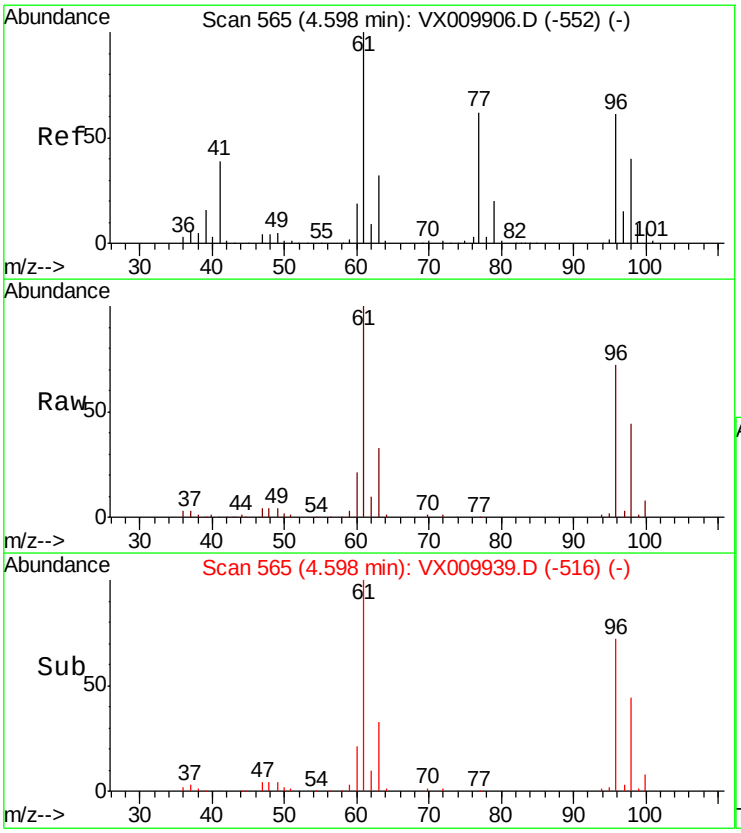
#21
trans-1,2-Dichloroethene
Concen: 19.246 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 96 Resp: 38641

Ion	Ratio	Lower	Upper
96	100		
61	159.1	125.7	188.5
98	65.5	49.0	73.6

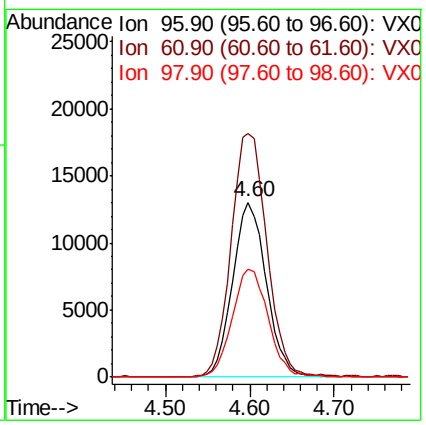


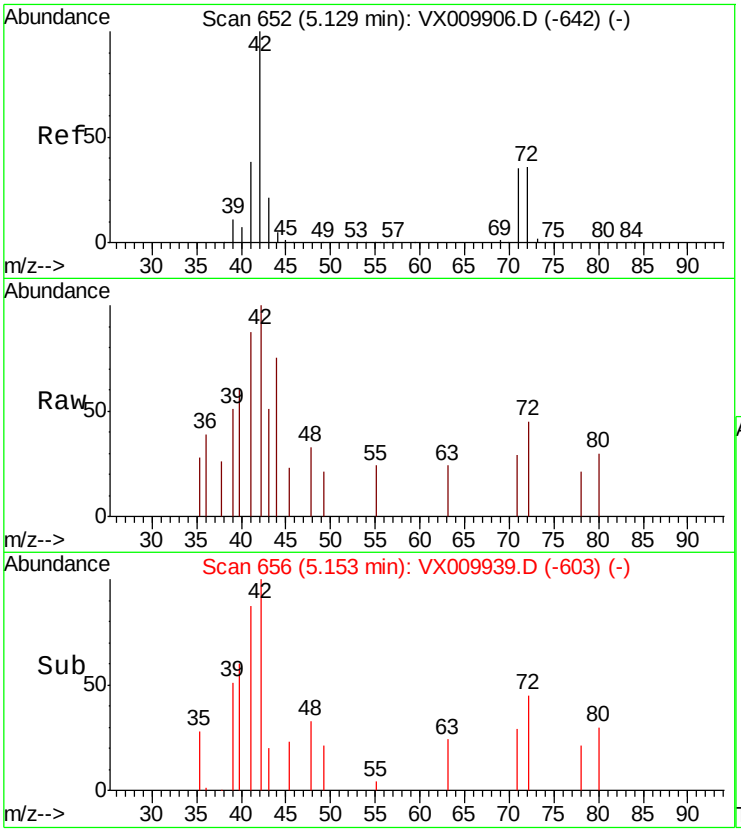


#27
cis-1,2-Dichloroethene
Concen: 15.341 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 96 Resp: 35555

