Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062819\

Quantitation Report (Not Reviewed)

Data File : VX010574.D
Acq On : 29 Jun 2019 07:21
Operator : JC/SP
Sample : K3163-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU-01-062719-B

Quant Time: Jul 01 03:55:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	247240	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	385060	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	358948	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168026	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	120314	51.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.80%				
35) Dibromofluoromethane	5.50	113	115335	48.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.92%				
50) Toluene-d8	8.71	98	461505	51.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.40%				
62) 4-Bromofluorobenzene	11.13	95	157293	48.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.68%				
Target Compounds							Qvalue
8) Diethyl Ether	2.18	74	268	0.215	ug/l		61
11) Tert butyl alcohol	3.05	59	745	1.228	ug/l	#	83
13) Acrolein	2.28	56	90	0.224	ug/l	#	14
16) Acetone	2.44	43	6721	5.785	ug/l		98
18) Methyl Acetate	2.78	43	2137	0.923	ug/l	#	76
20) Methylene Chloride	2.86	84	136912	57.265	ug/l		98
25) 2-Butanone	4.68	43	1125	0.660	ug/l	#	86
30) Chloroform	5.22	83	2413	0.610	ug/l		96
31) Cyclohexane	5.67	56	4410	1.317	ug/l	#	25
36) 1,1-Dichloropropene	5.66	75	15262	4.988	ug/l	#	48
38) Carbon Tetrachloride	5.66	117	21874	6.602	ug/l	#	16
43) Isopropyl Acetate	6.45	43	14749	2.832	ug/l		98
48) Methyl methacrylate	7.68	41	7220	2.982	ug/l	#	10
49) 1,4-Dioxane	7.78	88	21	0.301	ug/l	#	28
51) 4-Methyl-2-Pentanone	8.61	43	73590	22.093	ug/l	#	47
54) cis-1,3-Dichloropropene	8.62	75	40021	10.377	ug/l	#	61
57) 1,3-Dichloropropane	9.54	76	9138	2.274	ug/l	#	43
59) 2-Hexanone	9.54	43	108791	41.499	ug/l	#	50
68) m/p-Xylenes	10.35	106	1041	0.218	ug/l		96
74) N-amyl acetate	10.69	43	11148	2.590	ug/l	#	52
76) 1,2,3-Trichloropropane	11.13	75	75377	24.618	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	3301	0.352	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.13	75	75377	57.431	ug/l	#	16
84) 1,2,4-Trimethylbenzene	11.81	105	3339	0.354	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	12.97	75	184	0.226	ug/l	#	1
95) Naphthalene	13.83	128	29050	2.471	ug/l		99

