Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011139.D
Acq On : 29 Jul 2019 12:41
Operator : JC/SP
Sample : K4017-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0102

Quant Time: Jul 30 05:04:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106422	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.76%			
35) Dibromofluoromethane	5.50	113	98613	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
50) Toluene-d8	8.71	98	372857	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
62) 4-Bromofluorobenzene	11.13	95	131050	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91	0.591	ug/l #	43
3) Chloromethane	1.33	50	585	0.333	ug/l	94
5) Bromomethane	1.65	94	266	0.264	ug/l #	58
10) Methyl Iodide	2.53	142	918	0.404	ug/l	95
11) Tert butyl alcohol	3.04	59	482	1.019	ug/l #	88
13) Acrolein	2.28	56	166	0.607	ug/l #	49
16) Acetone	2.44	43	2473	2.695	ug/l	95
18) Methyl Acetate	2.77	43	526	0.252	ug/l	93
27) cis-1,2-Dichloroethene	4.61	96	501	0.240	ug/l #	21
29) Tetrahydrofuran	5.13	42	210	0.252	ug/l #	36
31) Cyclohexane	5.58	56	870	0.315	ug/l #	73
36) 1,1-Dichloropropene	5.66	75	12567	4.965	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17686	6.706	ug/l #	19
39) Methylcyclohexane	7.46	83	1942	0.592	ug/l	97
49) 1,4-Dioxane	7.66	88	42	0.723	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	66267	26.942	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	66267	66.806	ug/l #	11

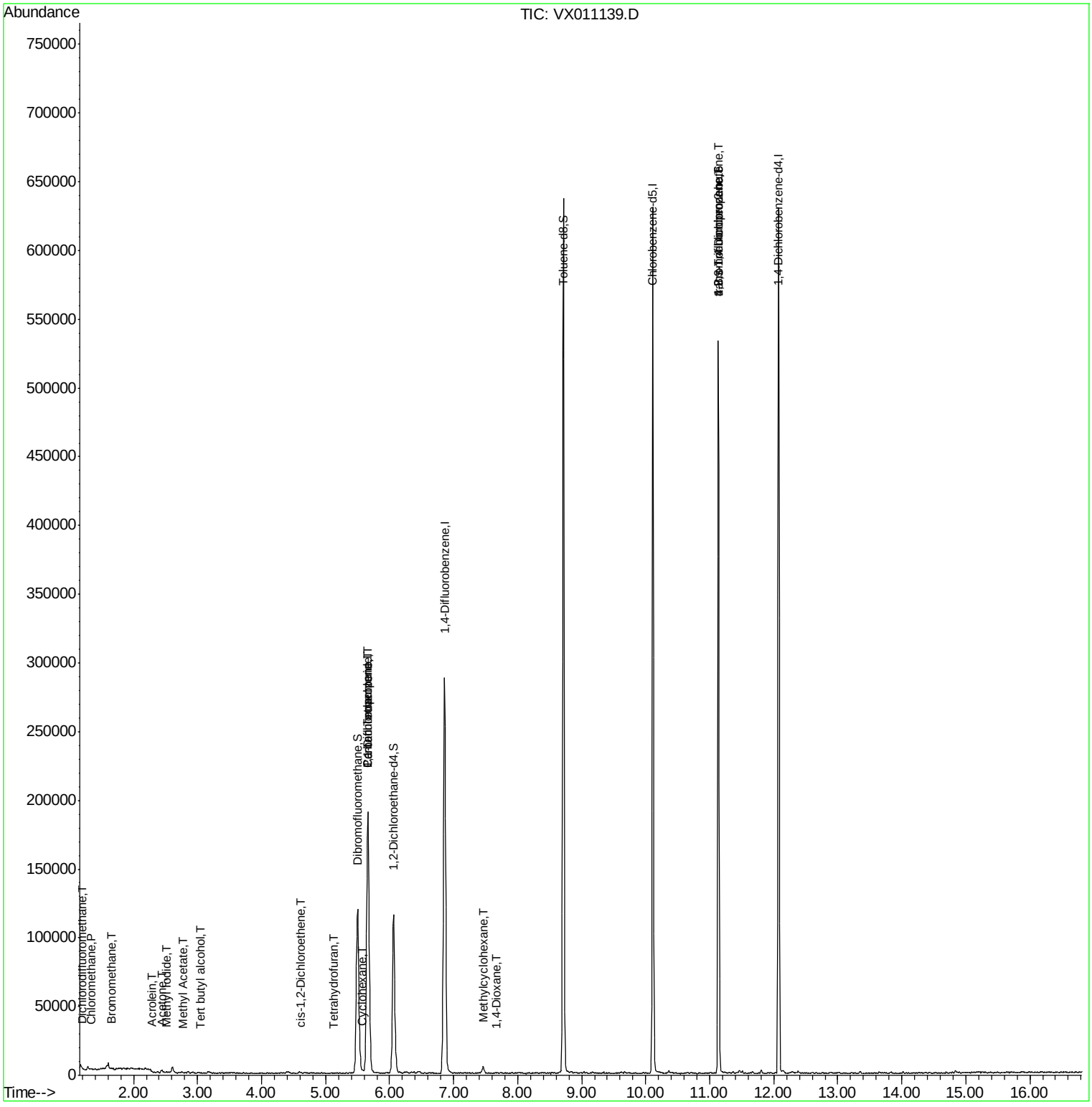
(#) = qualifier out of range (m) = manual integration (+) = signals summed

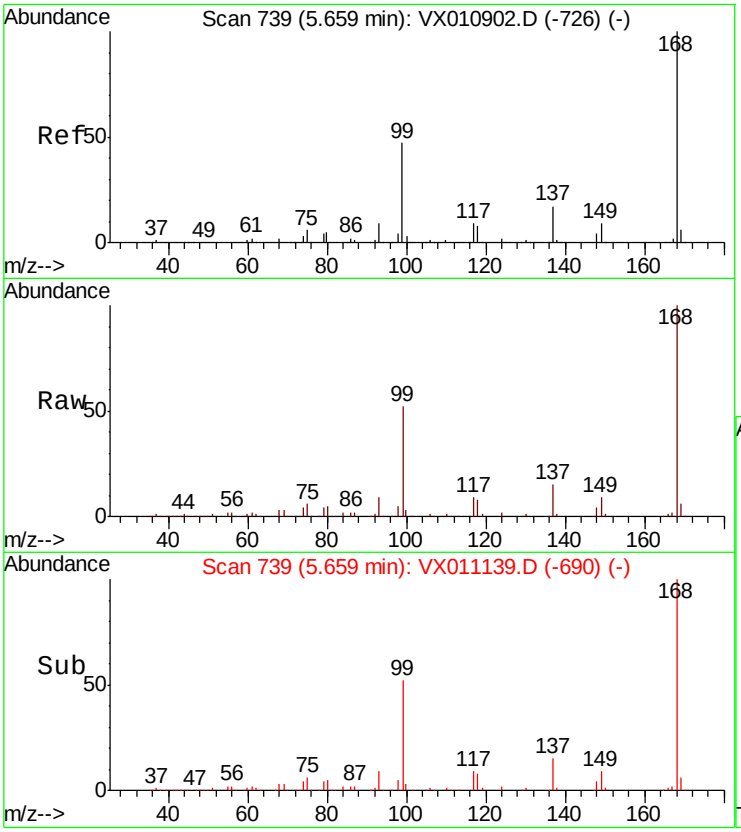
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011139.D
Acq On : 29 Jul 2019 12:41
Operator : JC/SP
Sample : K4017-09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Quant Time: Jul 30 05:04:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



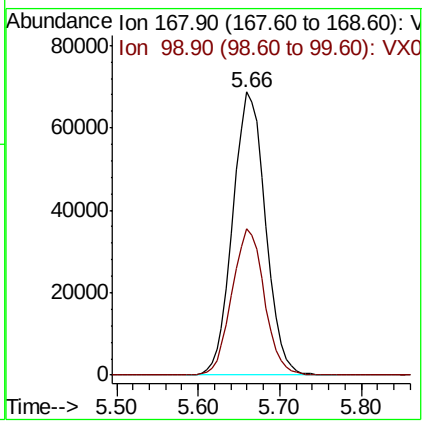


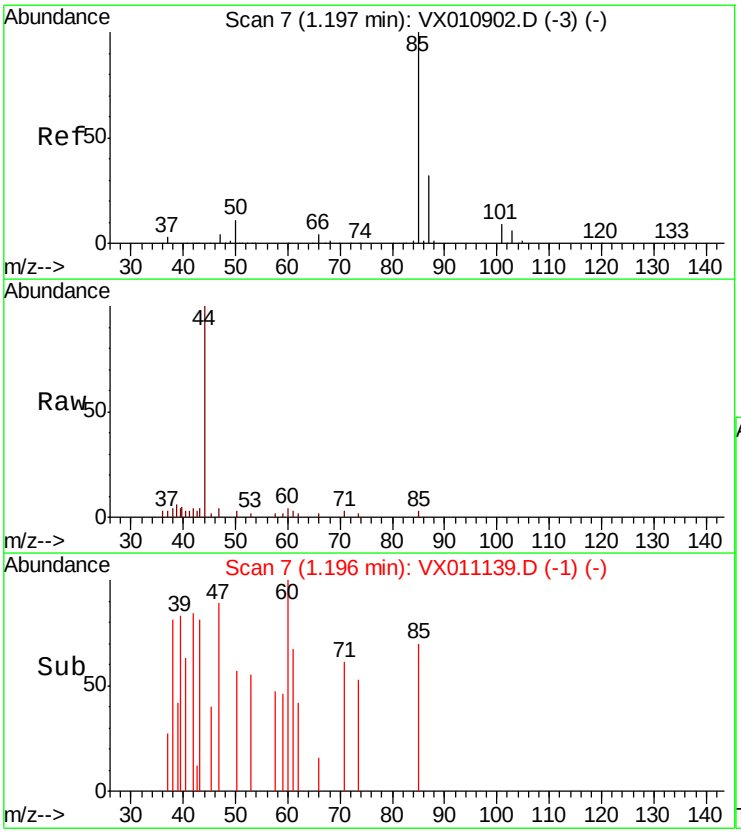
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion:168 Resp: 190964