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	334.0
98	65.2	0.0	131.6



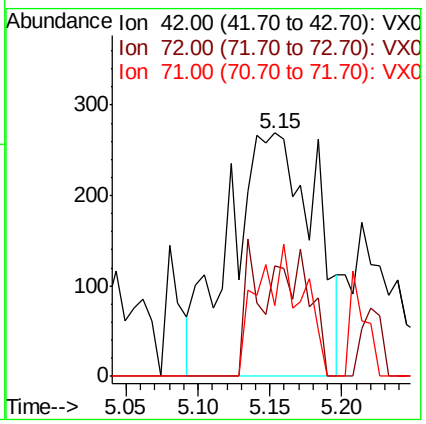


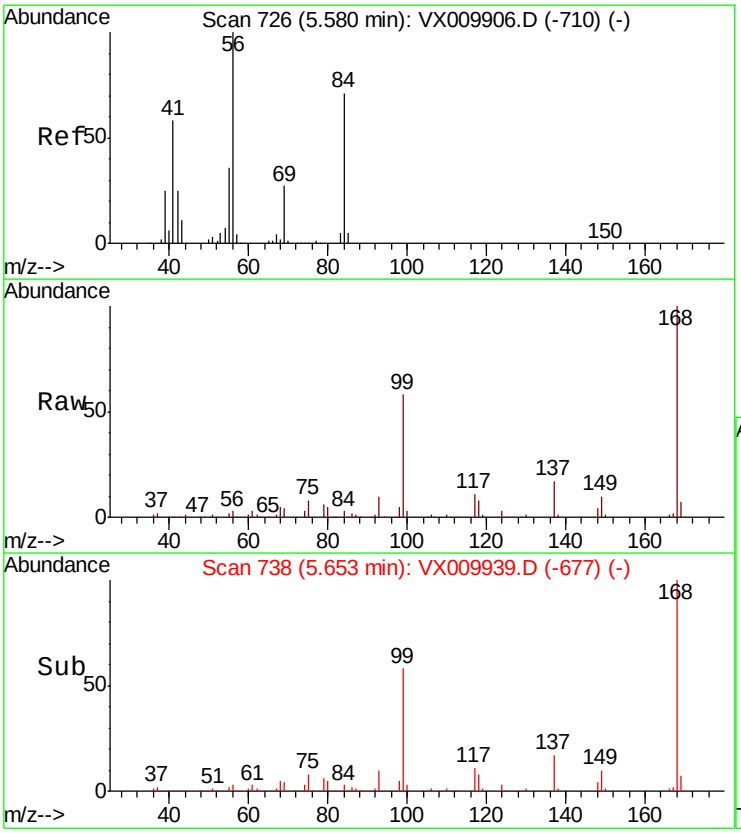
#29
Tetrahydrofuran
Concen: 0.763 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument : MSVOA_X
ClientSampleId : S32-0662