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

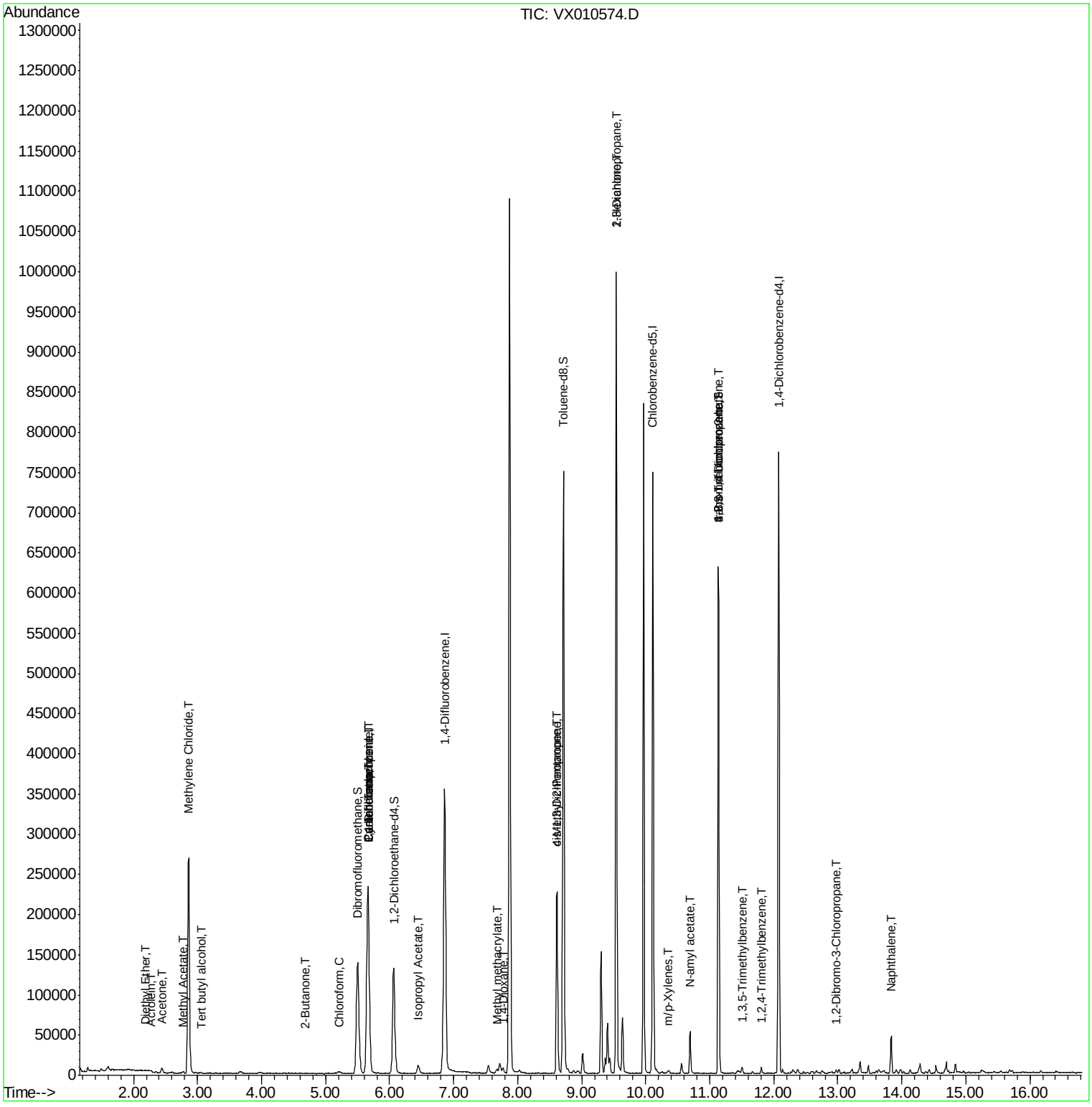
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062819\

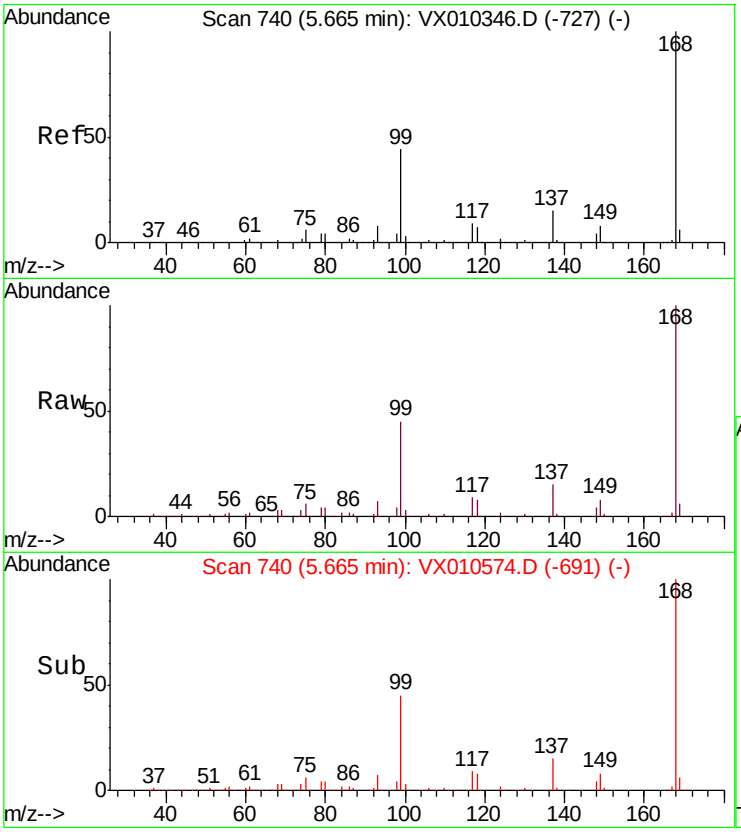
Quantitation Report (Not Reviewed)