Ion	Ratio	Lower	Upper
168	100		
99	51.9	37.6	56.4

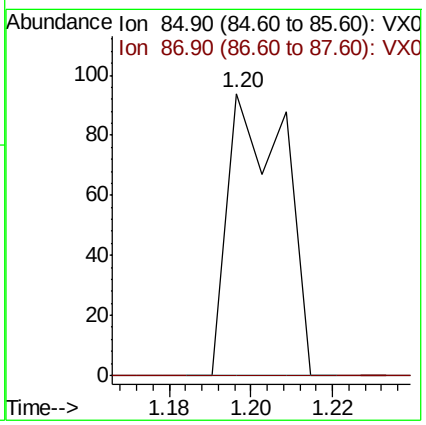


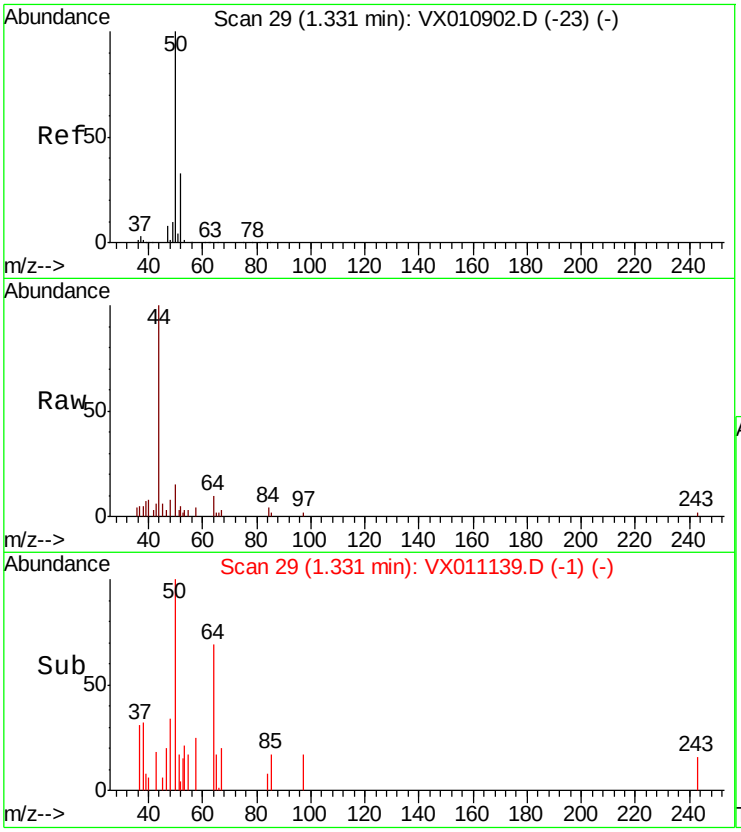


#2
Dichlorodifluoromethane
Concen: 0.591 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 85 Resp: 91

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



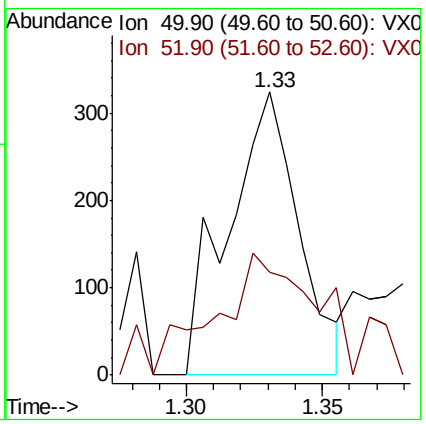


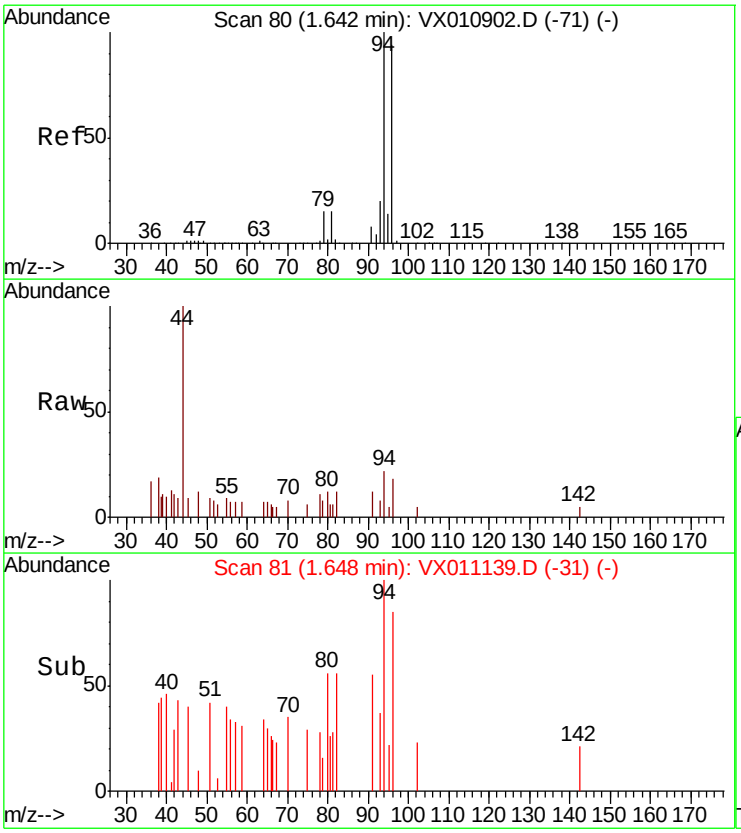
#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 50 Resp: 585