Tgt Ion: 42 Resp: 1108

Ion	Ratio	Lower	Upper
42	100		
72	5.0	29.2	43.8#
71	12.8	27.6	41.4#

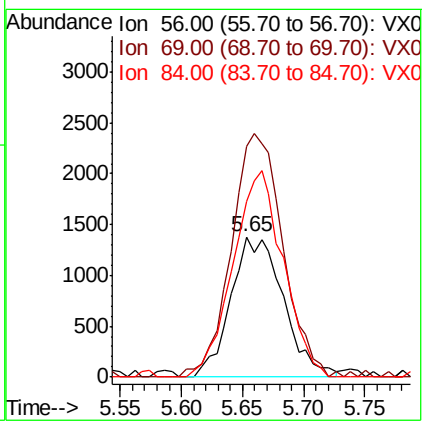


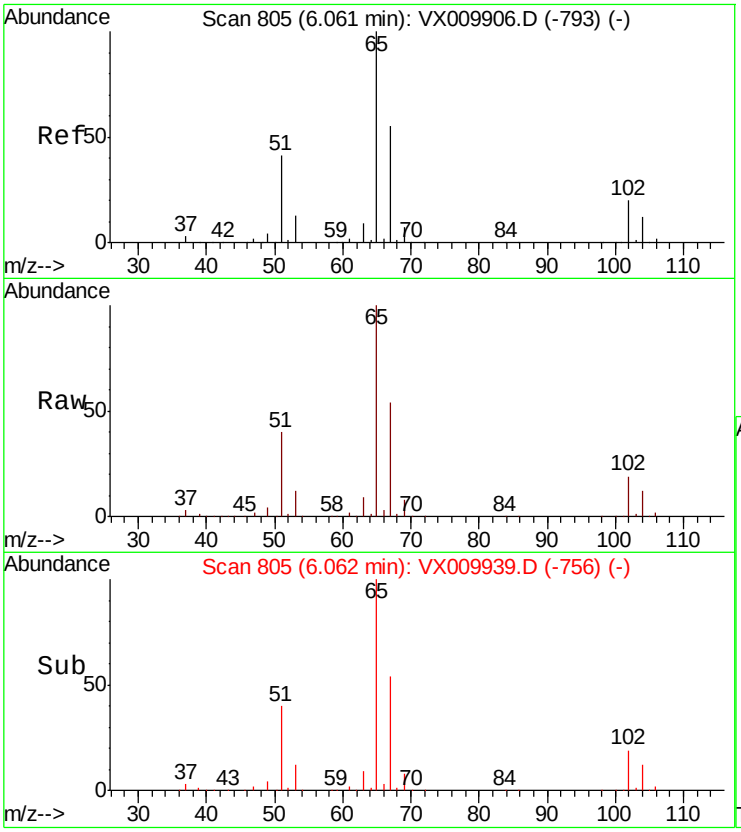


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 56 Resp: 4108

Ion	Ratio	Lower	Upper
56	100		
69	160.3	21.6	32.4#
84	125.2	56.8	85.2#



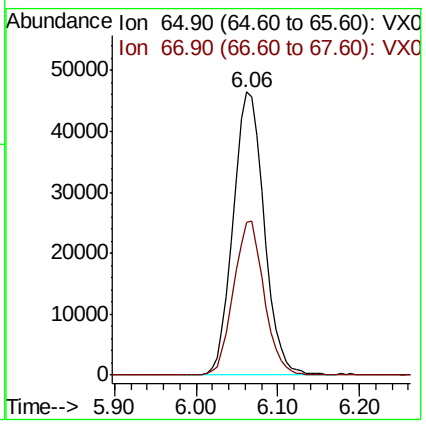


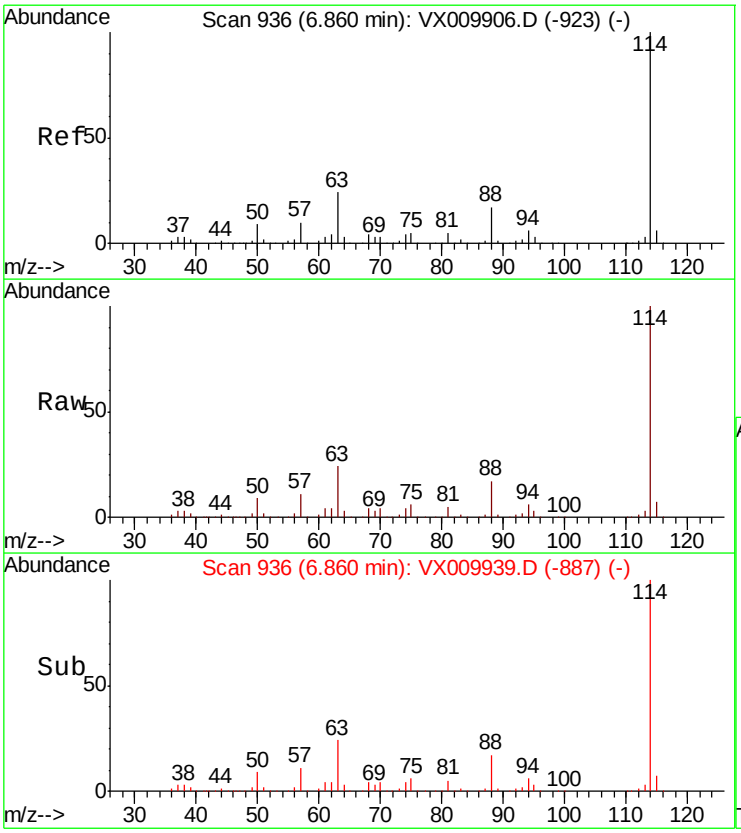
#33
1,2-Dichloroethane-d4
Concen: 48.701 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 65 Resp: 122576