Data File : VX010574.D
Acq On : 29 Jun 2019 07:21
Operator : JC/SP
Sample : K3163-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Quant Time: Jul 01 03:55:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration



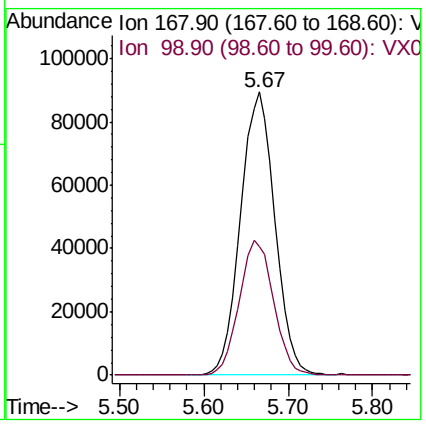


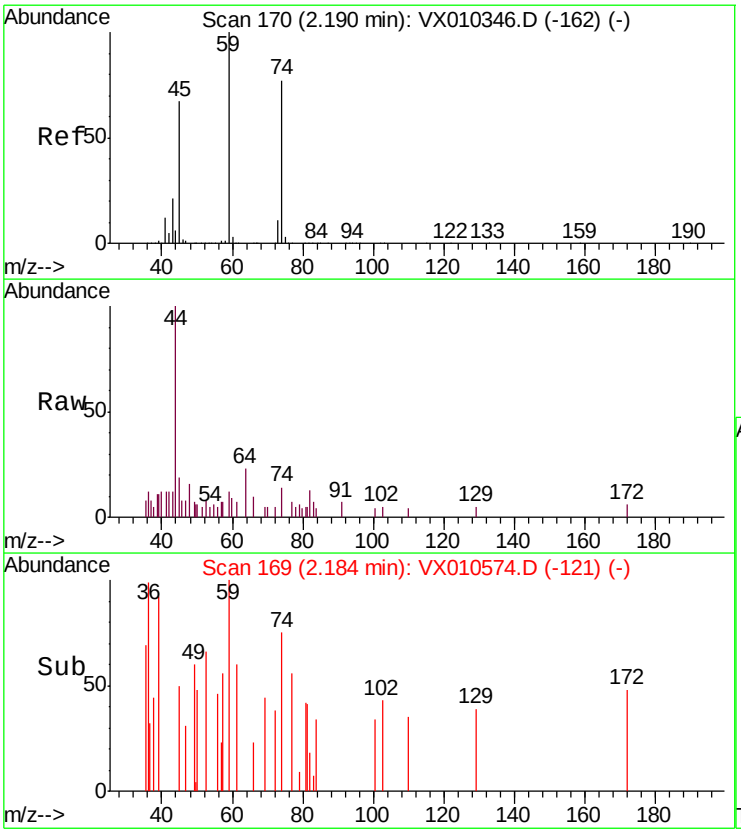
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion:168 Resp: 247240

