Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011145.D
Acq On : 29 Jul 2019 15:02
Operator : JC/SP
Sample : K4018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0414

Quant Time: Jul 30 05:06:17 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	5.67	168	180217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100955	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
35) Dibromofluoromethane	5.50	113	91218	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.78%			
50) Toluene-d8	8.71	98	350388	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.13	95	124223	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.43	85	20	0.557	ug/l #	43
3) Chloromethane	1.33	50	388	0.234	ug/l #	20
5) Bromomethane	1.65	94	541	0.568	ug/l #	76
6) Chloroethane	1.76	64	594	0.553	ug/l #	50
10) Methyl Iodide	2.53	142	445	0.208	ug/l #	90
11) Tert butyl alcohol	3.05	59	535	1.198	ug/l #	91
13) Acrolein	2.30	56	170	0.659	ug/l #	15
16) Acetone	2.45	43	2945	3.401	ug/l	93
25) 2-Butanone	4.68	43	319	0.257	ug/l #	46
29) Tetrahydrofuran	5.10	42	174	0.221	ug/l #	37
31) Cyclohexane	5.65	56	3197	1.228	ug/l #	42
36) 1,1-Dichloropropene	5.67	75	12204	5.106	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17058	6.849	ug/l #	18
49) 1,4-Dioxane	7.89	88	44	0.802	ug/l #	5
52) Toluene	8.78	92	1467	0.305	ug/l	97
60) Dibromochloromethane	9.77	129	22	2.537	ug/l #	11
76) 1,2,3-Trichloropropane	11.13	75	62007	27.069	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	62007	67.102	ug/l #	11

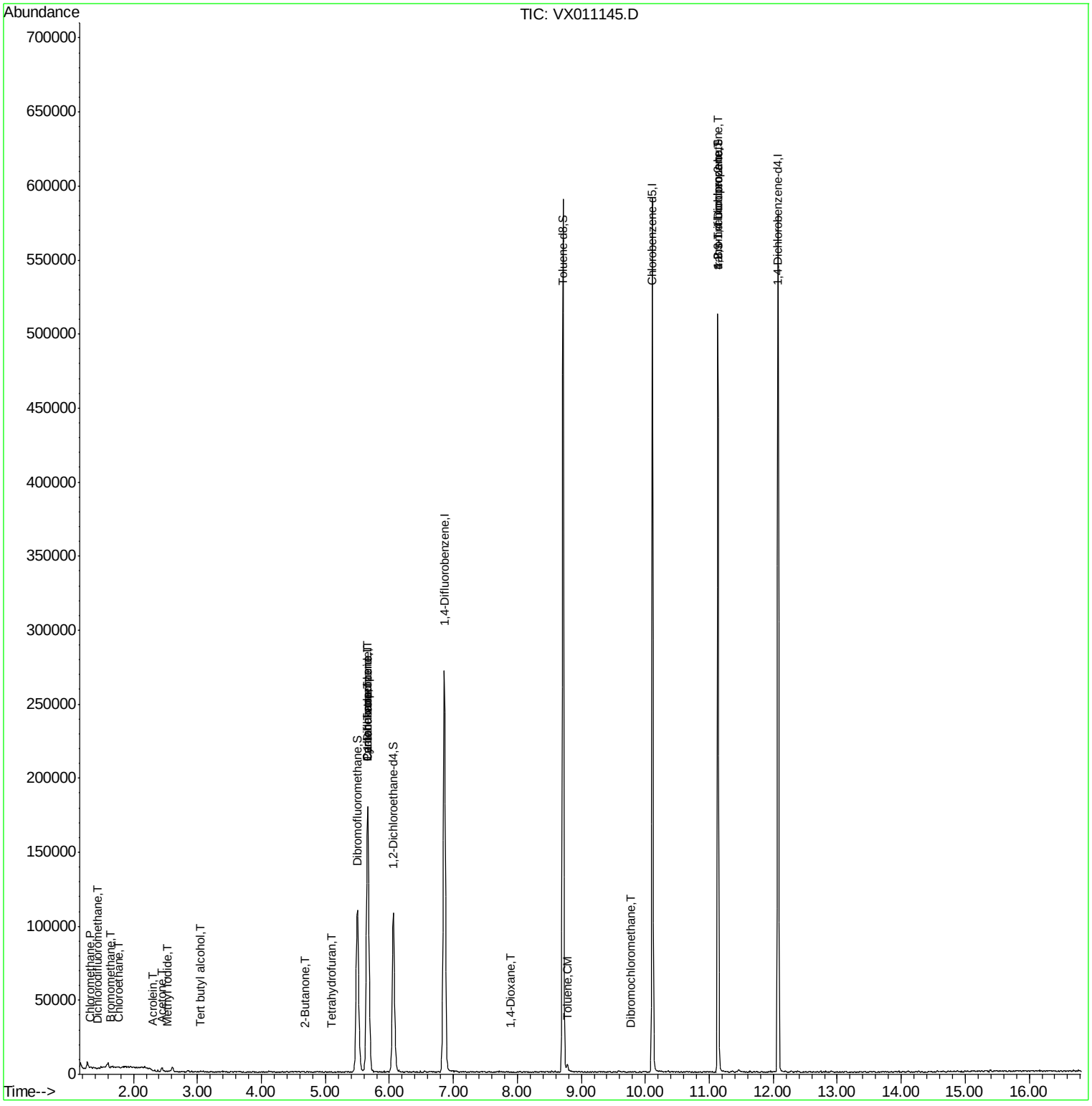
(#) = qualifier out of range (m) = manual integration (+) = signals summed

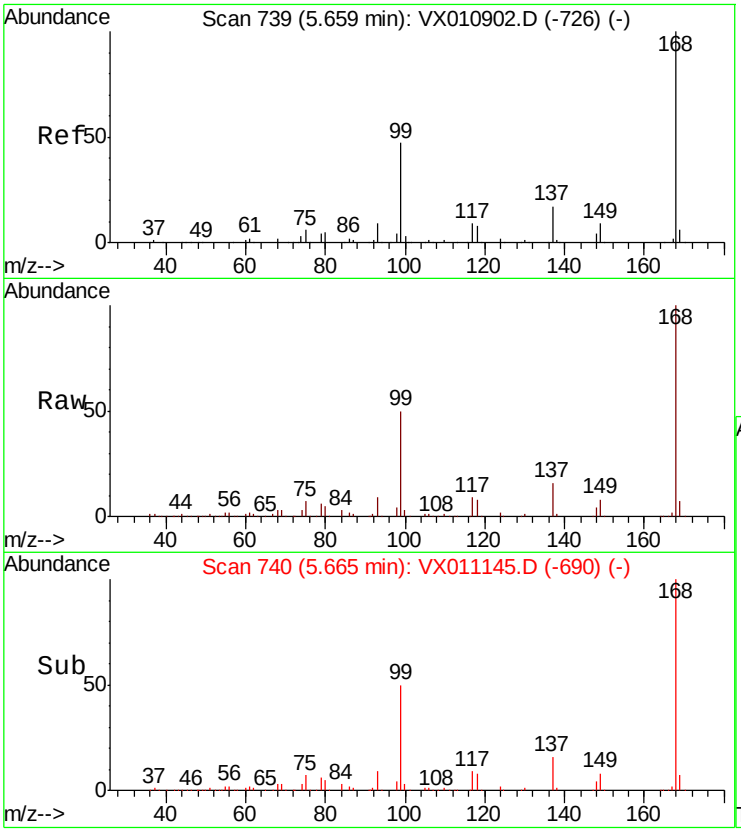
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011145.D
Acq On : 29 Jul 2019 15:02
Operator : JC/SP
Sample : K4018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Quant Time: Jul 30 05:06:17 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



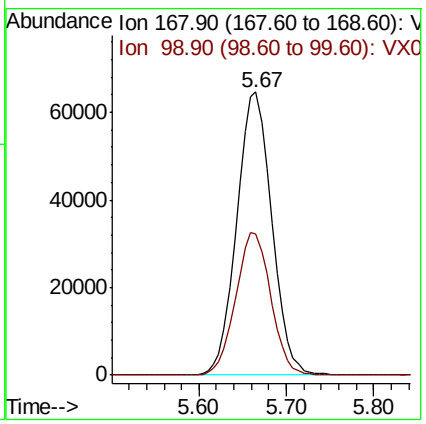


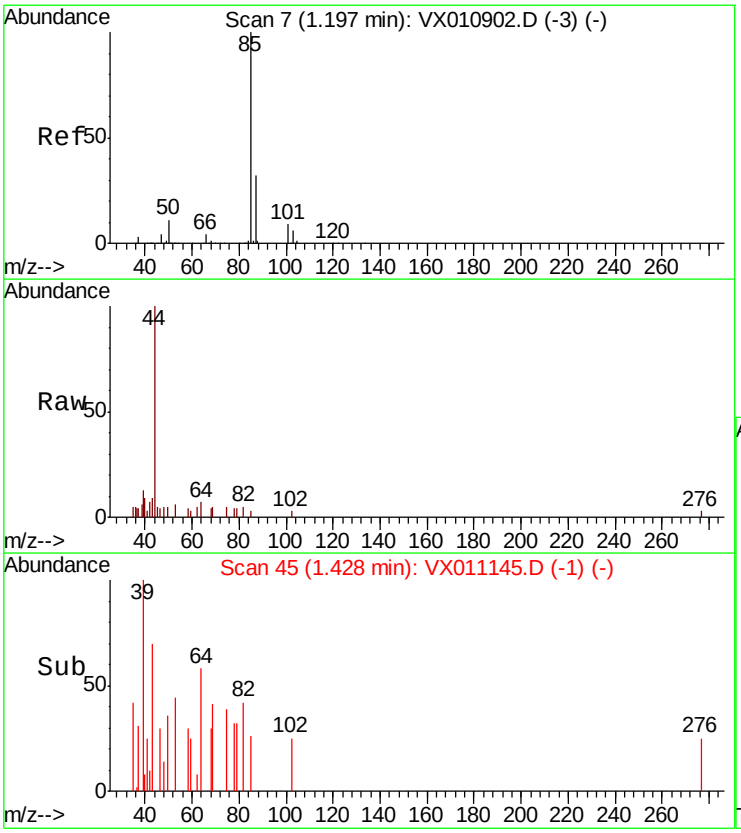
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion:168 Resp: 180217