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.4

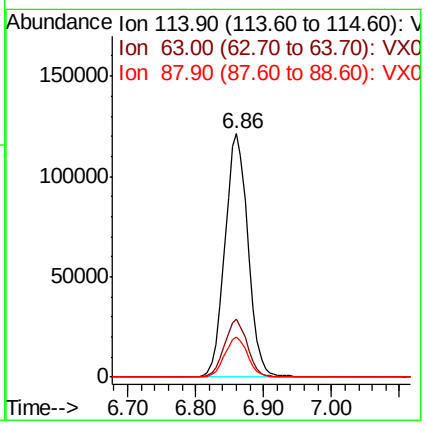


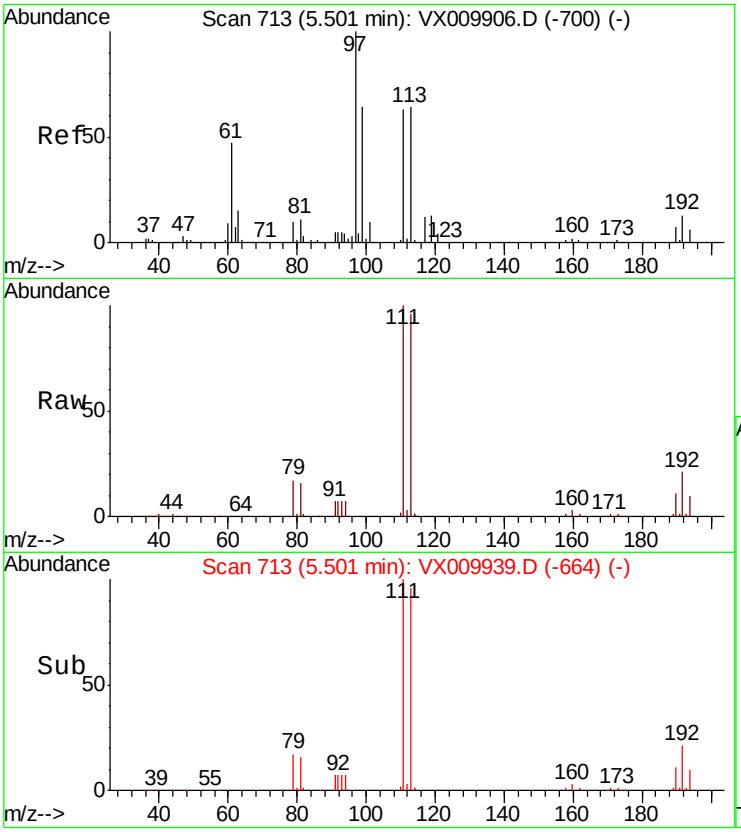


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion:114 Resp: 285351

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	47.4
88	16.6	0.0	33.0



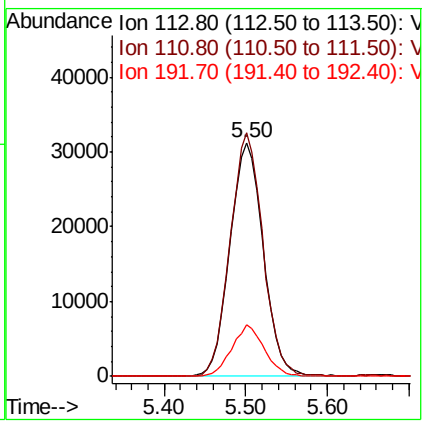


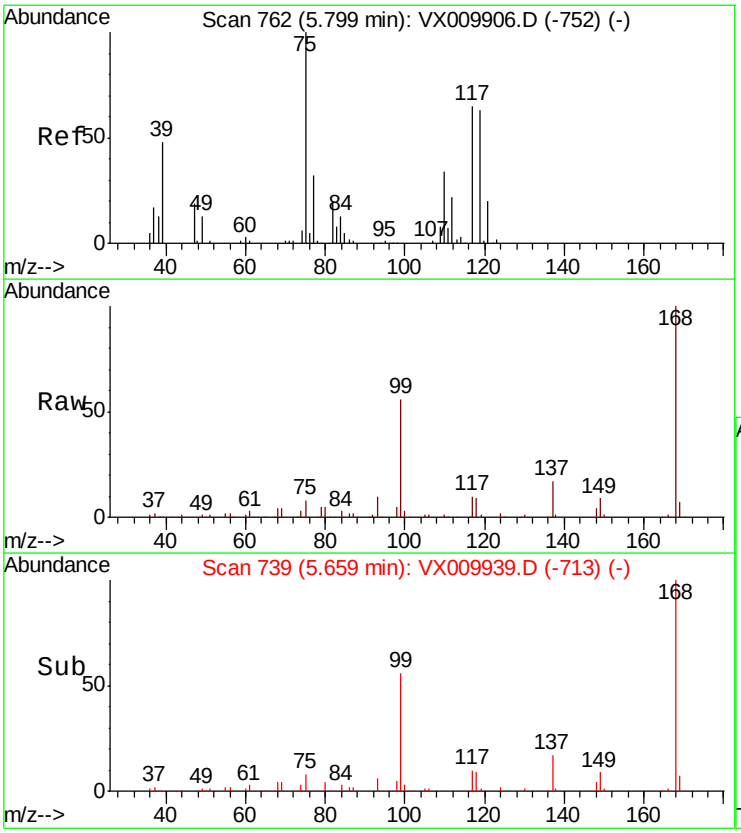
#35
Dibromofluoromethane
Concen: 49.250 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion:113 Resp: 88355

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.2
192	21.2	17.1	25.7

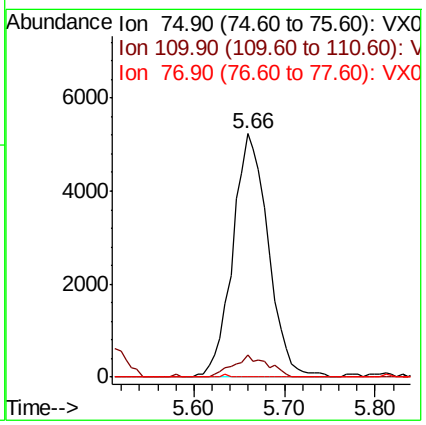


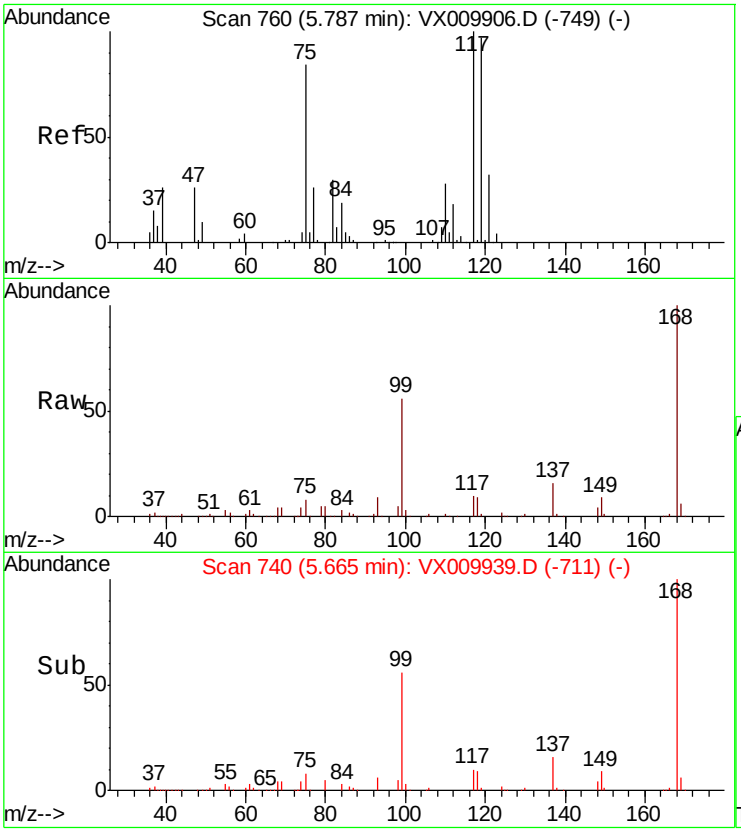


#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 75 Resp: 14160

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.7	50.1#
77	0.0	25.0	37.4#



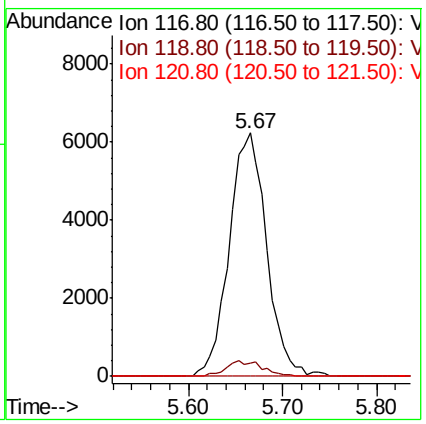


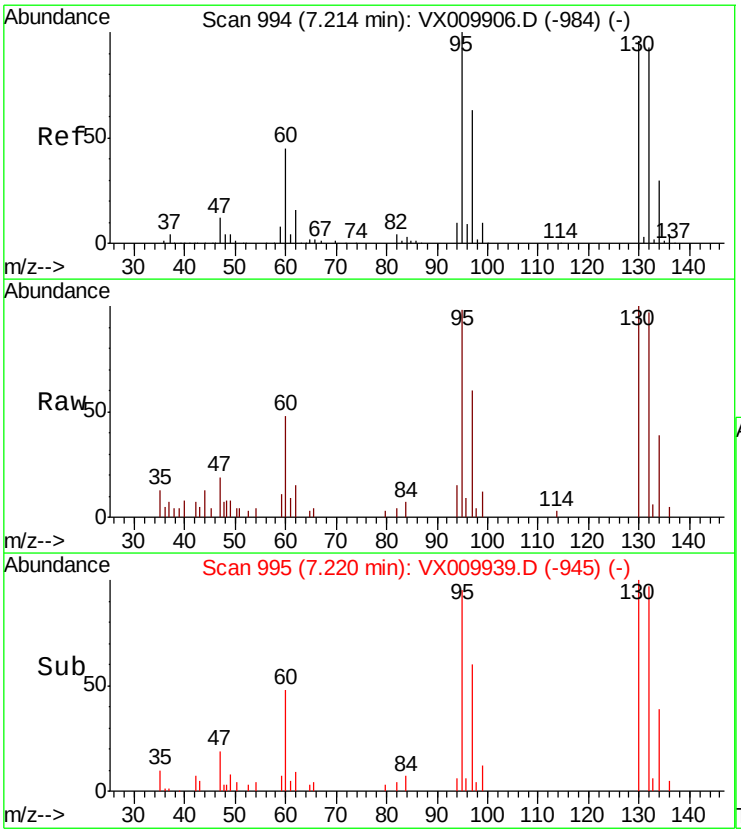
#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument : MSVOA_X
ClientSampleId : S32-0662