Ion	Ratio	Lower	Upper
168	100		
99	45.5	35.5	53.3

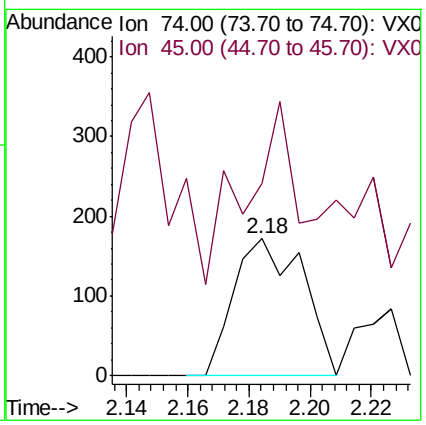


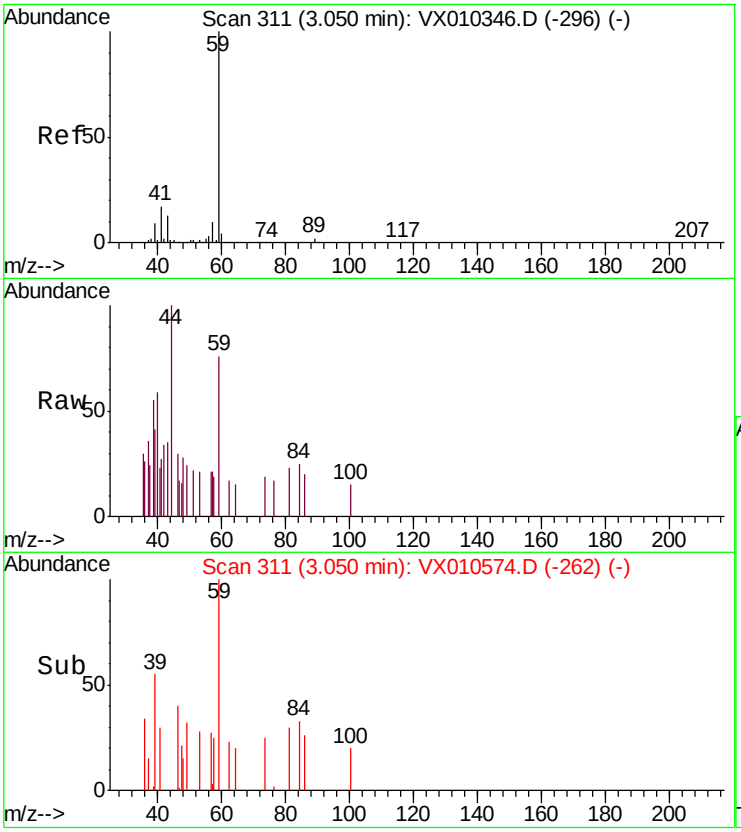


#8
Diethyl Ether
Concen: 0.215 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 74 Resp: 268