Ion	Ratio	Lower	Upper
168	100		
99	49.9	37.6	56.4

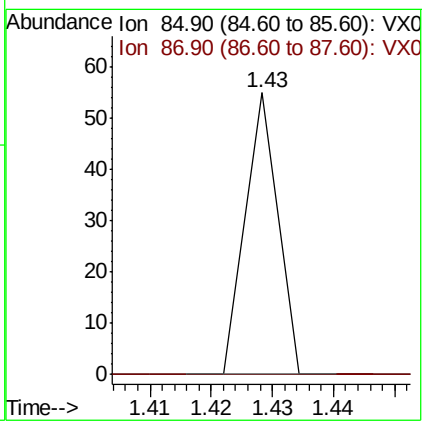


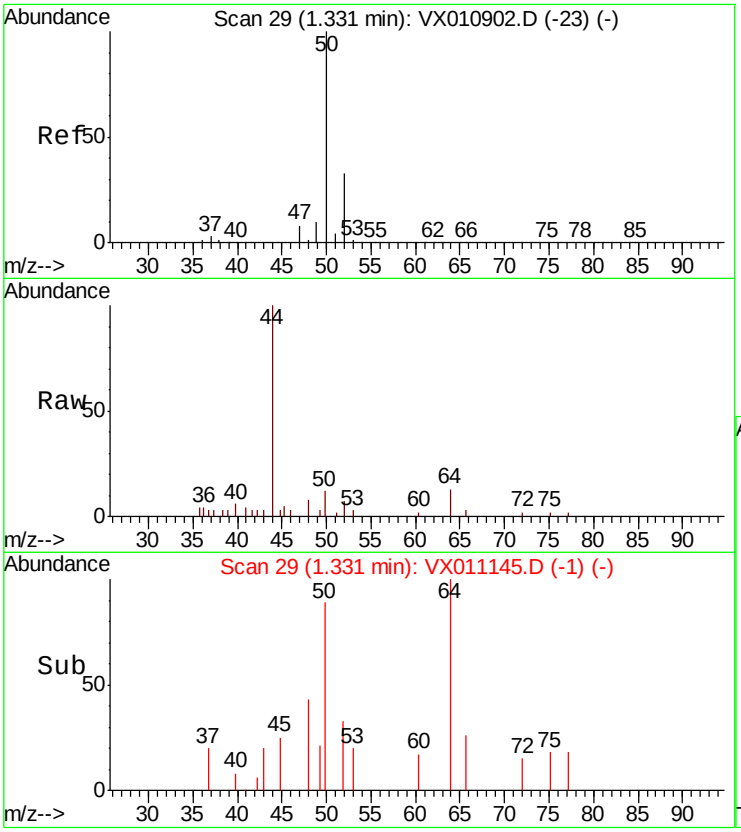


#2
Dichlorodifluoromethane
Concen: 0.557 ug/l
RT: 1.43 min Scan# 45
Delta R.T. 0.23 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 85 Resp: 20

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



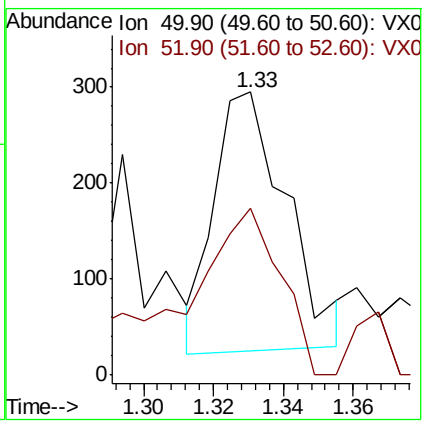


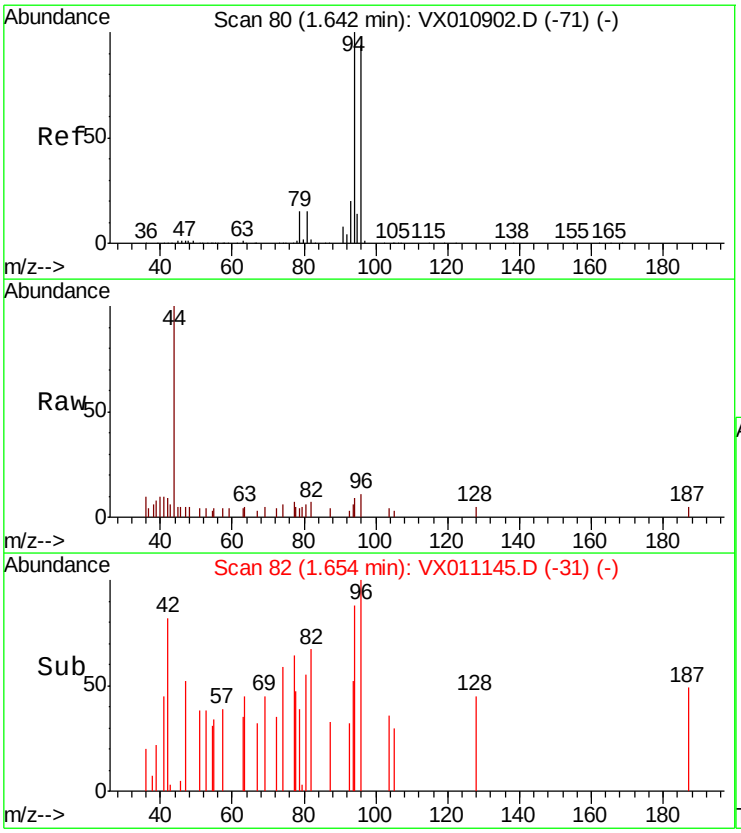
#3
Chloromethane
Concen: 0.234 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 50 Resp: 388

Ion	Ratio	Lower	Upper
50	100		
52	78.0	26.4	39.6#

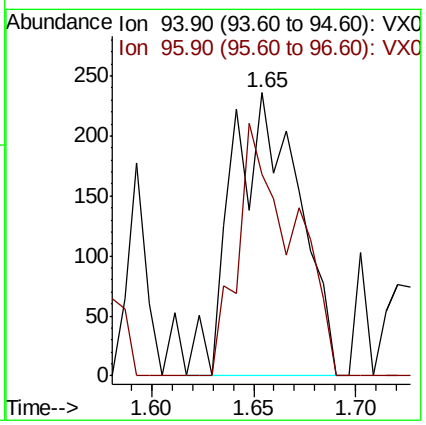


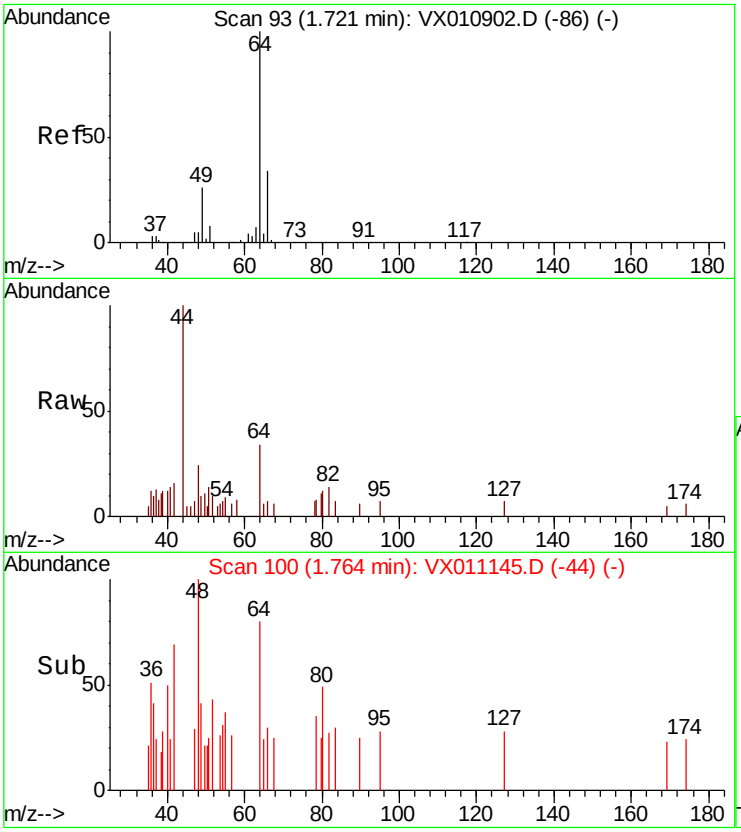


#5
Bromomethane
Concen: 0.568 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 94 Resp: 541