Tgt Ion:117 Resp: 17243

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.3	115.9#
121	0.0	25.4	38.0#

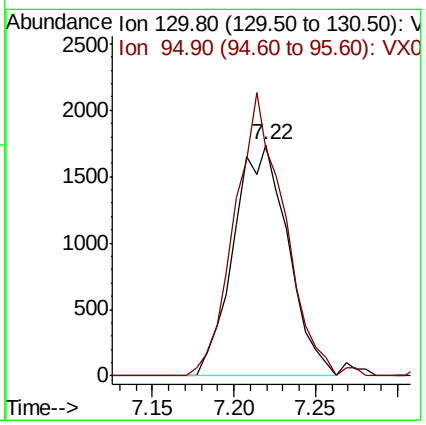


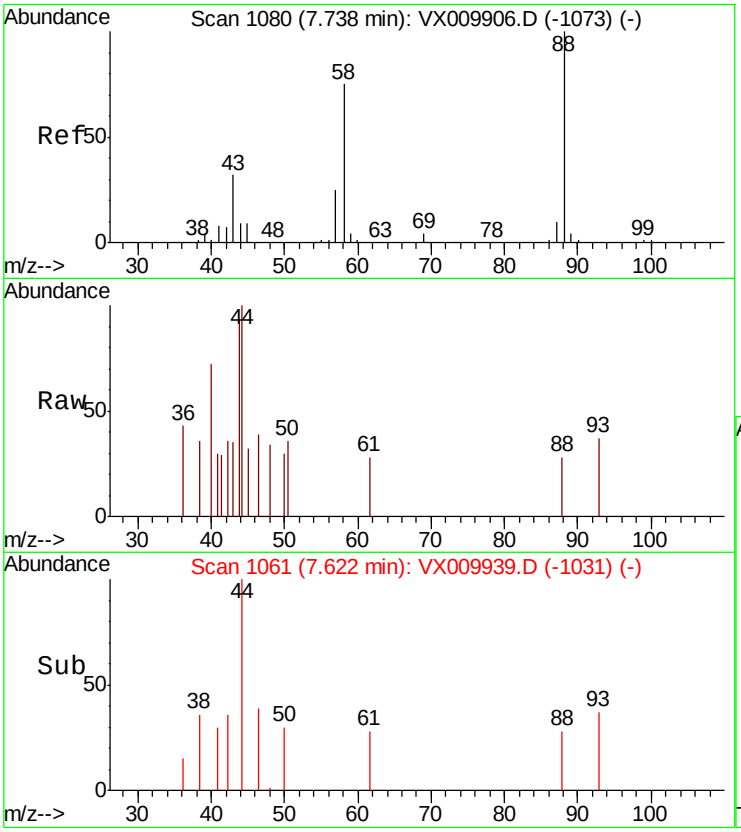


#44
Trichloroethene
Concen: 1.928 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion:130 Resp: 4022

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	207.4



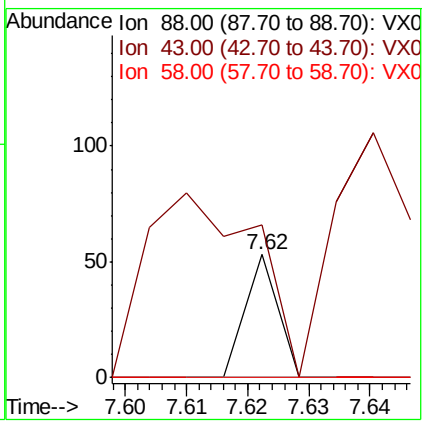


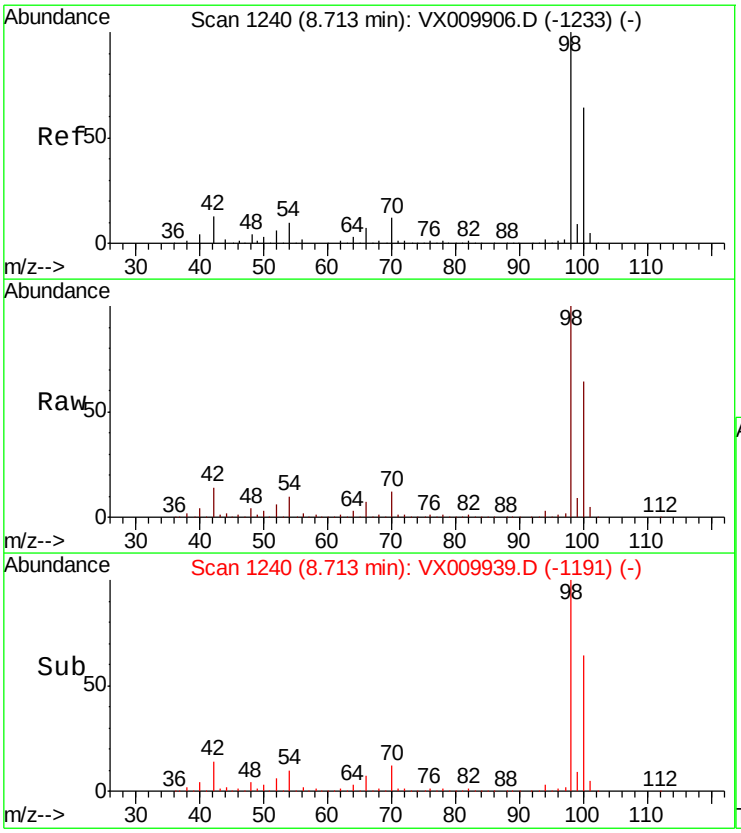
#49
1,4-Dioxane
Concen: 0.317 ug/l
RT: 7.62 min Scan# 1061
Delta R.T. -0.12 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	521.1	30.2	45.4#
58	0.0	64.0	96.0#