Ion	Ratio	Lower	Upper
74	100		
45	126.5	44.8	134.4



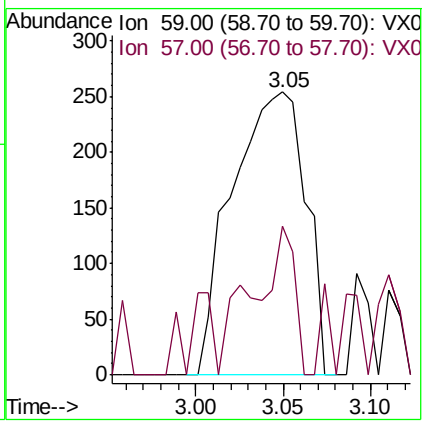


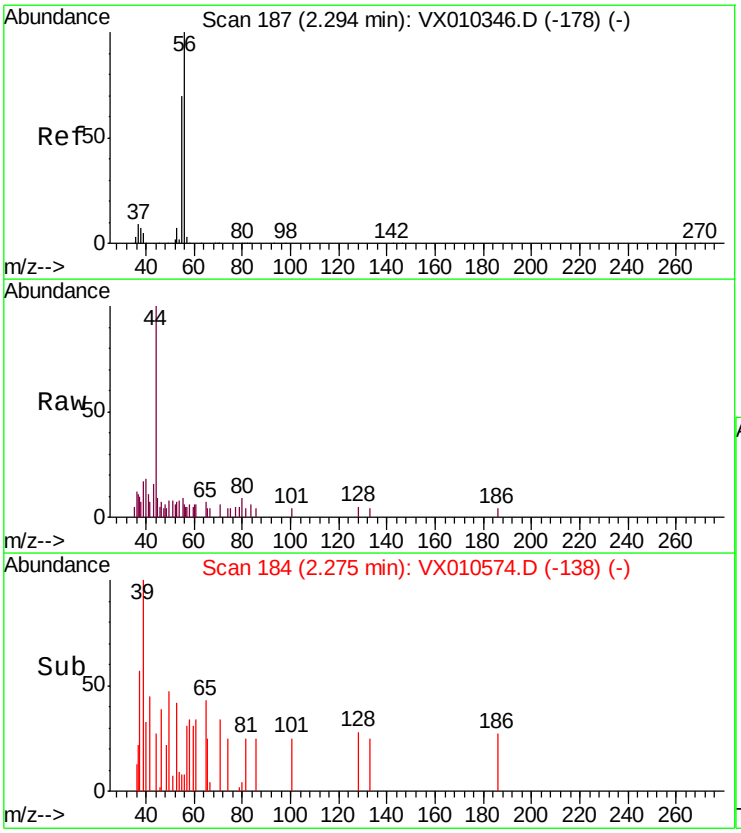
#11
Tert butyl alcohol
Concen: 1.228 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument : MSVOA_X
ClientSampleId : SU-01-062719-B

Tgt Ion: 59 Resp: 745

Ion	Ratio	Lower	Upper
59	100		
57	15.7	7.7	11.5#

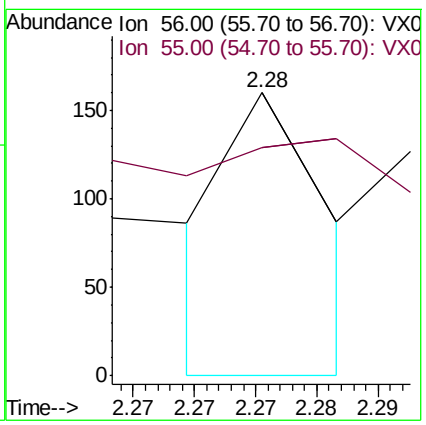


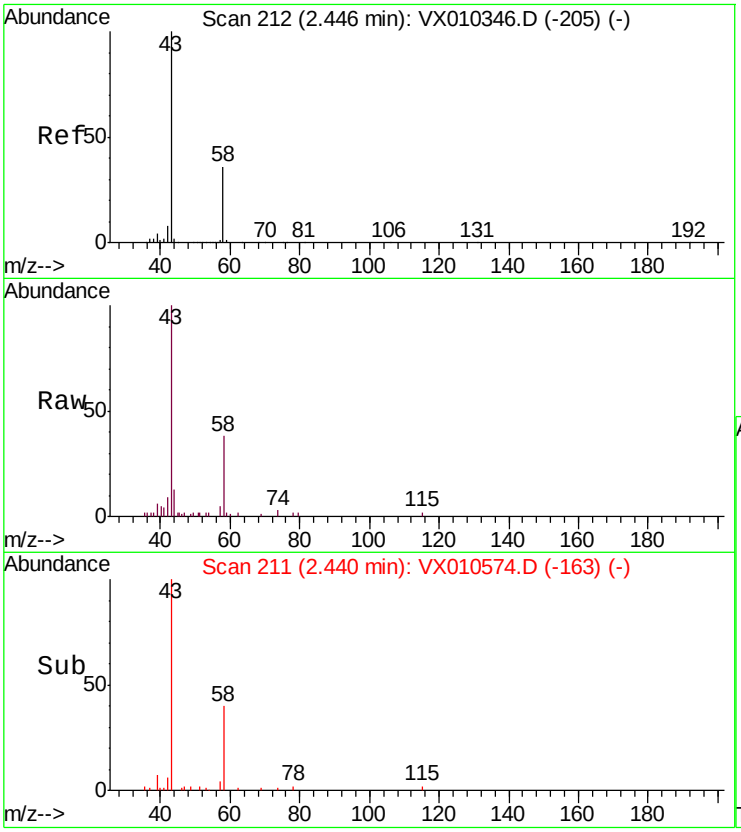


#13
Acrolein
Concen: 0.224 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 56 Resp: 90