Ion	Ratio	Lower	Upper
94	100		
96	71.2	75.6	113.4#



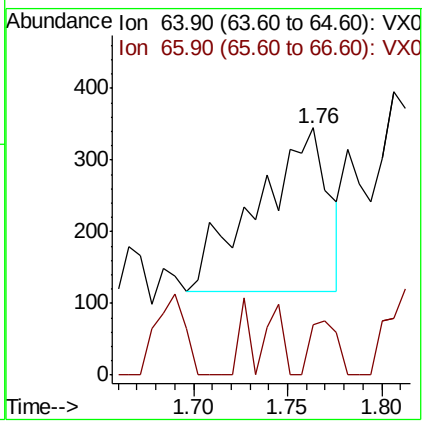


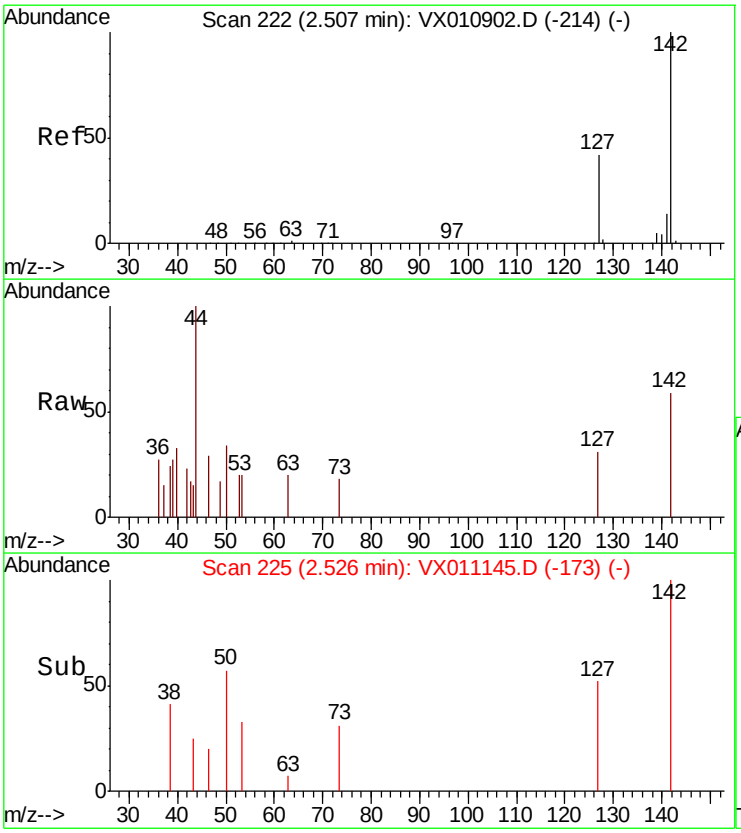
#6
Chloroethane
Concen: 0.553 ug/l
RT: 1.76 min Scan# 100
Delta R.T. 0.04 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0414

Tgt Ion: 64 Resp: 594

Ion	Ratio	Lower	Upper
64	100		
66	5.3	27.0	40.6#

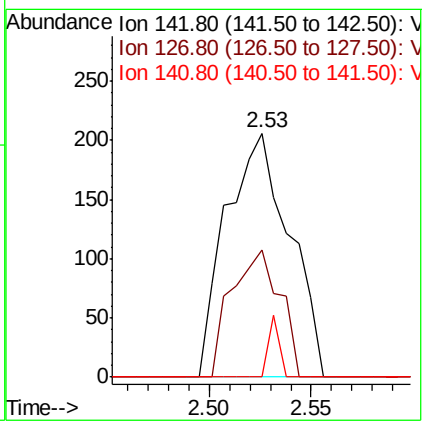


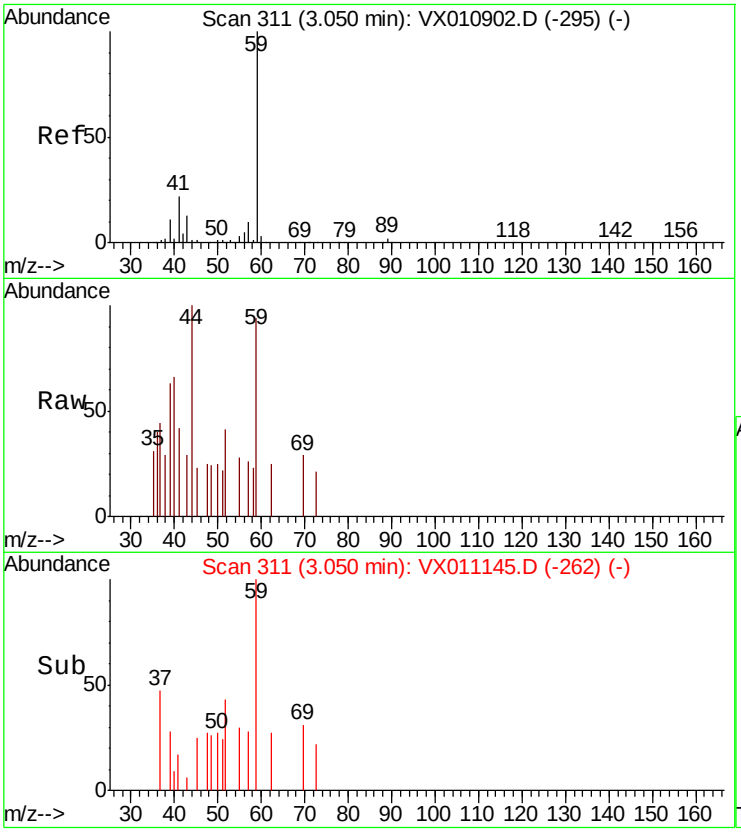


#10
Methyl Iodide
Concen: 0.208 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion:142 Resp: 445

Ion	Ratio	Lower	Upper
142	100		
127	40.0	34.2	51.4
141	4.3	11.7	17.5#



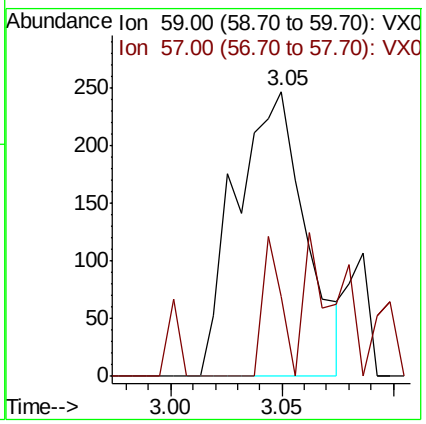


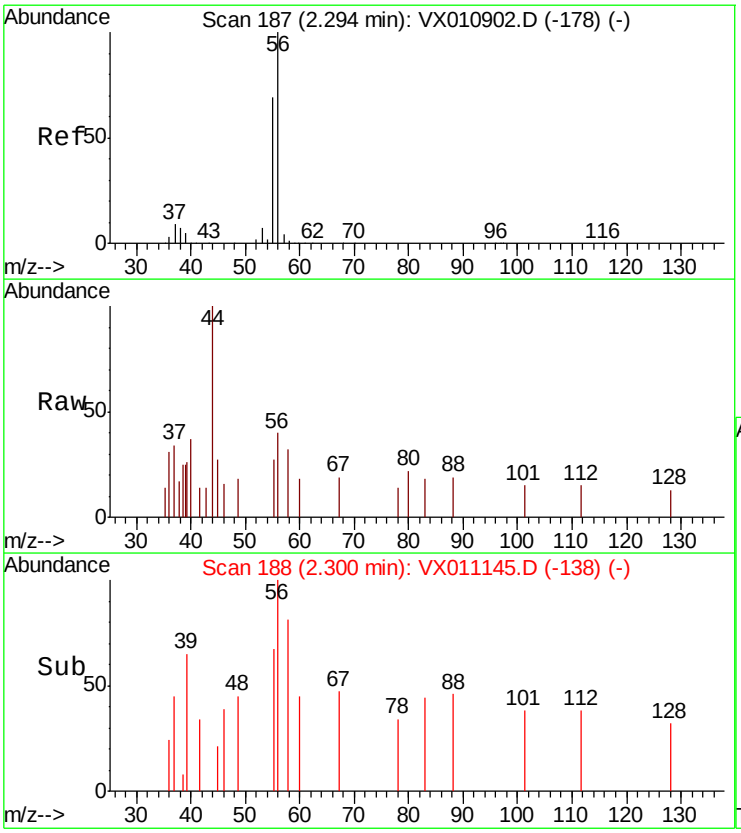
#11
Tert butyl alcohol
Concen: 1.198 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0414

Tgt Ion: 59 Resp: 535

Ion	Ratio	Lower	Upper
59	100		
57	13.1	7.9	11.9#

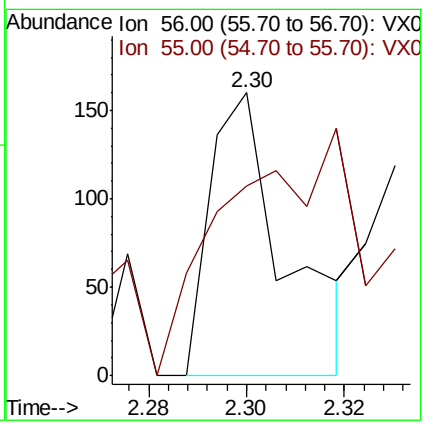


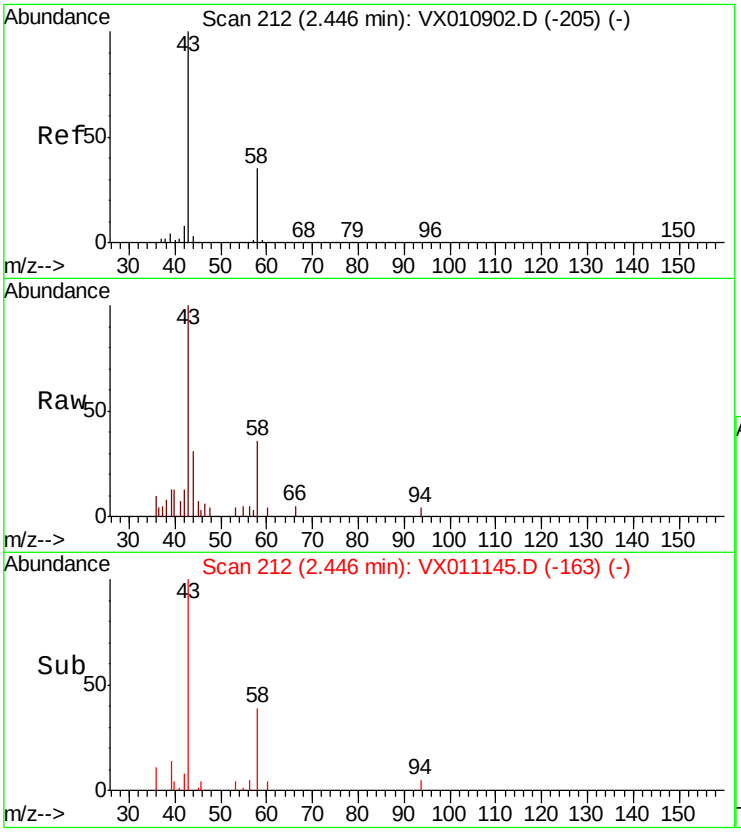


#13
Acrolein
Concen: 0.659 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 56 Resp: 170