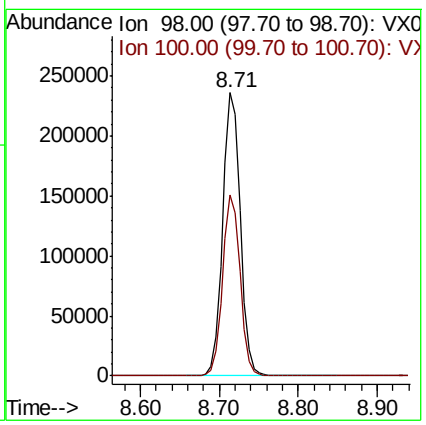


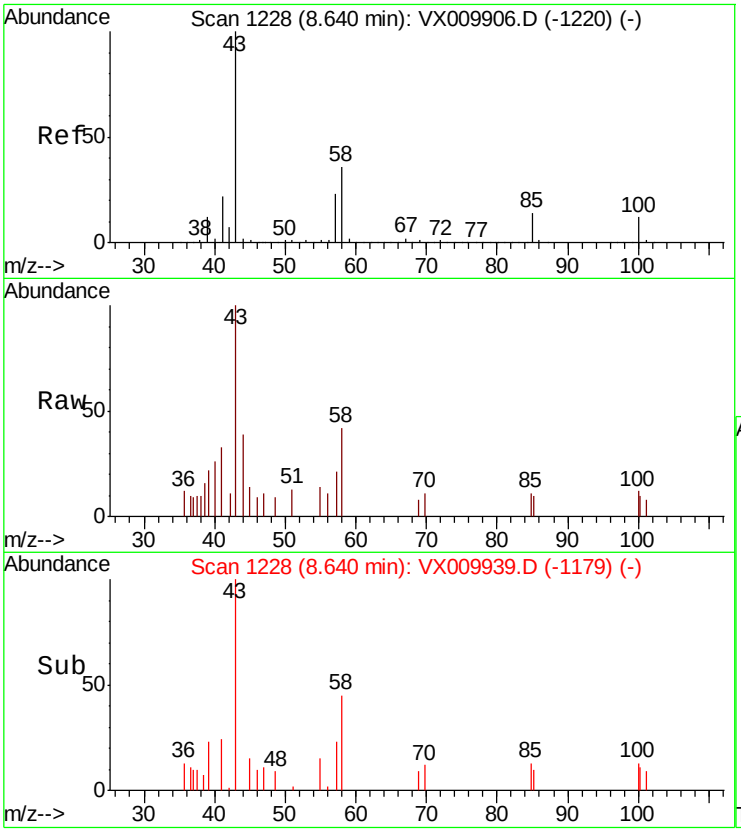


#50
Toluene-d8
Concen: 50.209 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 98 Resp: 365776

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3



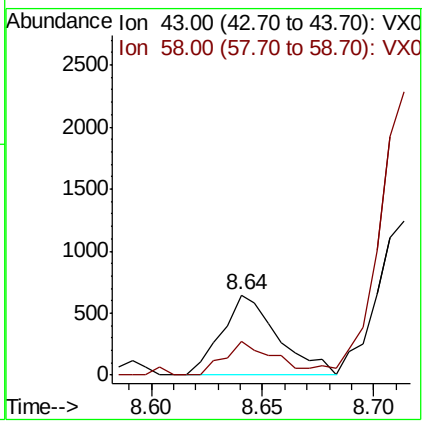


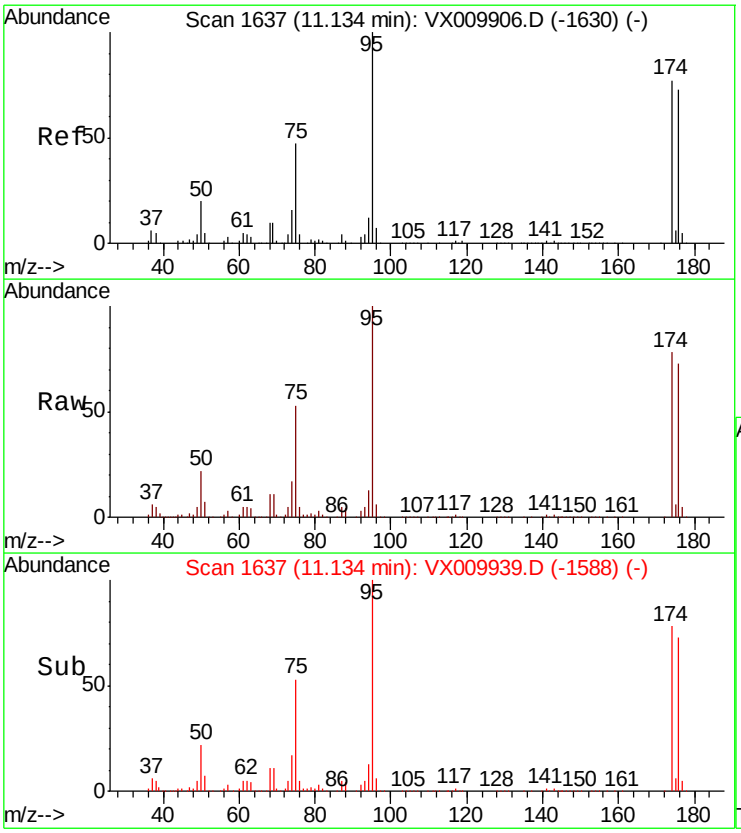
#51
4-Methyl-2-Pentanone
Concen: 0.268 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion: 43 Resp: 1134