Ion	Ratio	Lower	Upper
50	100		
52	36.1	26.4	39.6

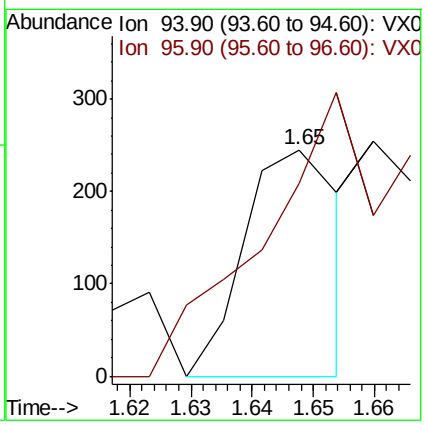


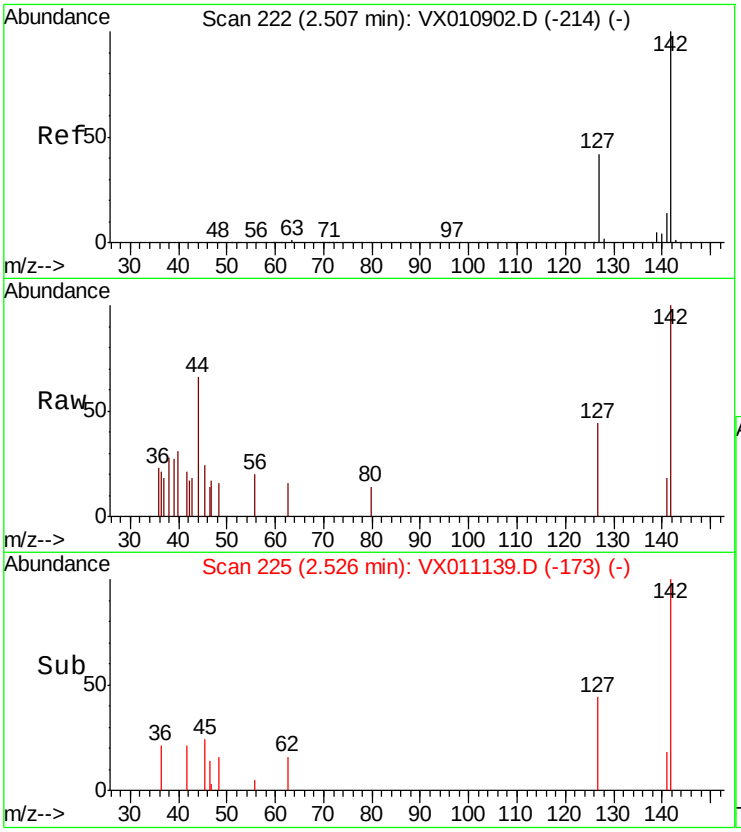


#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 94 Resp: 266

Ion	Ratio	Lower	Upper
94	100		
96	53.5	75.6	113.4#



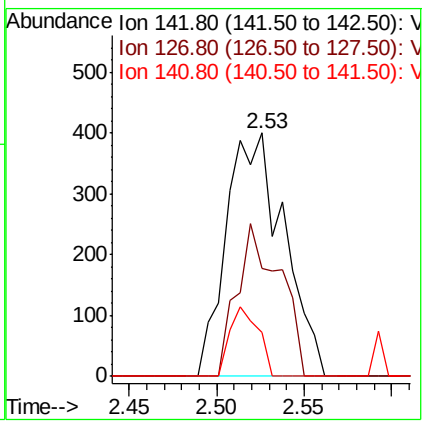


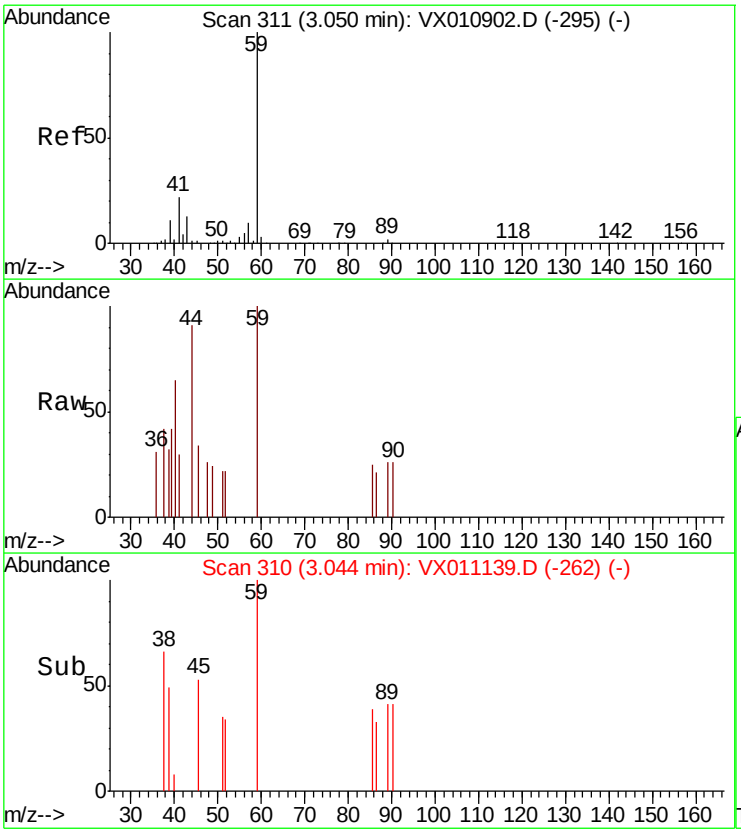
#10
Methyl Iodide
Concen: 0.404 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion:142 Resp: 918

Ion	Ratio	Lower	Upper
142	100		
127	46.5	34.2	51.4
141	14.1	11.7	17.5

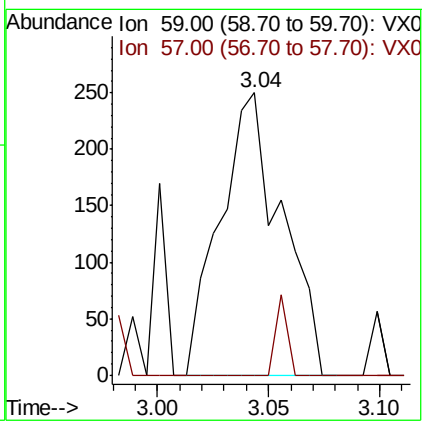


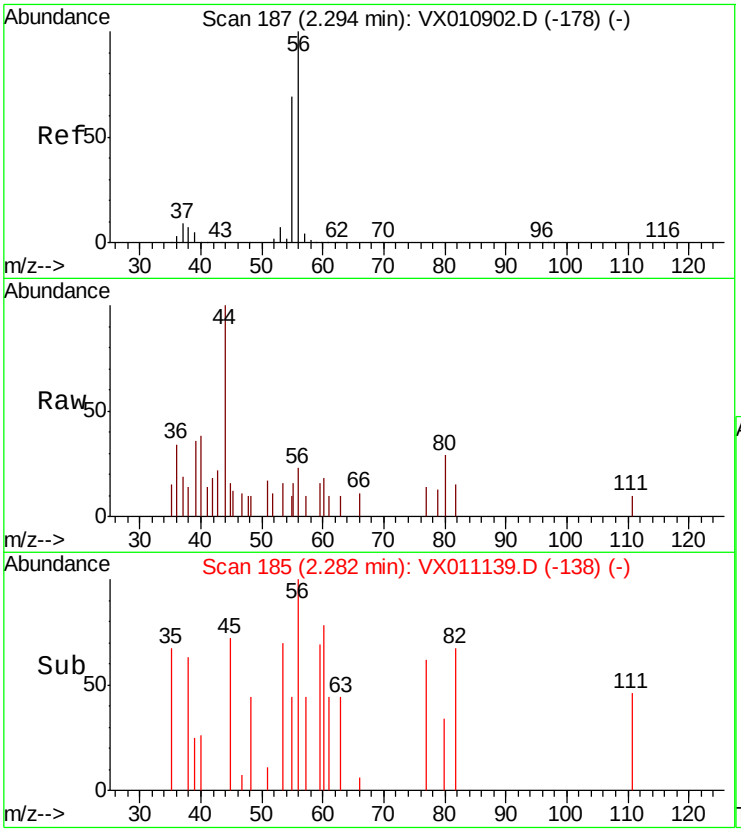


#11
Tert butyl alcohol
Concen: 1.019 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 59 Resp: 482

Ion	Ratio	Lower	Upper
59	100		
57	5.4	7.9	11.9#



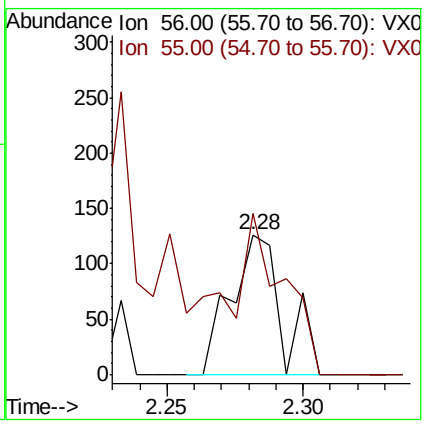


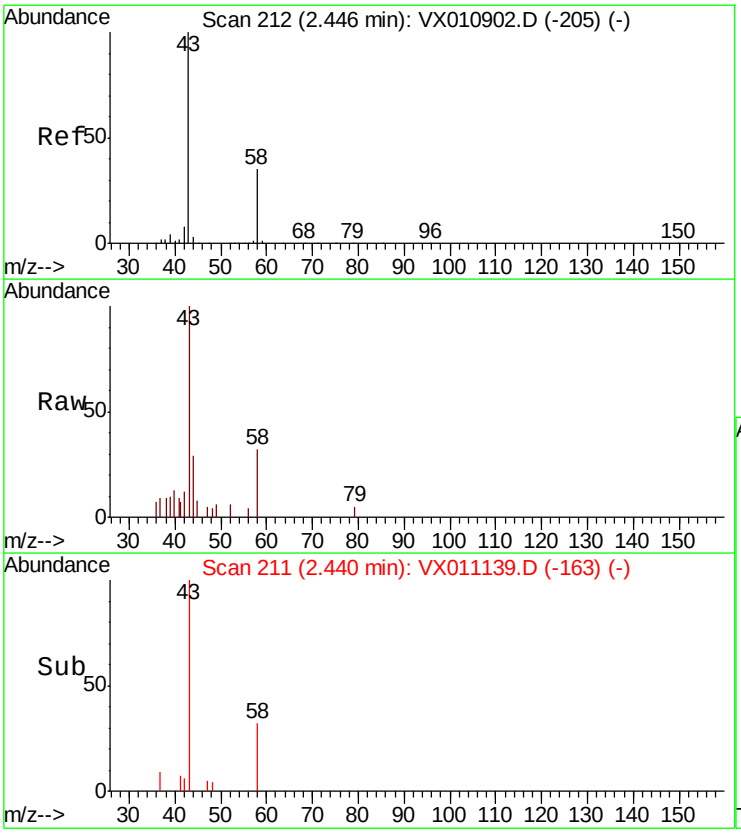
#13
Acrolein
Concen: 0.607 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 56 Resp: 166