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#



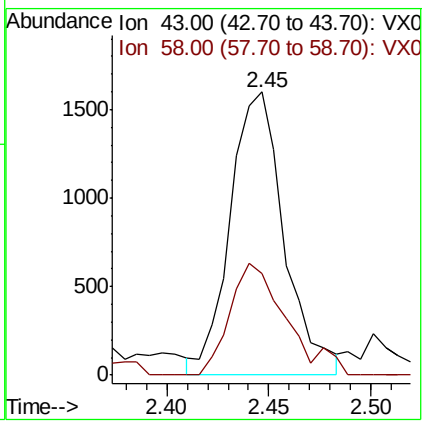


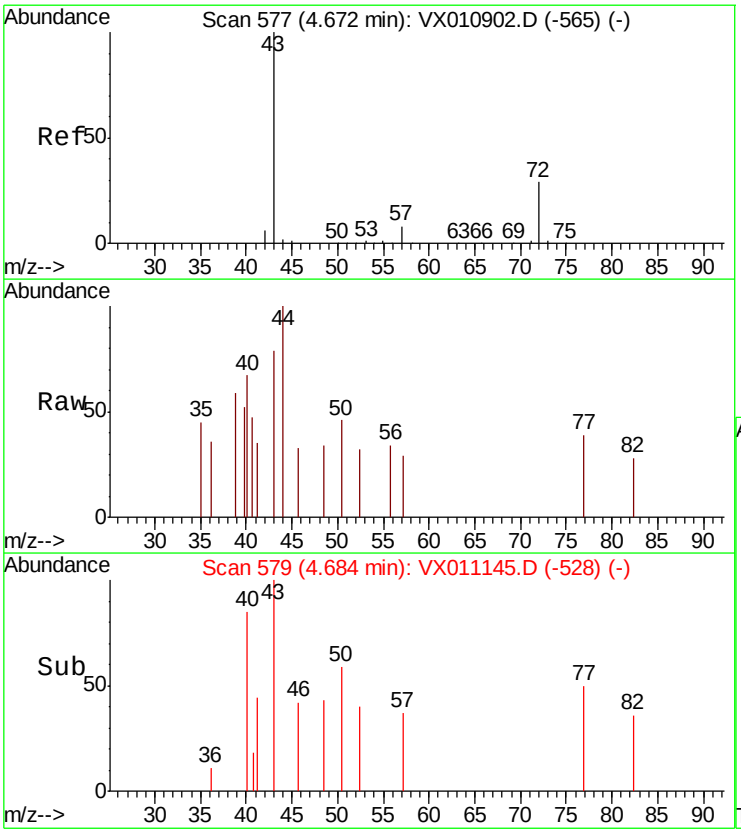
#16
Acetone
Concen: 3.401 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 43 Resp: 2945

Ion	Ratio	Lower	Upper
43	100		
58	38.5	27.7	41.5

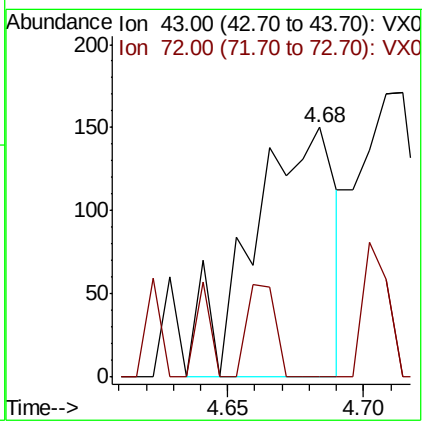


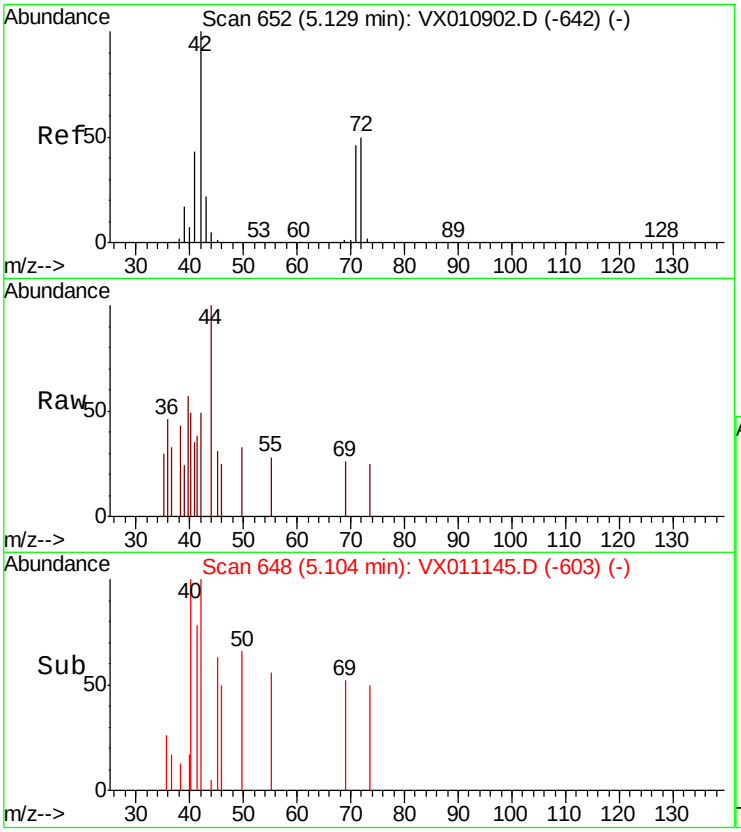


#25
2-Butanone
Concen: 0.257 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 43 Resp: 319

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#



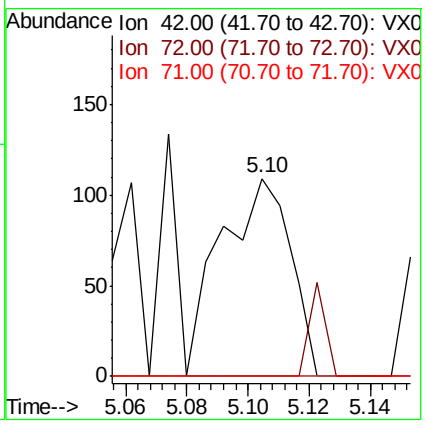


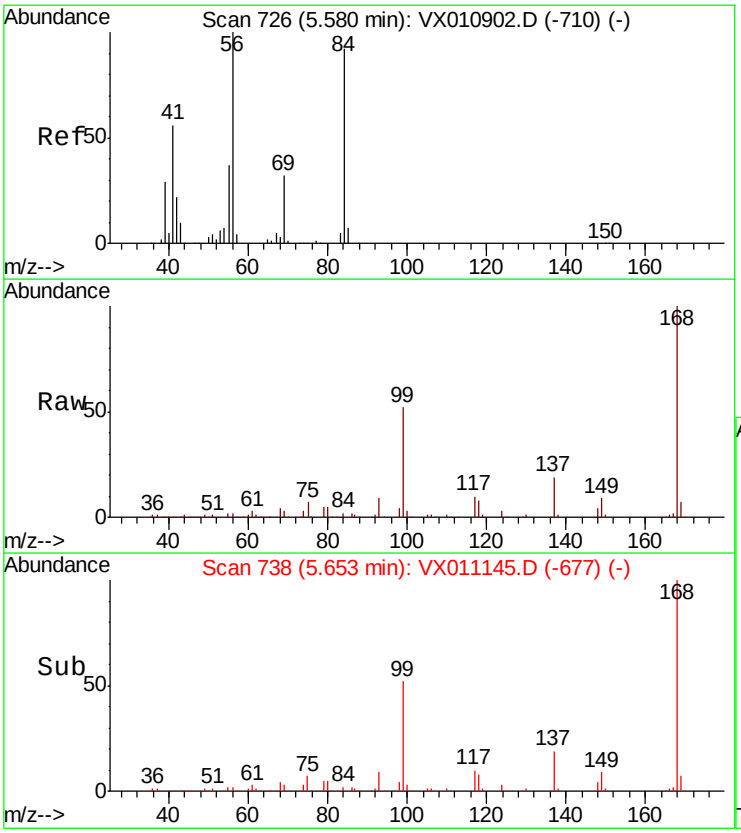
#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 5.10 min Scan# 648
Delta R.T. -0.02 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 42 Resp: 174