Ion	Ratio	Lower	Upper
43	100		
58	37.0	28.8	43.2

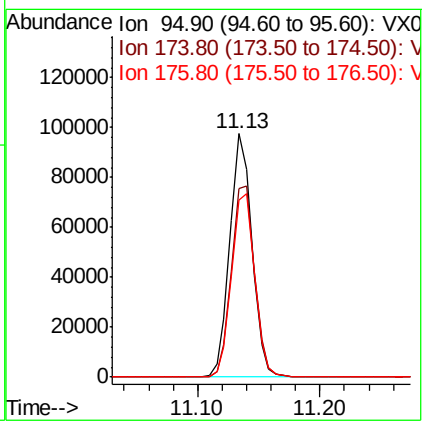


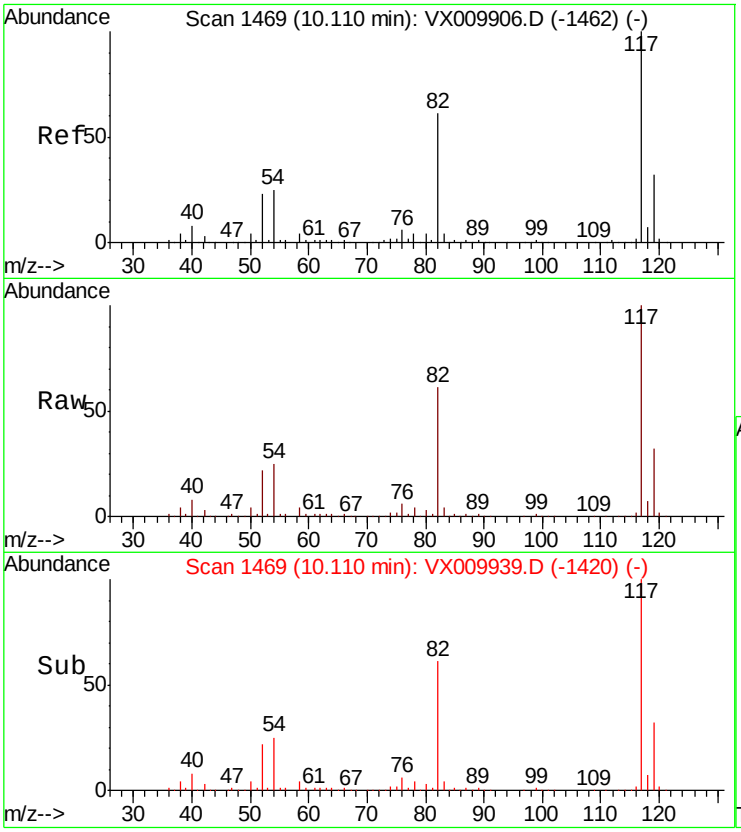


#62
4-Bromofluorobenzene
Concen: 46.464 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 95 Resp: 121582

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	160.4
176	78.6	0.0	154.6



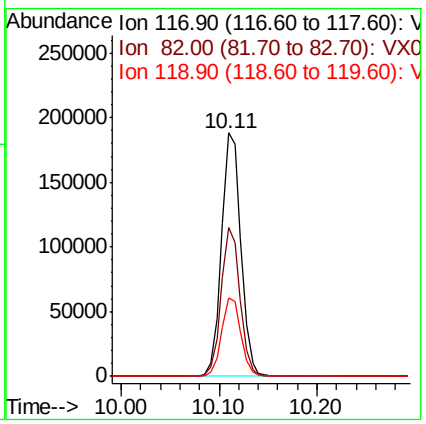


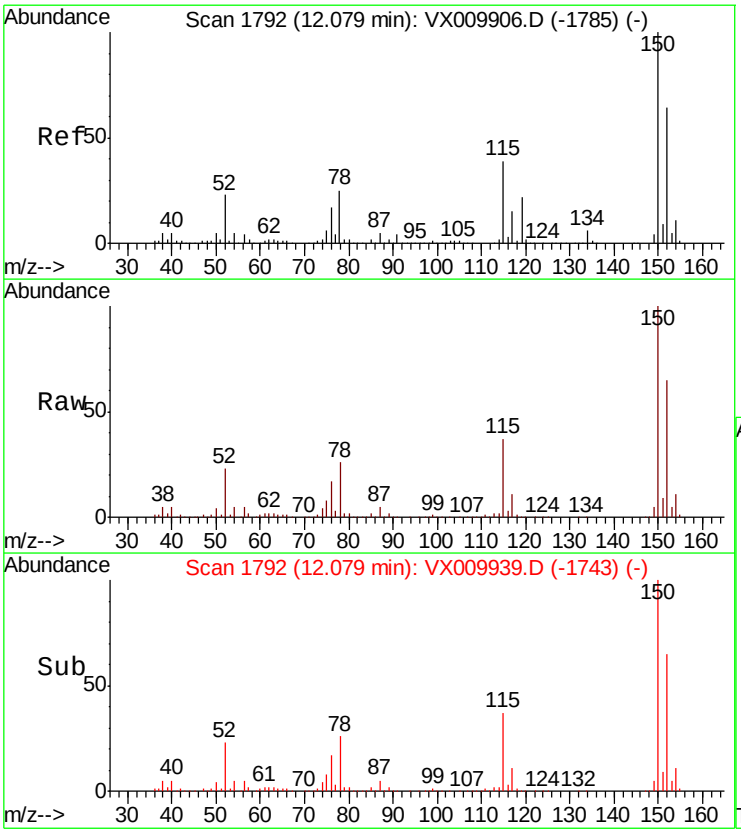
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument :
MSVOA_X
ClientSampleId :
S32-0662