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#



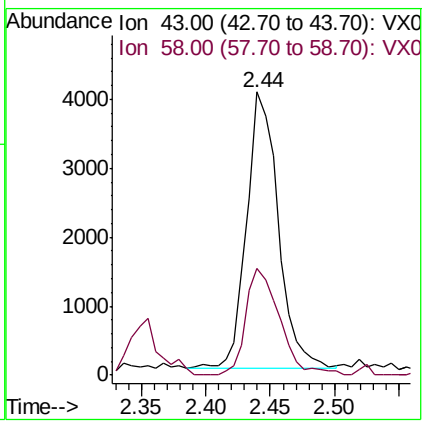


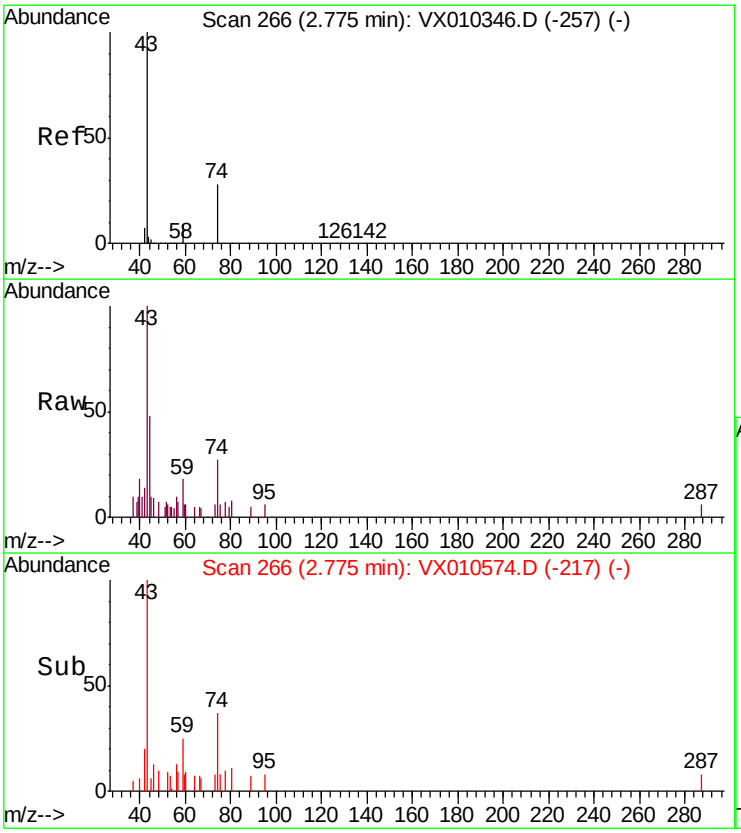
#16
Acetone
Concen: 5.785 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 43 Resp: 6721