Ion	Ratio	Lower	Upper
42	100		
72	10.9	39.8	59.8#
71	0.0	37.0	55.4#

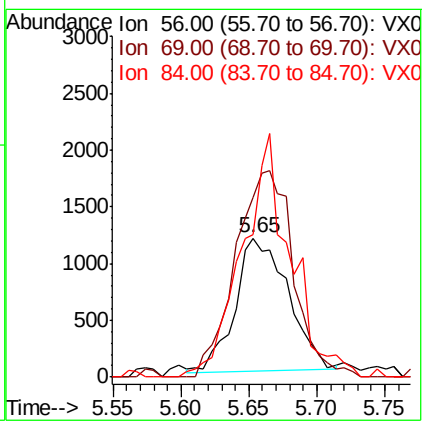


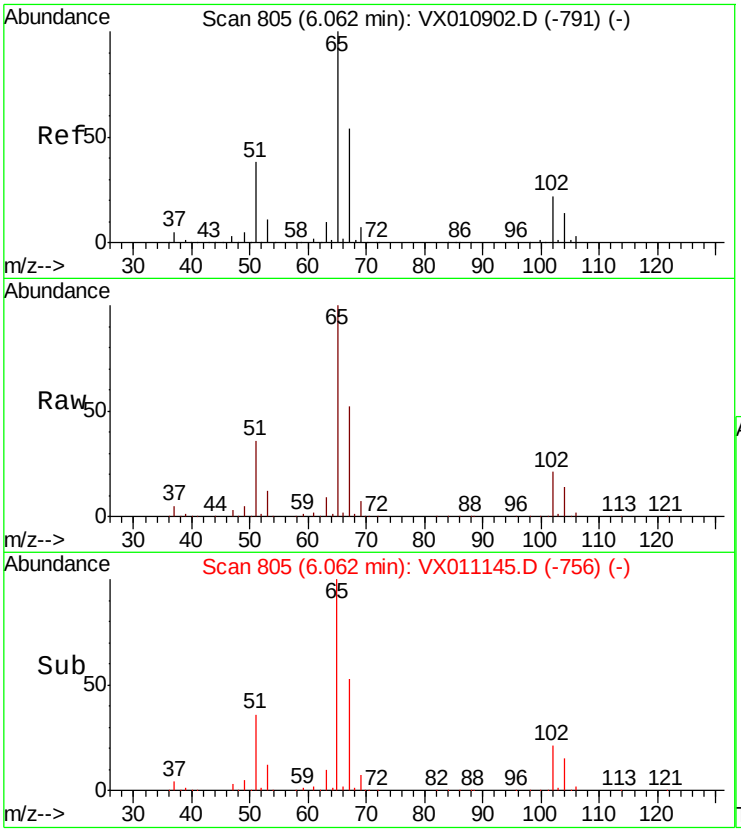


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 56 Resp: 3197

Ion	Ratio	Lower	Upper
56	100		
69	137.5	25.8	38.8#
84	104.5	73.8	110.6



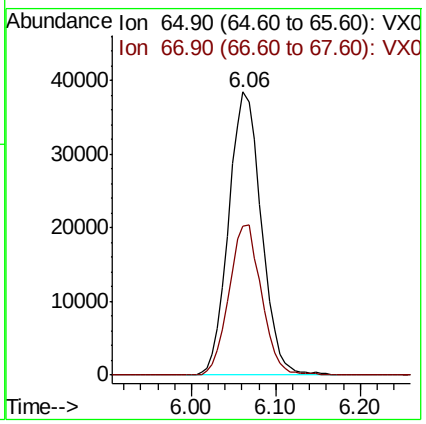


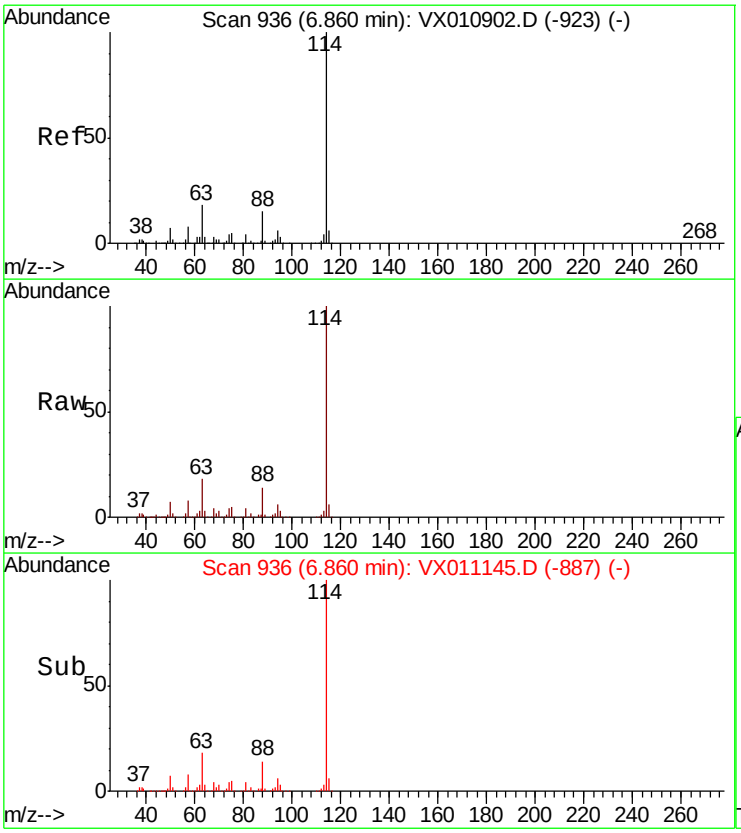
#33
1,2-Dichloroethane-d4
Concen: 52.657 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 65 Resp: 100955

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8

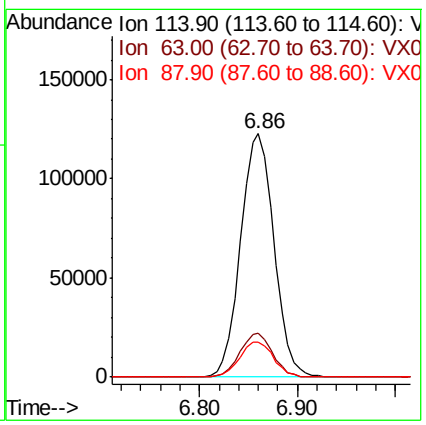


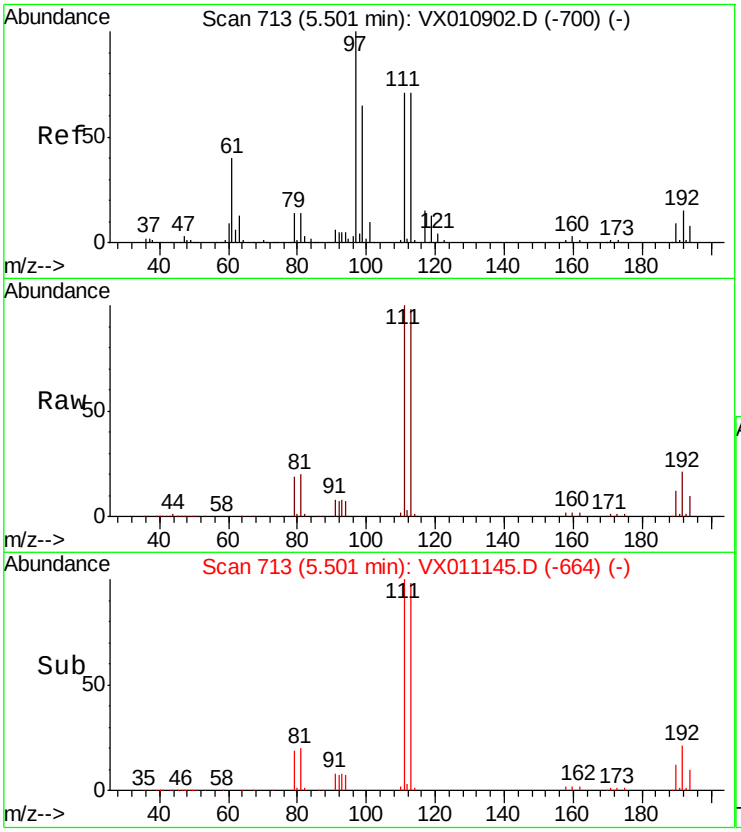


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion:114 Resp: 290990

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.3	0.0	29.8



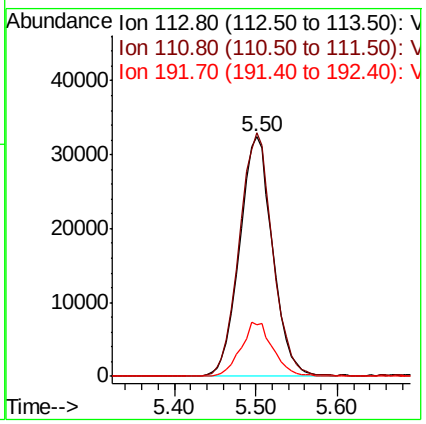


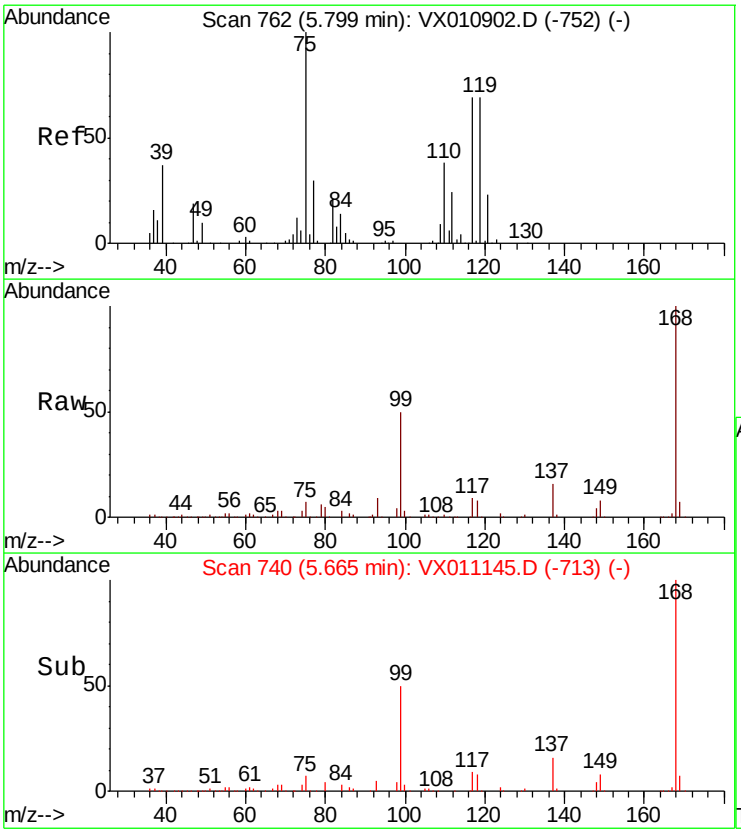
#35
Dibromofluoromethane
Concen: 49.388 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion:113 Resp: 91218