Ion	Ratio	Lower	Upper
56	100		
55	111.4	55.9	83.9#

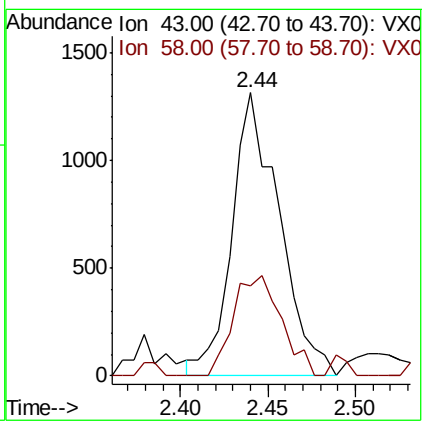


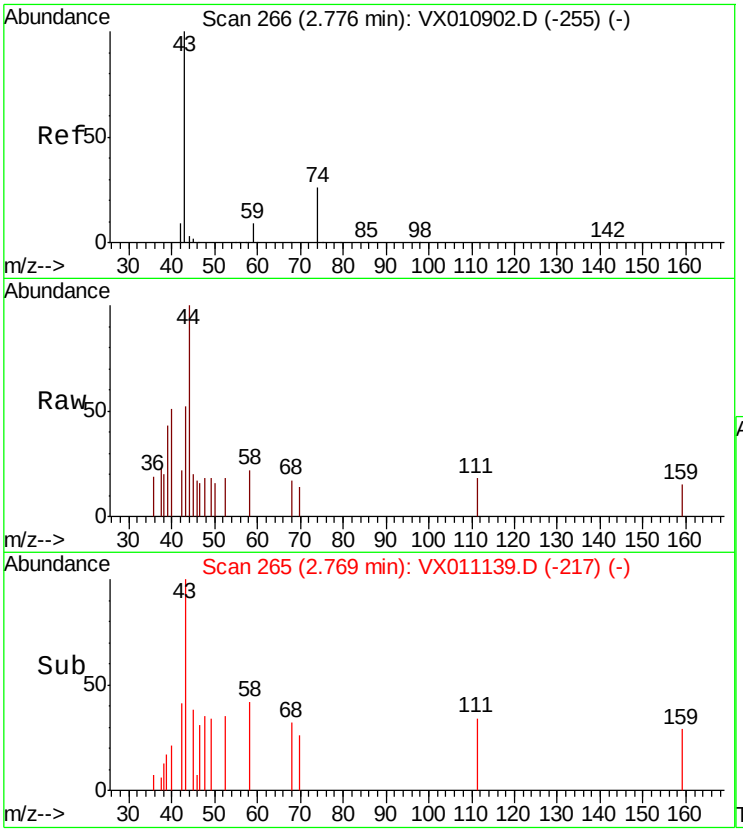


#16
Acetone
Concen: 2.695 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 43 Resp: 2473

Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.7	41.5



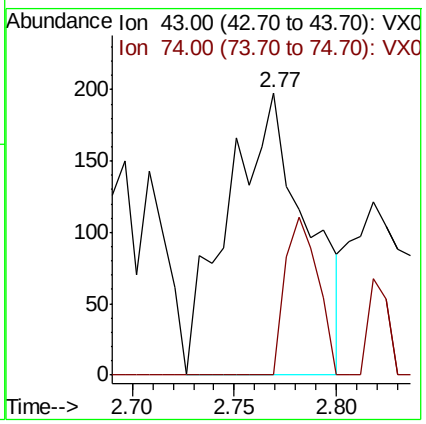


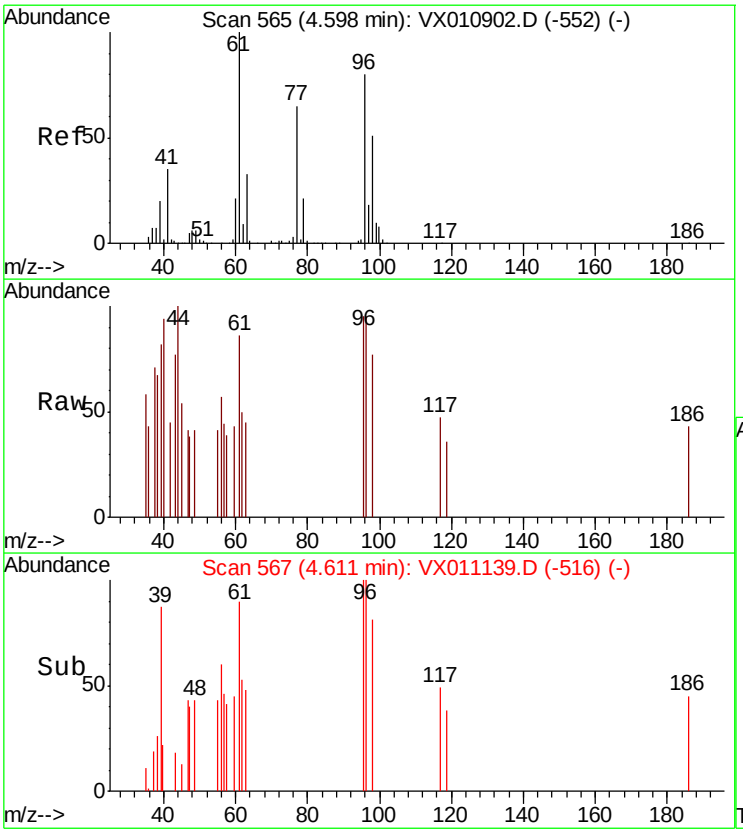
#18
Methyl Acetate
Concen: 0.252 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 43 Resp: 526

Ion	Ratio	Lower	Upper
43	100		
74	23.4	21.5	32.3

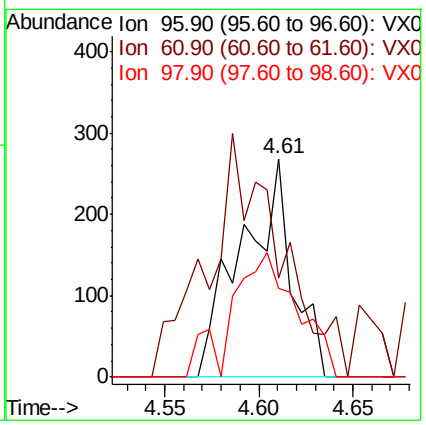


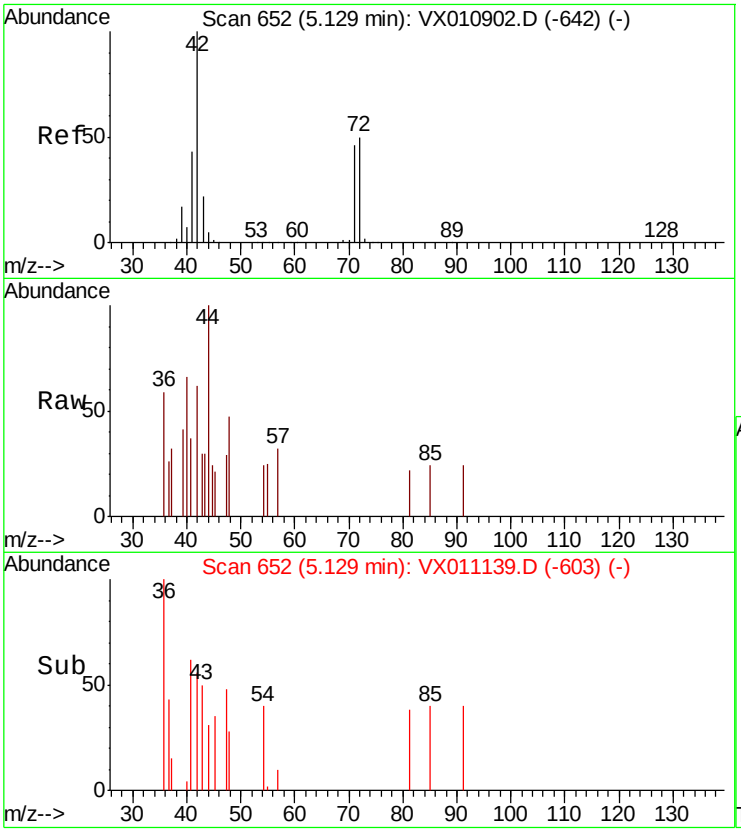


#27
cis-1,2-Dichloroethene
Concen: 0.240 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 96 Resp: 501

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	269.0
98	74.1	0.0	131.4



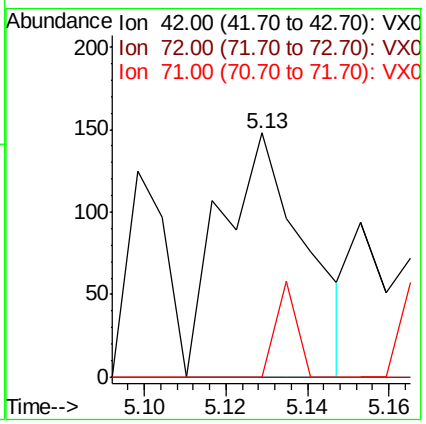


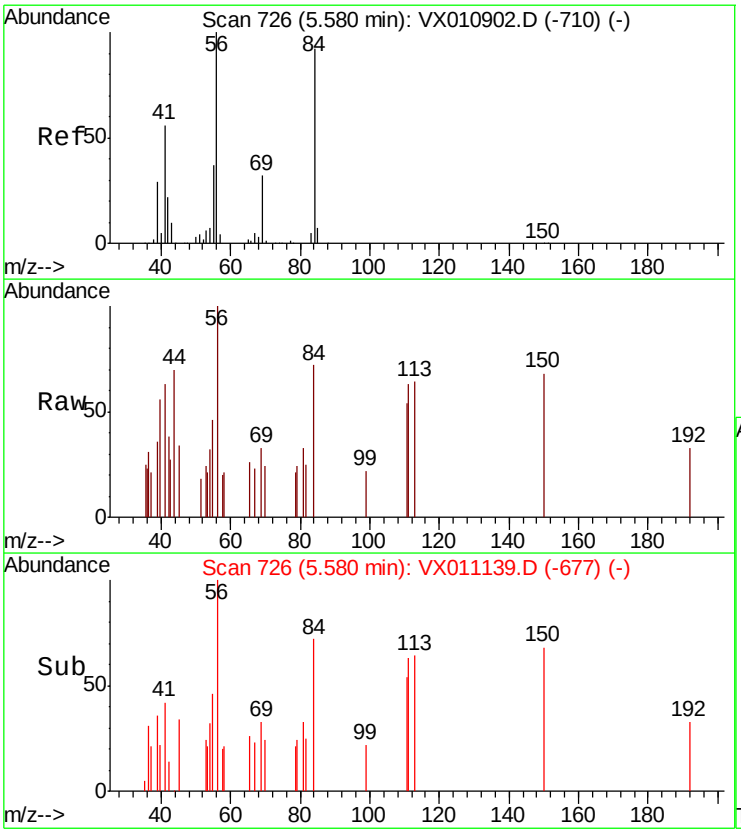
#29
Tetrahydrofuran
Concen: 0.252 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 42 Resp: 210

Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.8	59.8#
71	10.0	37.0	55.4#

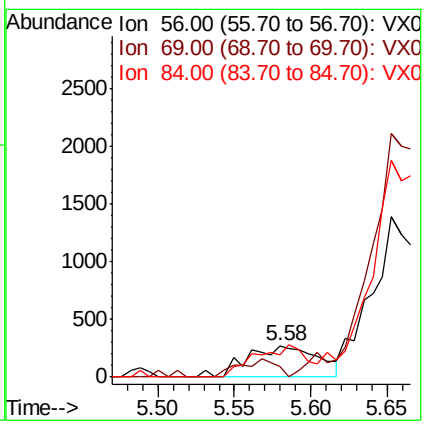


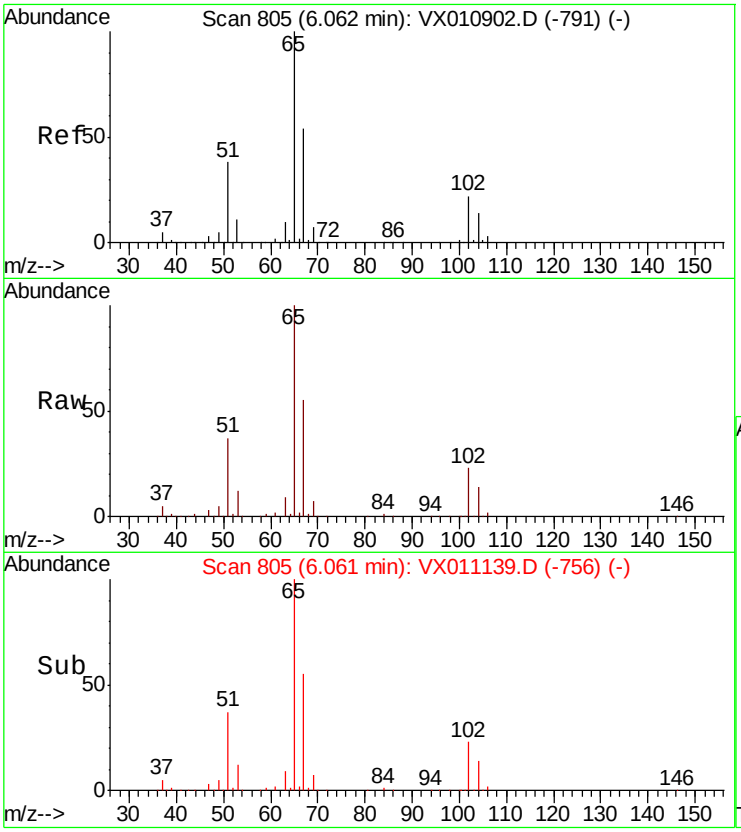


#31
Cyclohexane
Concen: 0.315 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 56 Resp: 870

Ion	Ratio	Lower	Upper
56	100		
69	57.7	25.8	38.8#
84	72.1	73.8	110.6#



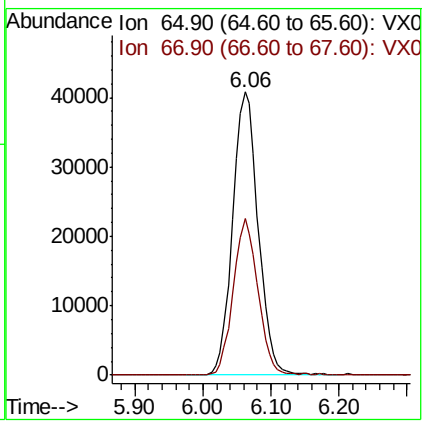


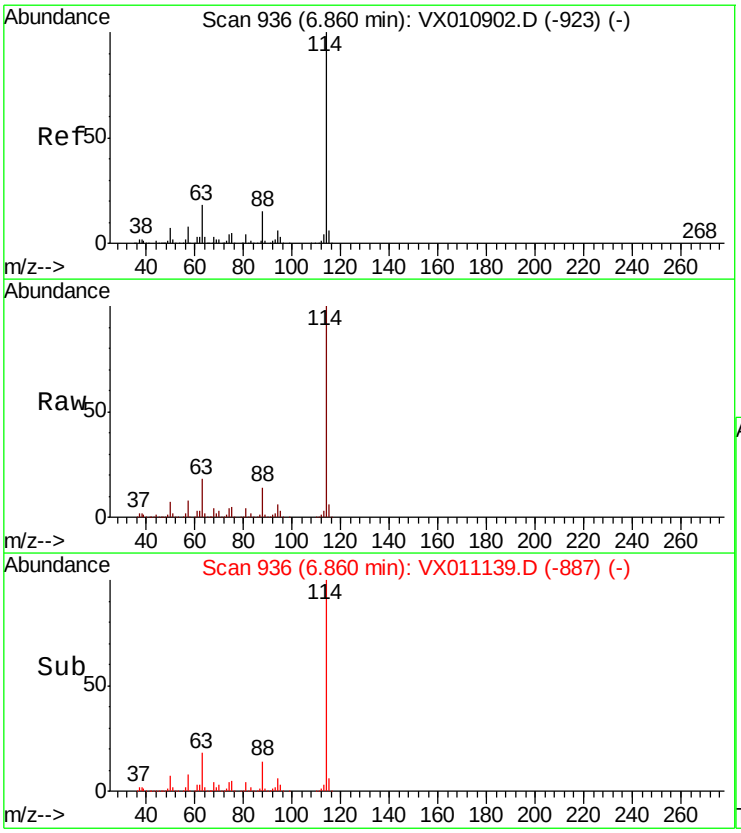
#33
1,2-Dichloroethane-d4
Concen: 52.384 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 65 Resp: 106422