Ion	Ratio	Lower	Upper
43	100		
58	37.5	28.9	43.3

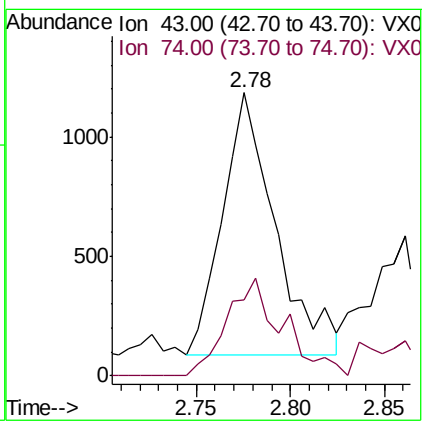


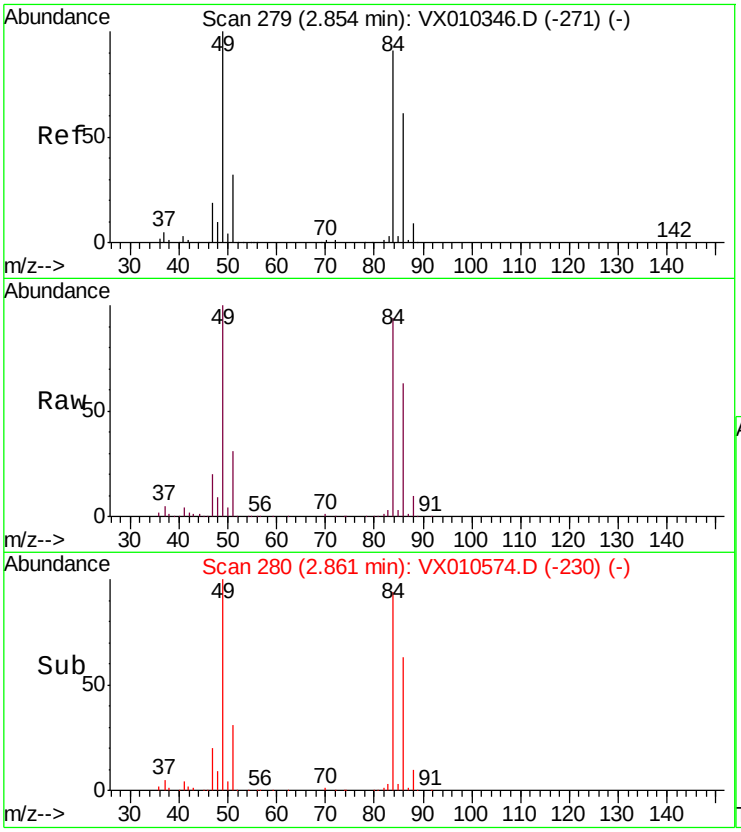


#18
Methyl Acetate
Concen: 0.923 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 2137

Ion	Ratio	Lower	Upper
43	100		
74	39.2	21.3	31.9#



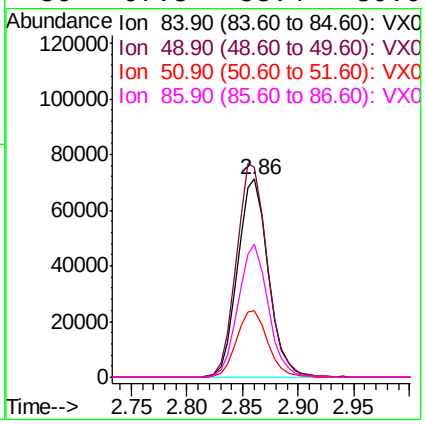


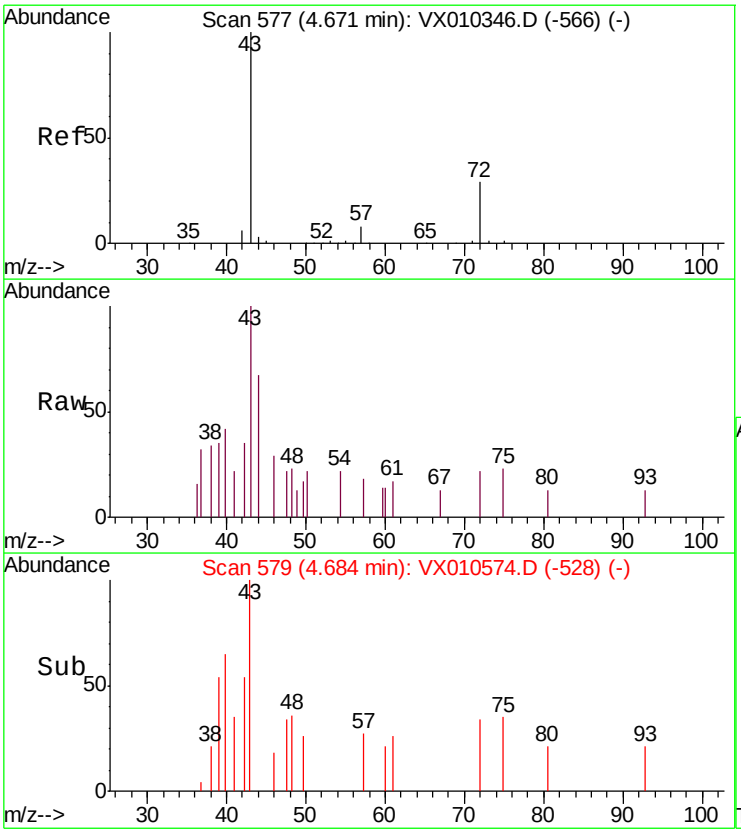
#20
Methylene Chloride
Concen: 57.265 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 84 Resp: 136912