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	21.8	17.4	26.2

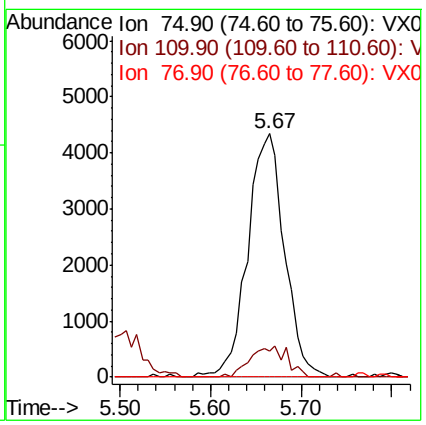


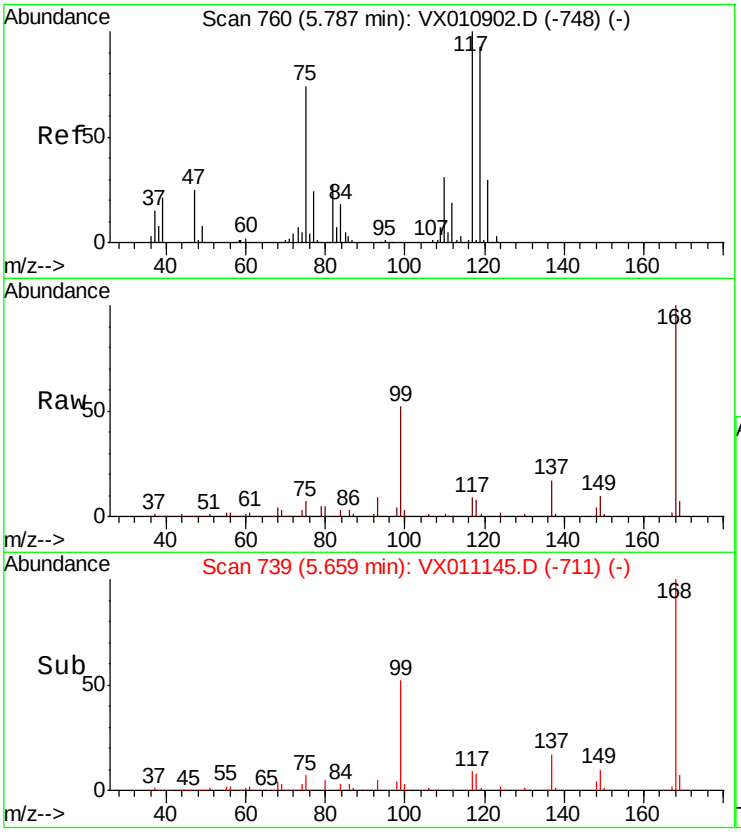


#36
1,1-Dichloropropene
Concen: 5.106 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 75 Resp: 12204

Ion	Ratio	Lower	Upper
75	100		
110	12.7	19.9	59.7#
77	0.0	25.0	37.4#



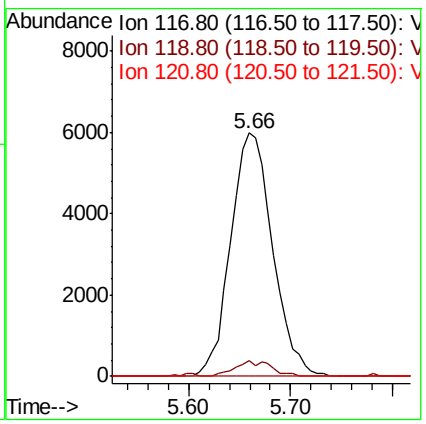


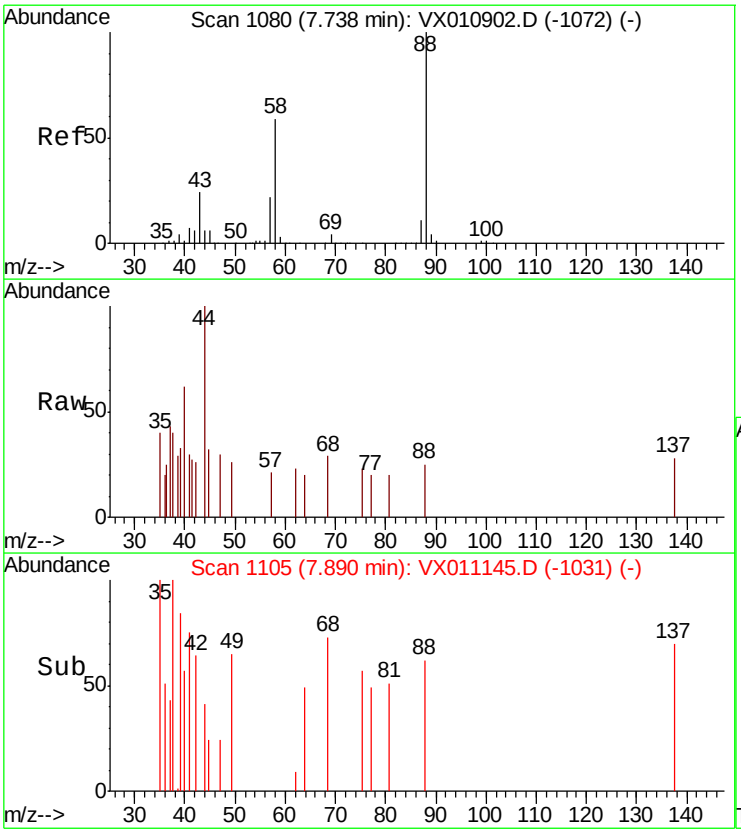
#38
Carbon Tetrachloride
Concen: 6.849 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion:117 Resp: 17058

Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.2	111.2#
121	0.0	24.2	36.2#

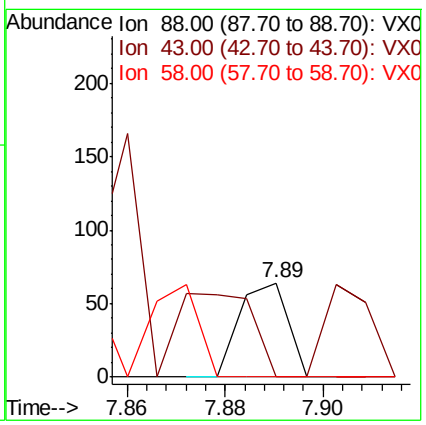


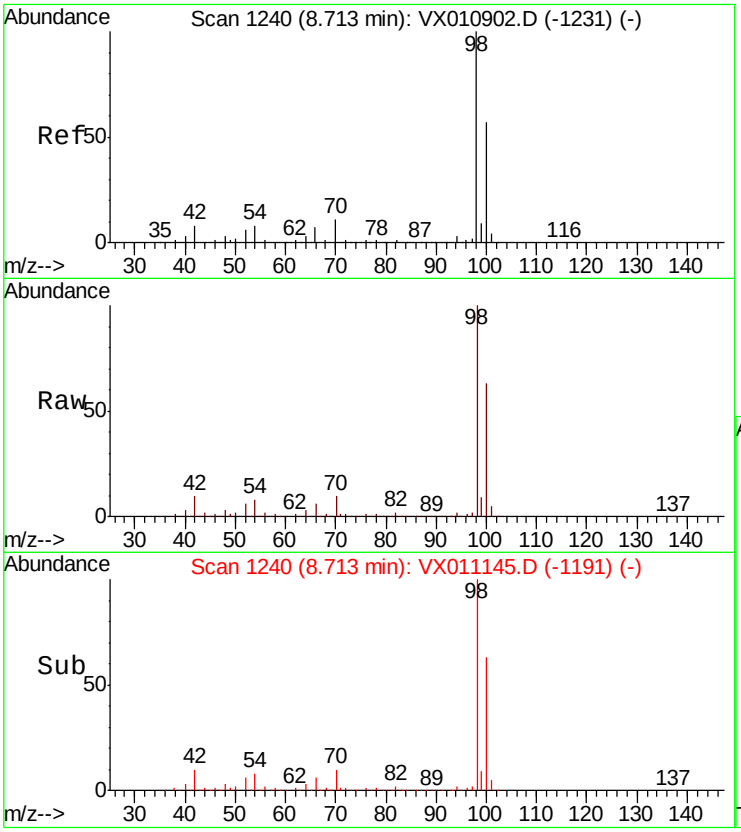


#49
1,4-Dioxane
Concen: 0.802 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. 0.15 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 88 Resp: 44