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.8

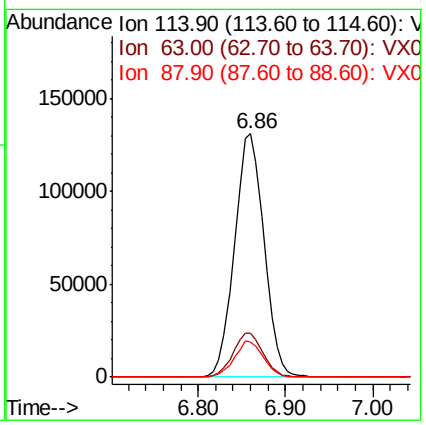


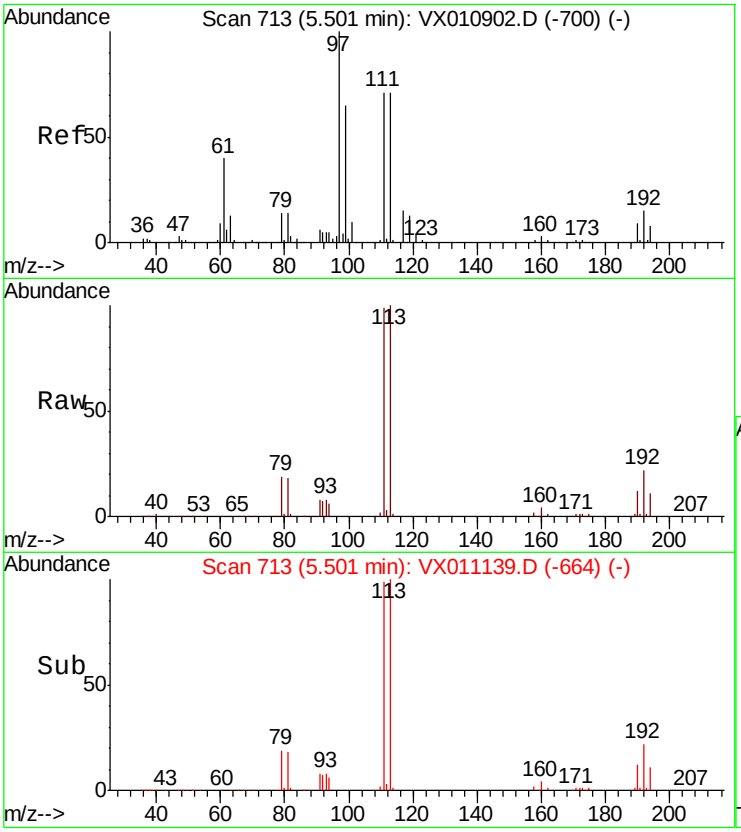


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion:114 Resp: 308119

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.4	0.0	29.8



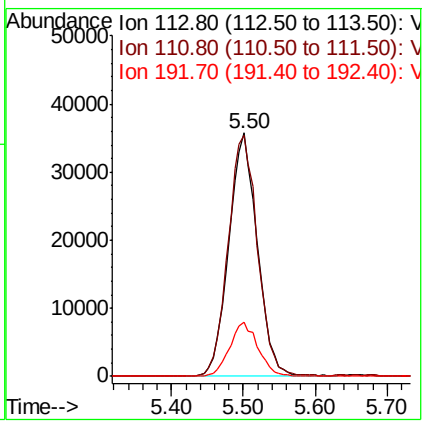


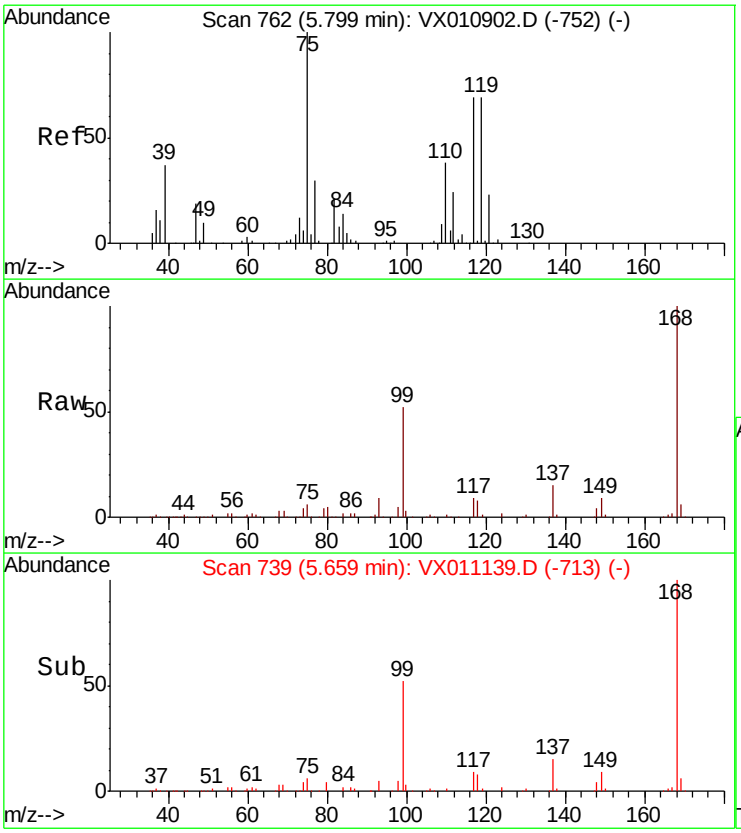
#35
Dibromofluoromethane
Concen: 50.423 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion:113 Resp: 98613

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	21.9	17.4	26.2

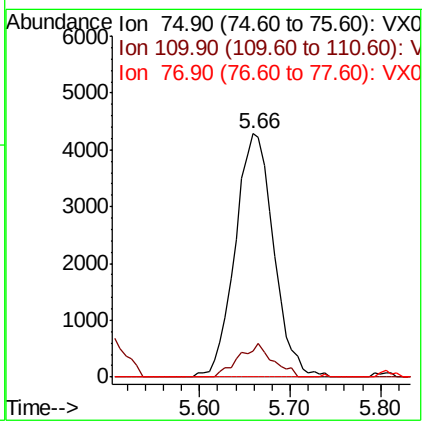


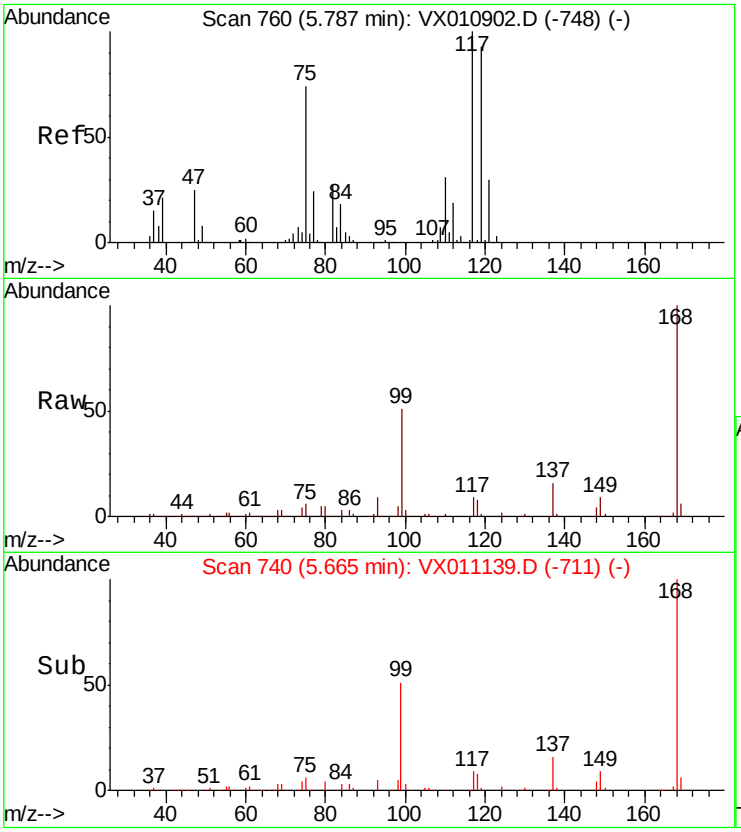


#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 75 Resp: 12567

Ion	Ratio	Lower	Upper
75	100		
110	12.2	19.9	59.7#
77	0.0	25.0	37.4#



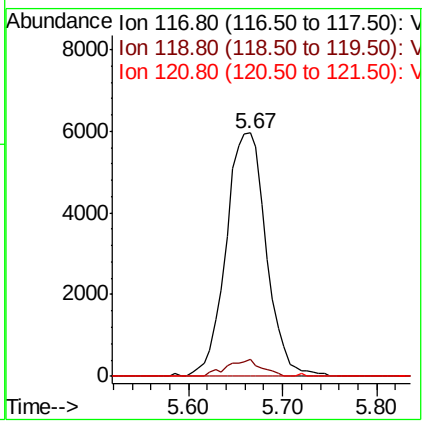


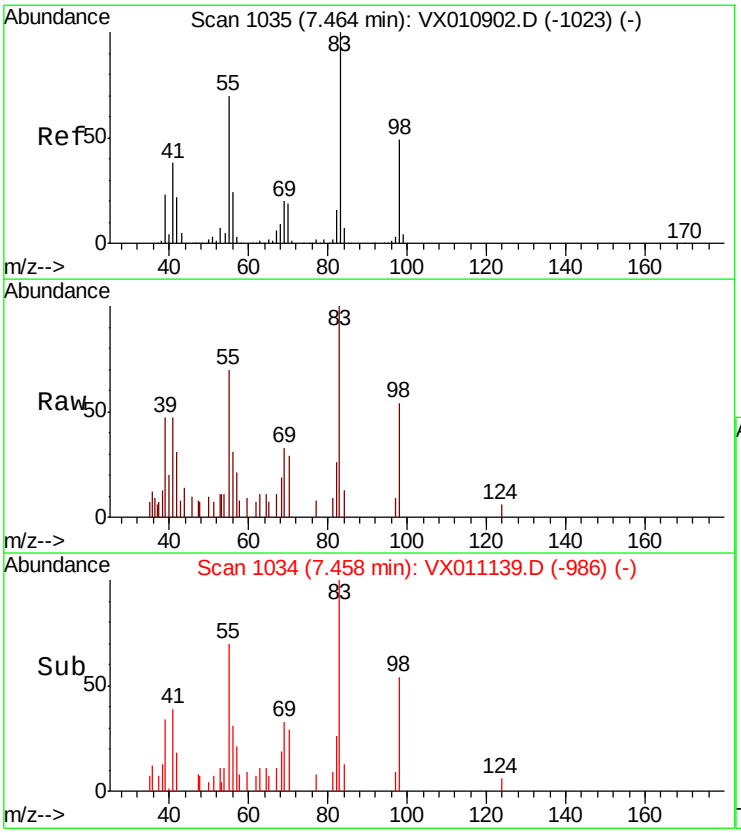
#38
Carbon Tetrachloride
Concen: 6.706 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0102

Tgt Ion:117 Resp: 17686

Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.2	111.2#
121	0.0	24.2	36.2#