Tgt Ion:117 Resp: 258719

Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.2	73.8
119	32.1	25.2	37.8

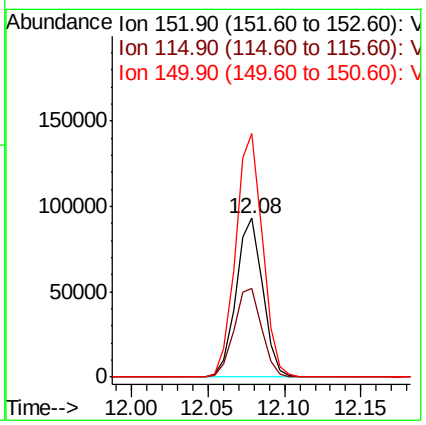


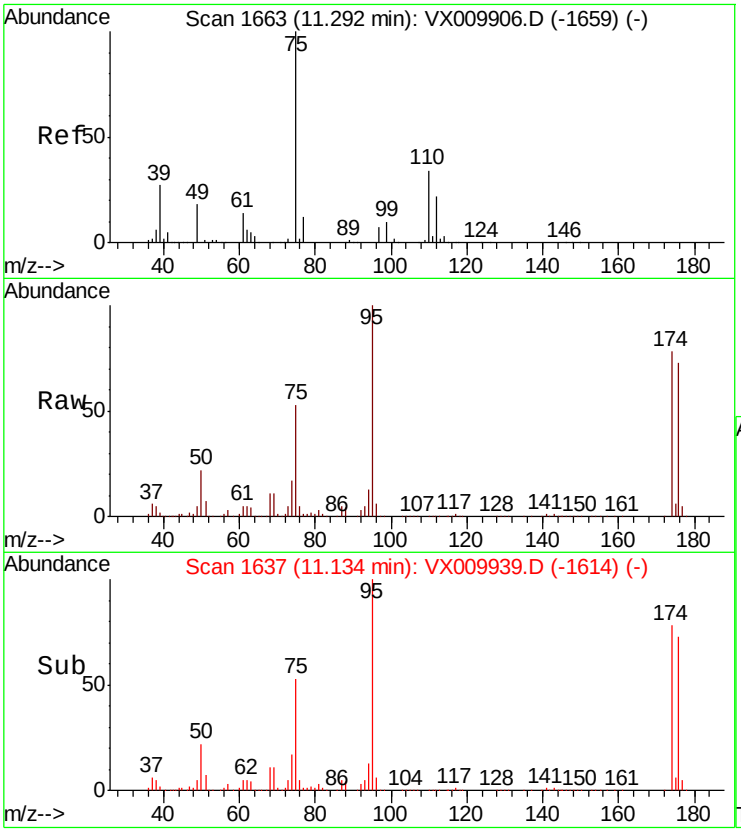


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion:152 Resp: 112111

Ion	Ratio	Lower	Upper
152	100		
115	58.1	41.4	124.2
150	154.6	0.0	345.2



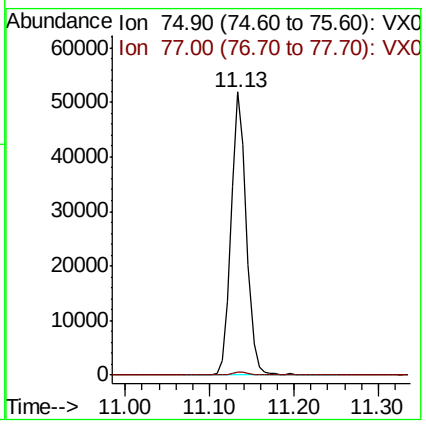


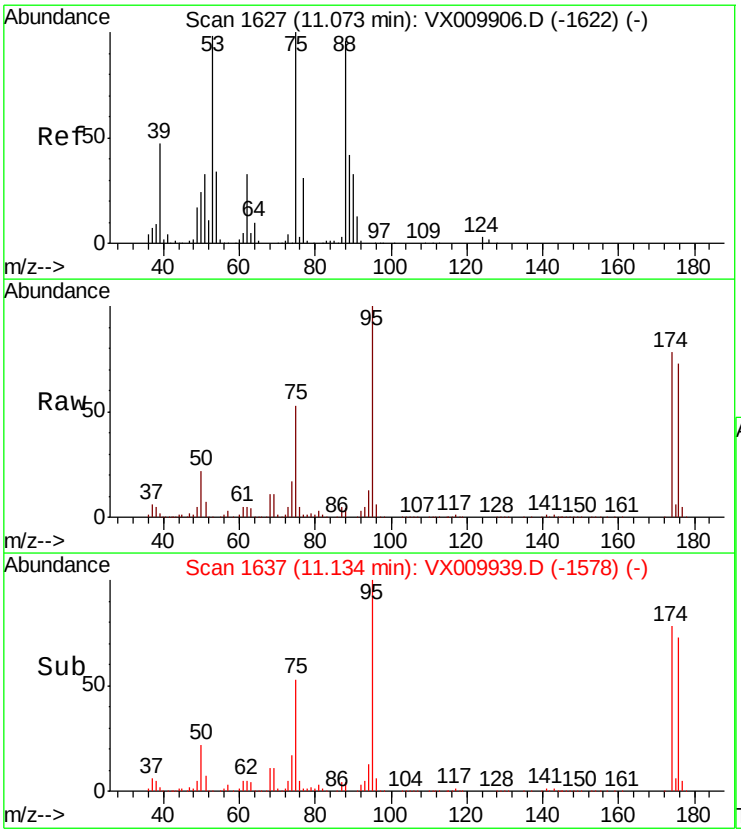
#76
1,2,3-Trichloropropane
Concen: 23.898 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Instrument : MSVOA_X
ClientSampleId : S32-0662

Tgt Ion: 75 Resp: 64068

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.127 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009939.D
Acq: 29 May 2019 14:53

Tgt Ion: 75 Resp: 64068

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.8	119.6#
89	0.0	34.2	51.4#