Ion	Ratio	Lower	Upper
88	100		
43	95.5	22.9	34.3#
58	0.0	49.8	74.8#



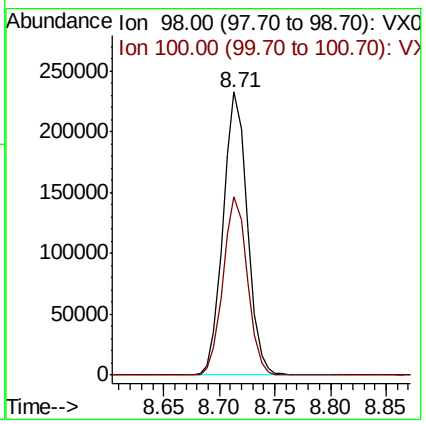


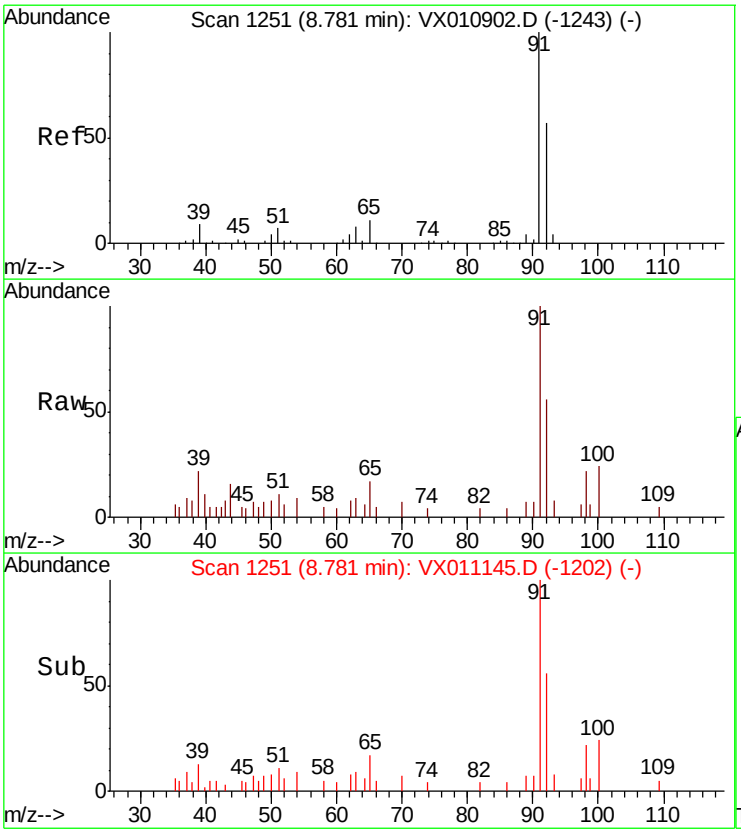
#50
Toluene-d8
Concen: 50.581 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 98 Resp: 350388

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8

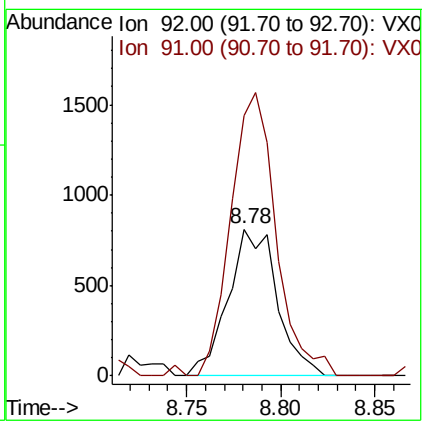


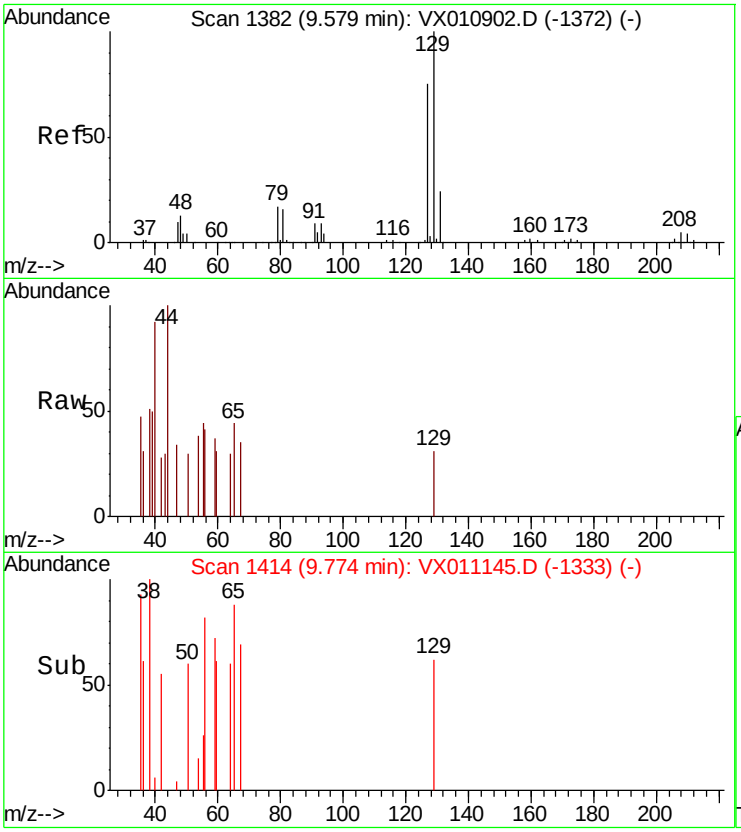


#52
Toluene
Concen: 0.305 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 92 Resp: 1467

Ion	Ratio	Lower	Upper
92	100		
91	178.0	139.4	209.0



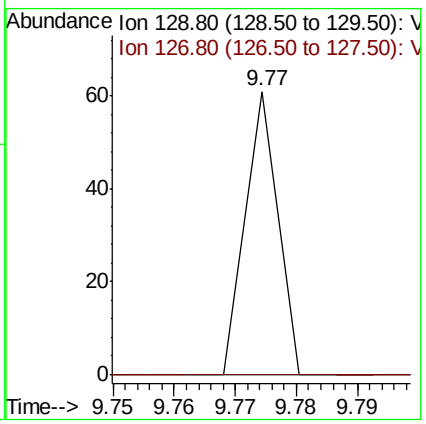


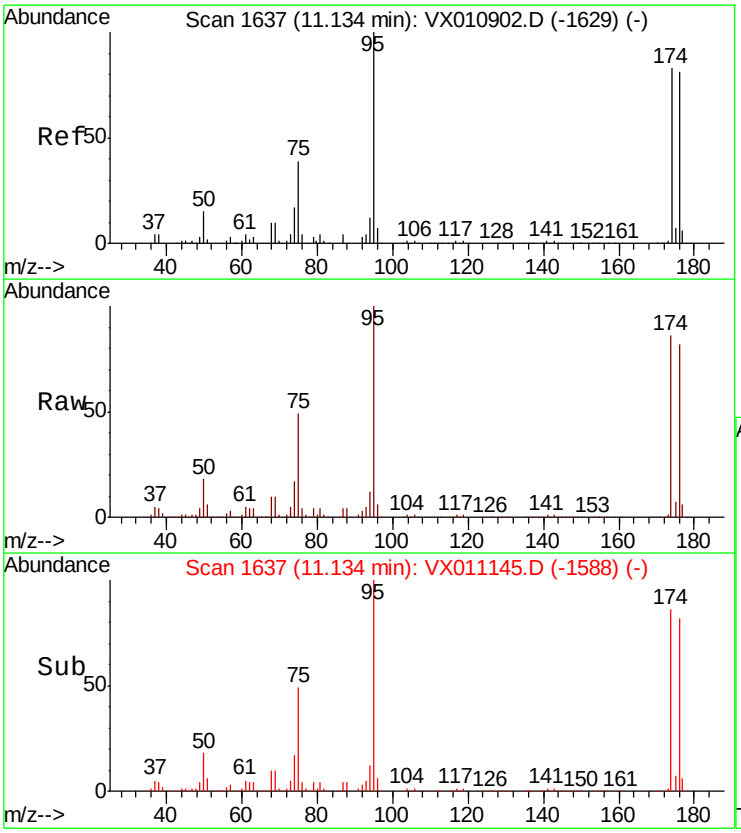
#60
Dibromochloromethane
Concen: 2.537 ug/l
RT: 9.77 min Scan# 1414
Delta R.T. 0.20 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion:129 Resp: 22

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

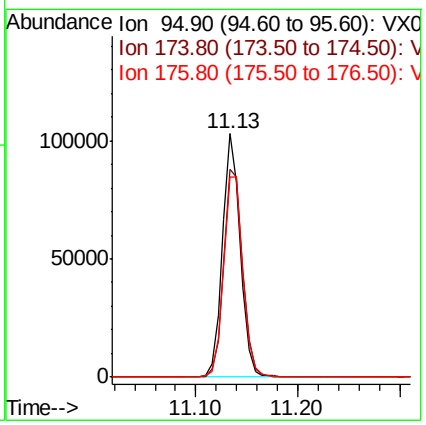


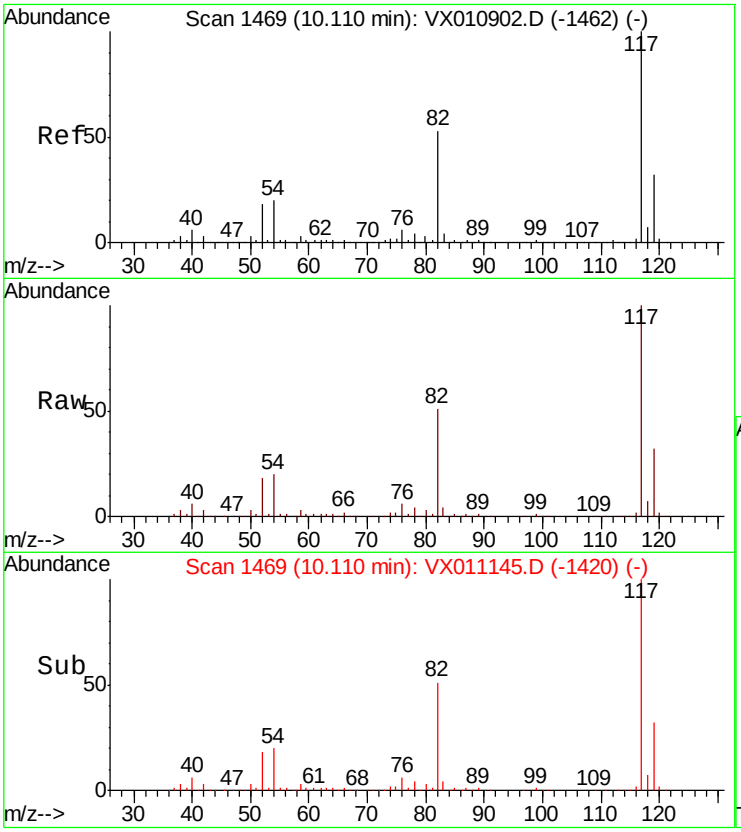


#62
4-Bromofluorobenzene
Concen: 48.786 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 95 Resp: 124223