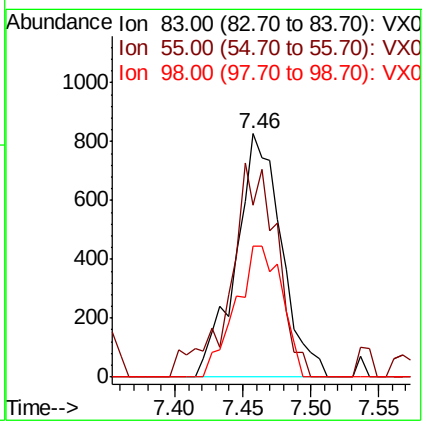


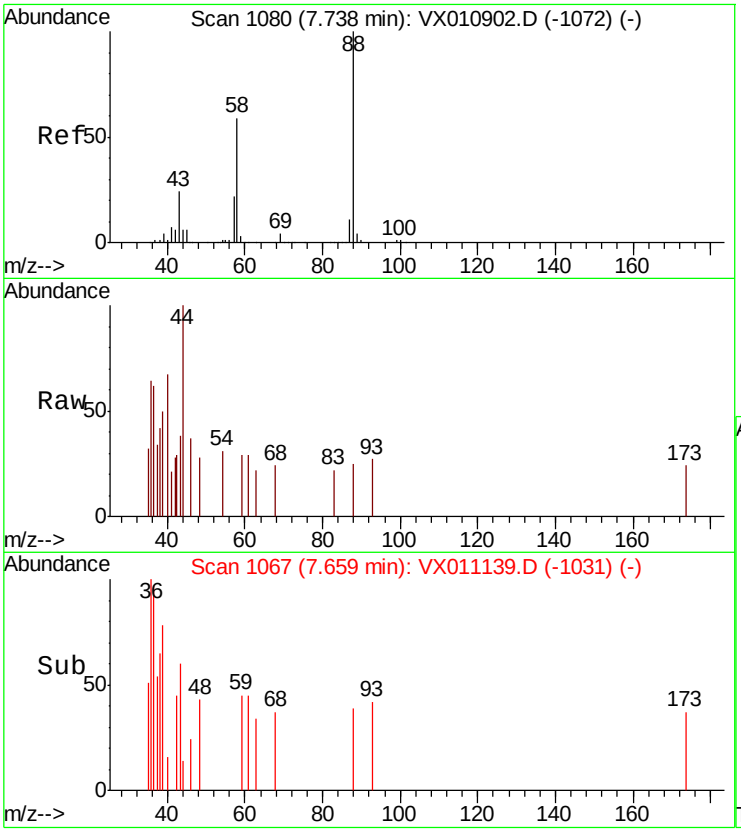


#39
Methylcyclohexane
Concen: 0.592 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 83 Resp: 1942

Ion	Ratio	Lower	Upper
83	100		
55	70.4	56.2	84.4
98	53.6	39.0	58.4



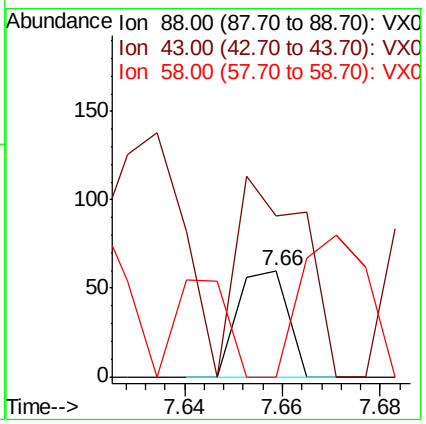


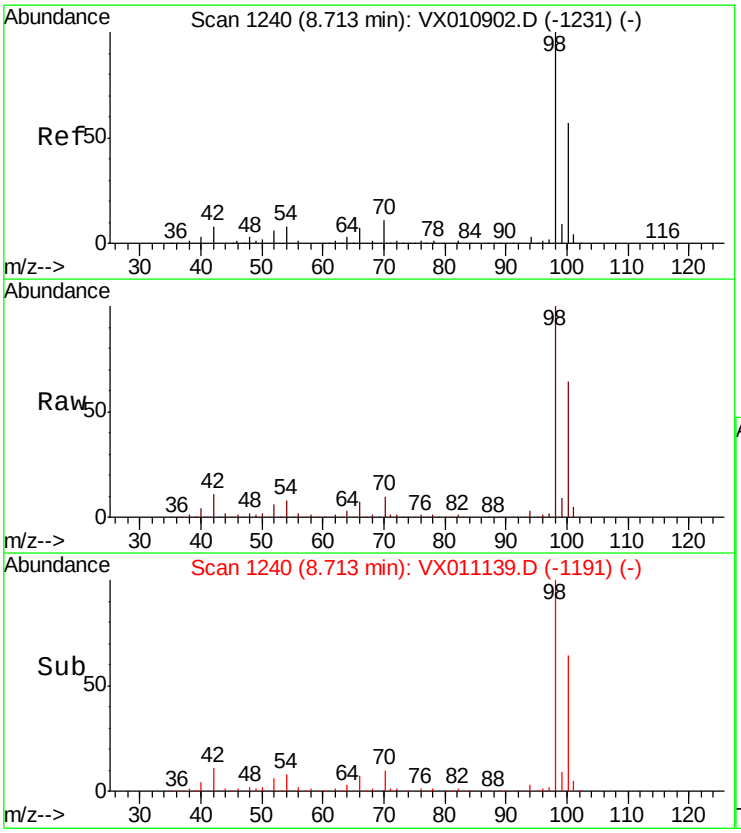
#49
1,4-Dioxane
Concen: 0.723 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.08 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	259.5	22.9	34.3#
58	0.0	49.8	74.8#

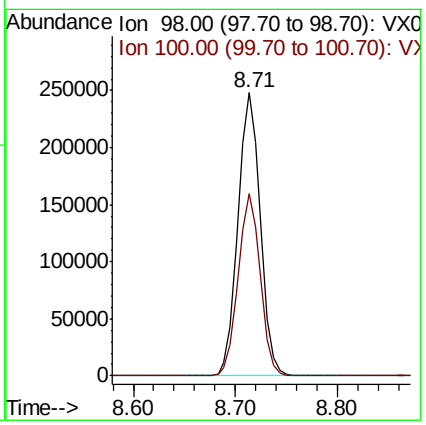


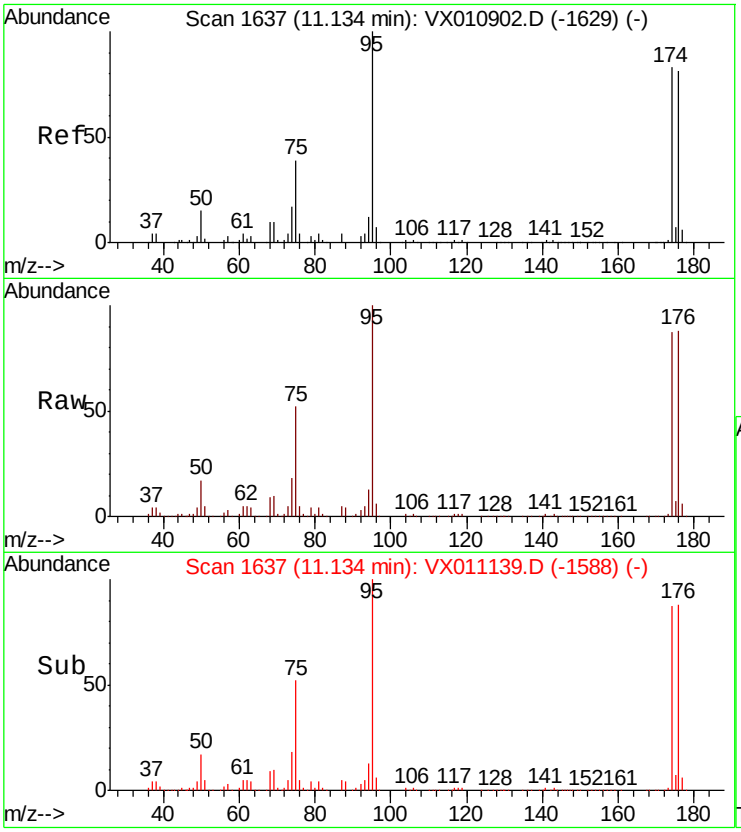


#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 98 Resp: 372857

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8



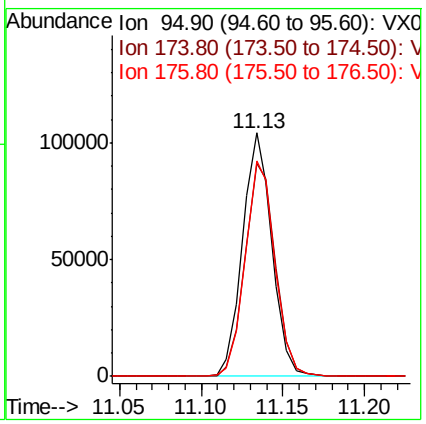


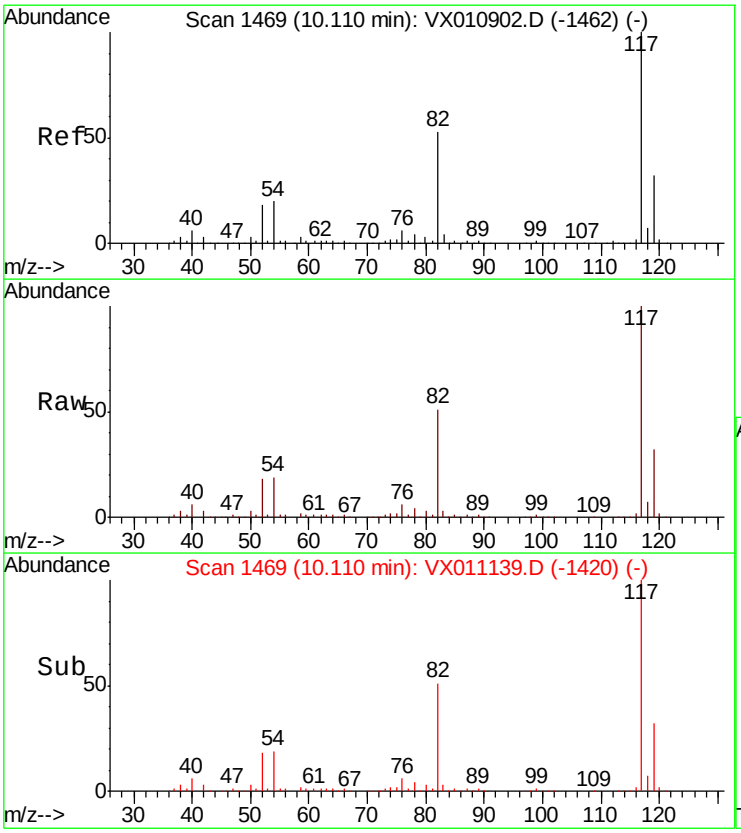
#62
4-Bromofluorobenzene
Concen: 48.606 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 95 Resp: 131050