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	180.6
176	88.6	0.0	173.8



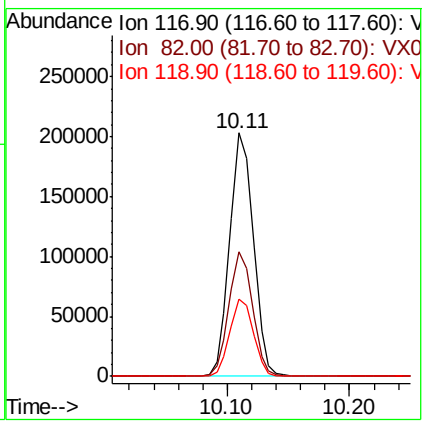


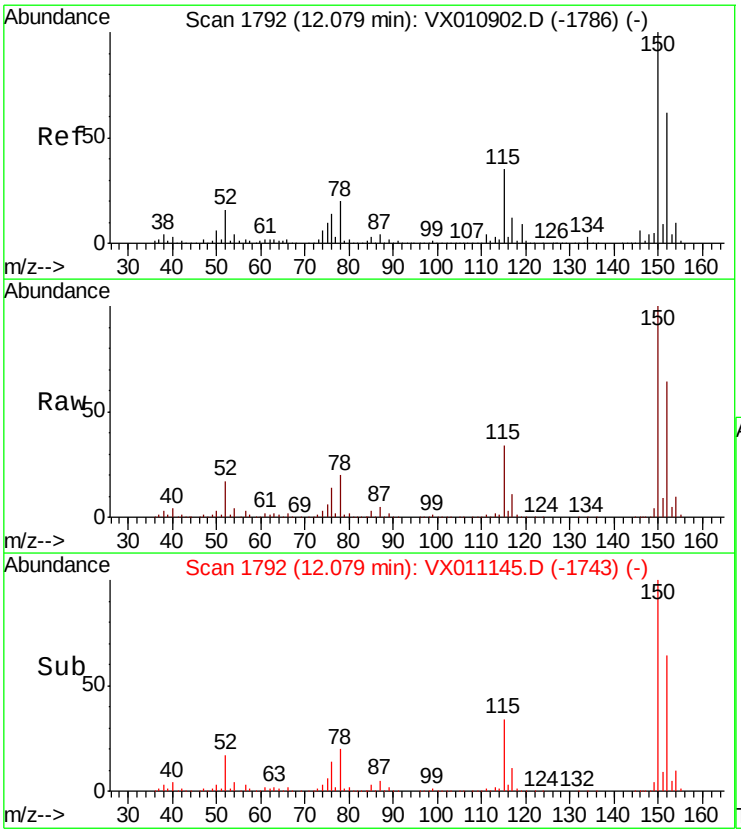
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0414

Tgt Ion:117 Resp: 272109

Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.6	63.8
119	31.7	25.9	38.9

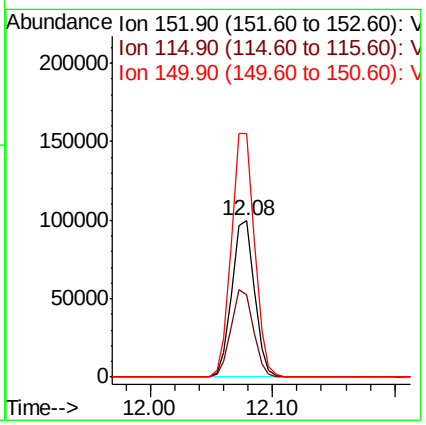


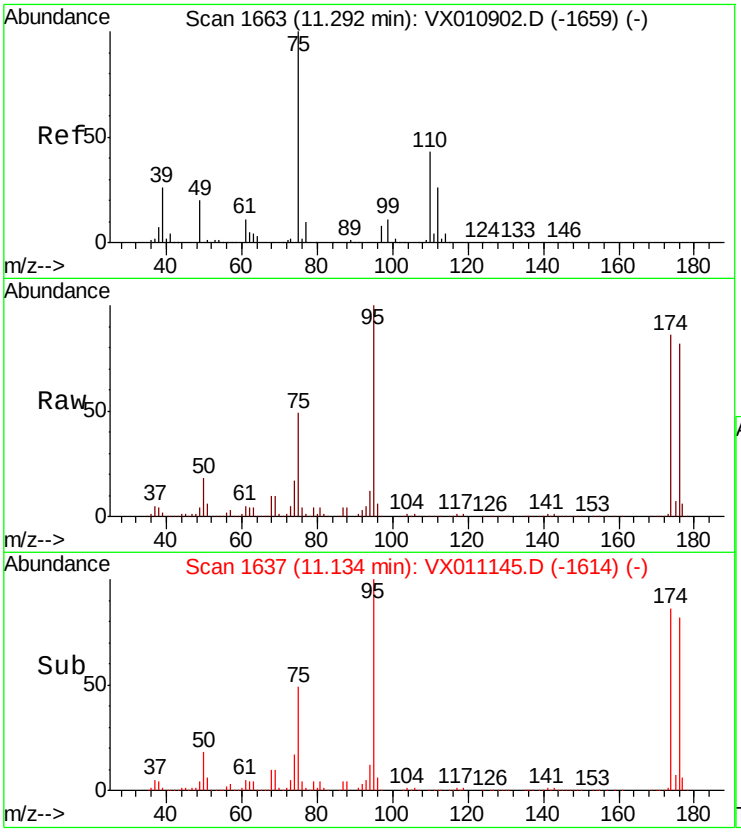


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion:152 Resp: 126939

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.7	119.1
150	158.5	0.0	345.6



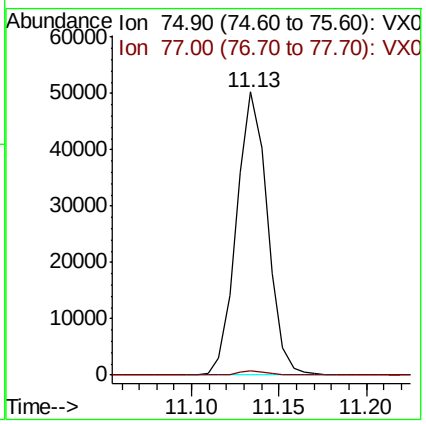


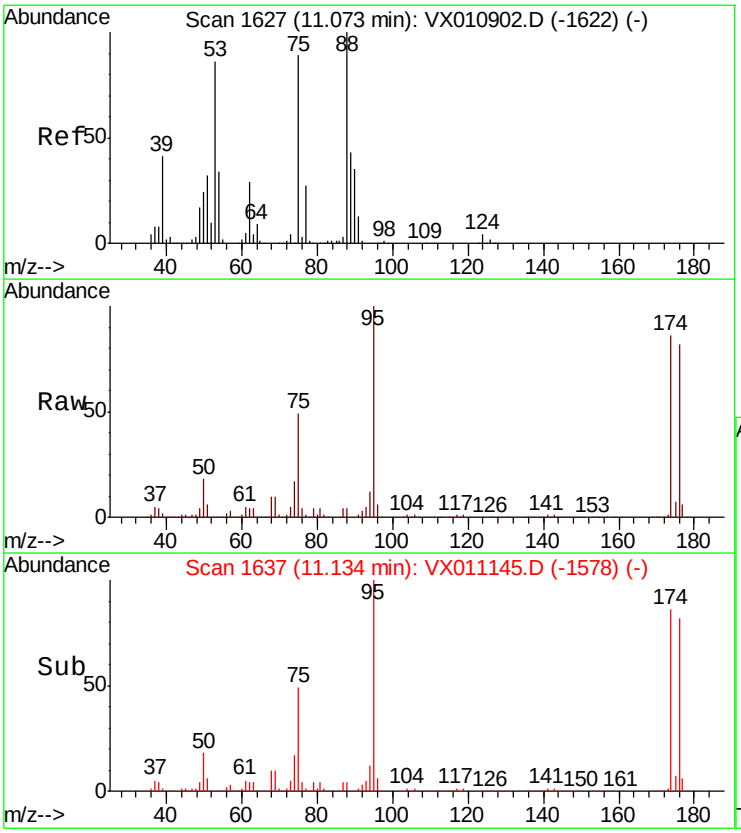
#76
1,2,3-Trichloropropane
Concen: 27.069 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0414

Tgt Ion: 75 Resp: 62007

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.3	64.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.102 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011145.D
Acq: 29 Jul 2019 15:02

Tgt Ion: 75 Resp: 62007

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	38.5	57.7#