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.6
176	89.6	0.0	173.8

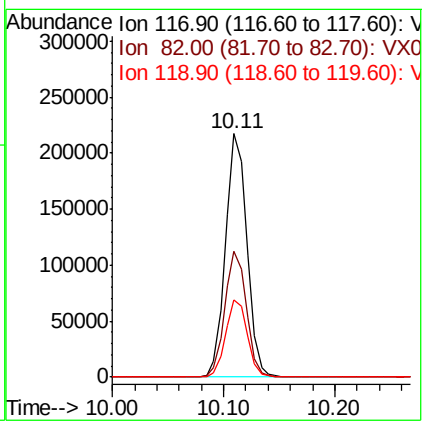


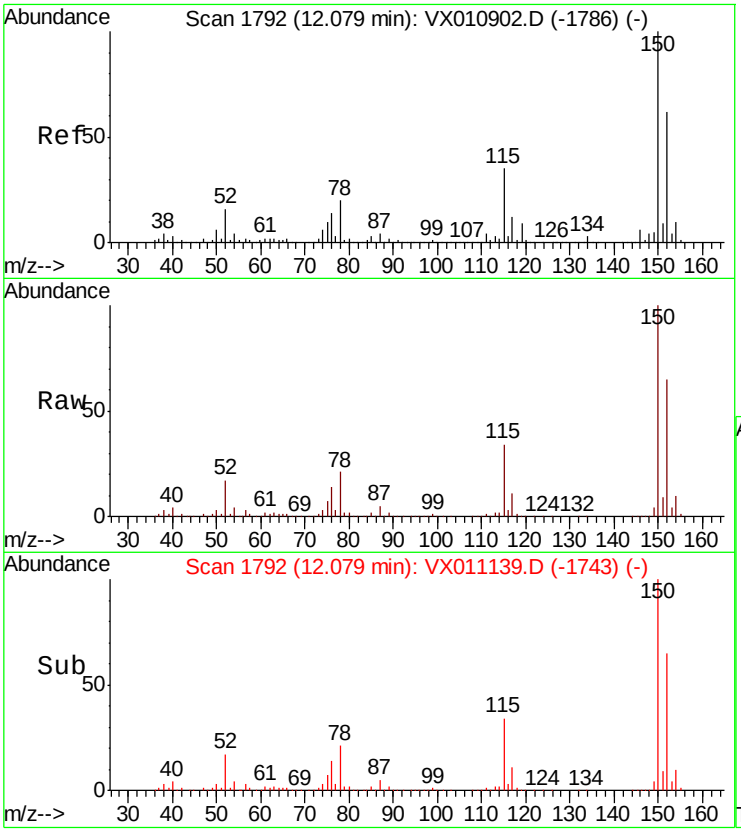


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion:117 Resp: 290205

Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.6	63.8
119	31.7	25.9	38.9



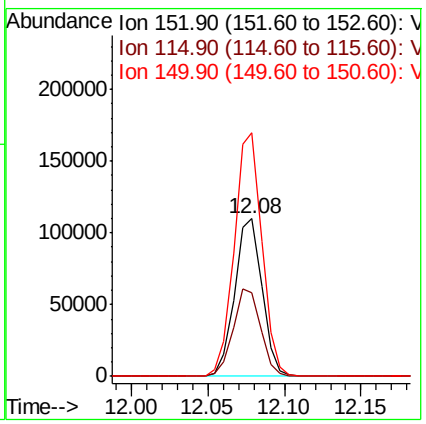


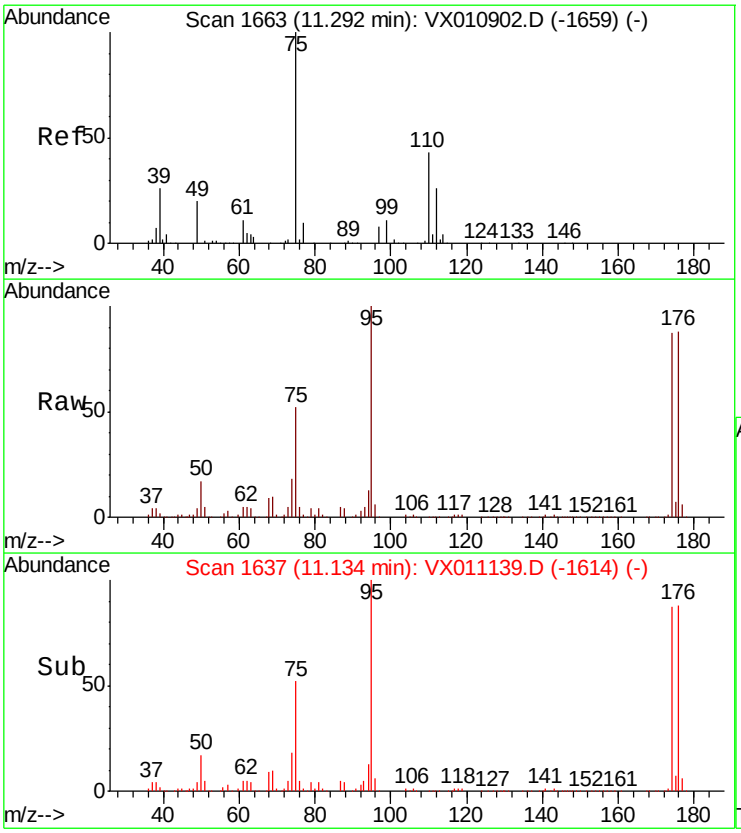
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion:152 Resp: 136300

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.7	119.1
150	156.4	0.0	345.6

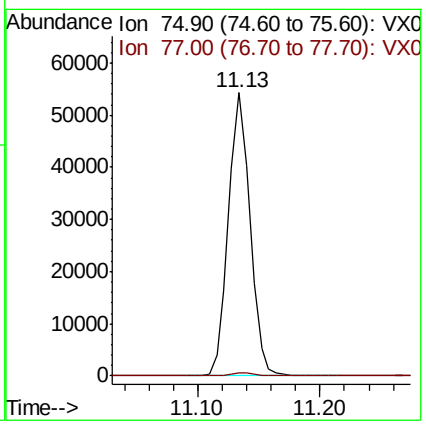


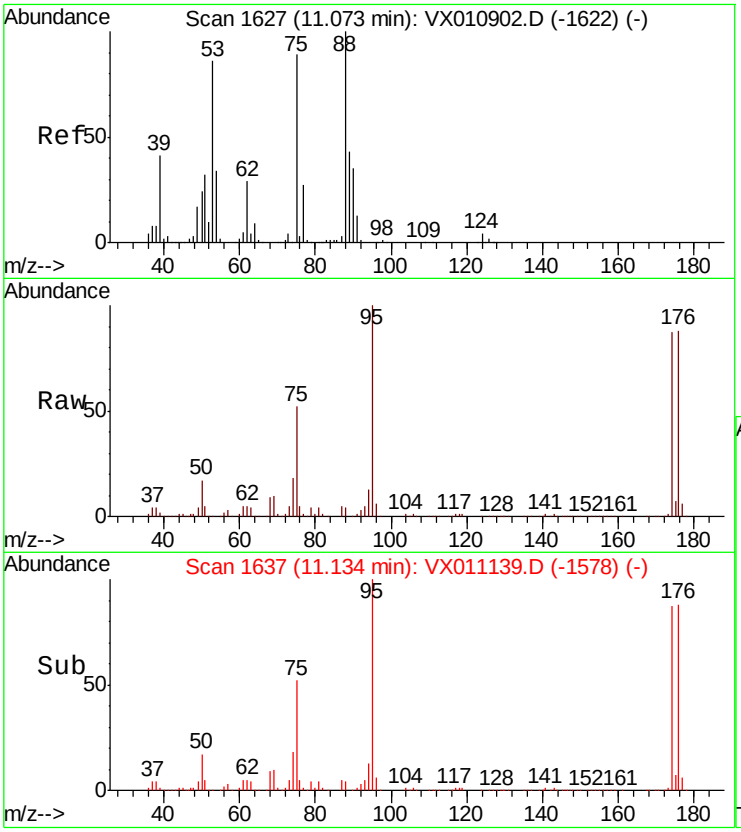


#76
1,2,3-Trichloropropane
Concen: 26.942 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Tgt Ion: 75 Resp: 66267

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.806 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011139.D
Acq: 29 Jul 2019 12:41

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0102

Tgt Ion: 75 Resp: 66267

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.5	57.7#