Ion	Ratio	Lower	Upper
84	100		
49	106.1	87.5	131.3
51	33.2	27.7	41.5
86	67.3	53.4	80.0

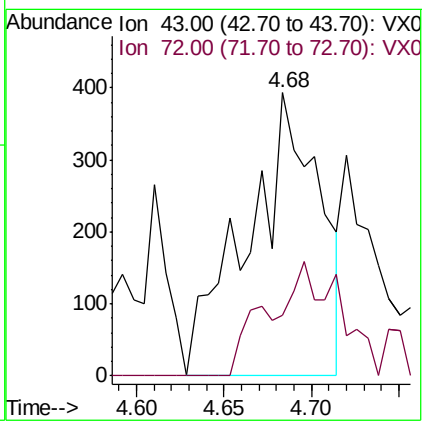


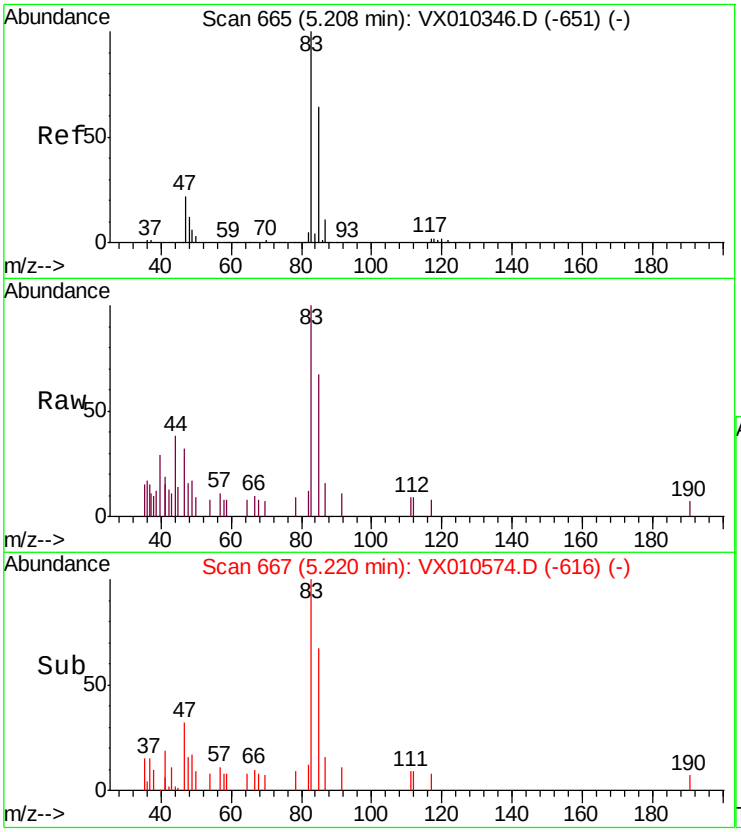


#25
2-Butanone
Concen: 0.660 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 1125

Ion	Ratio	Lower	Upper
43	100		
72	21.6	23.3	34.9#



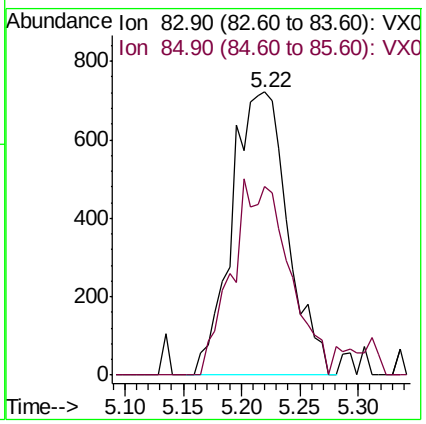


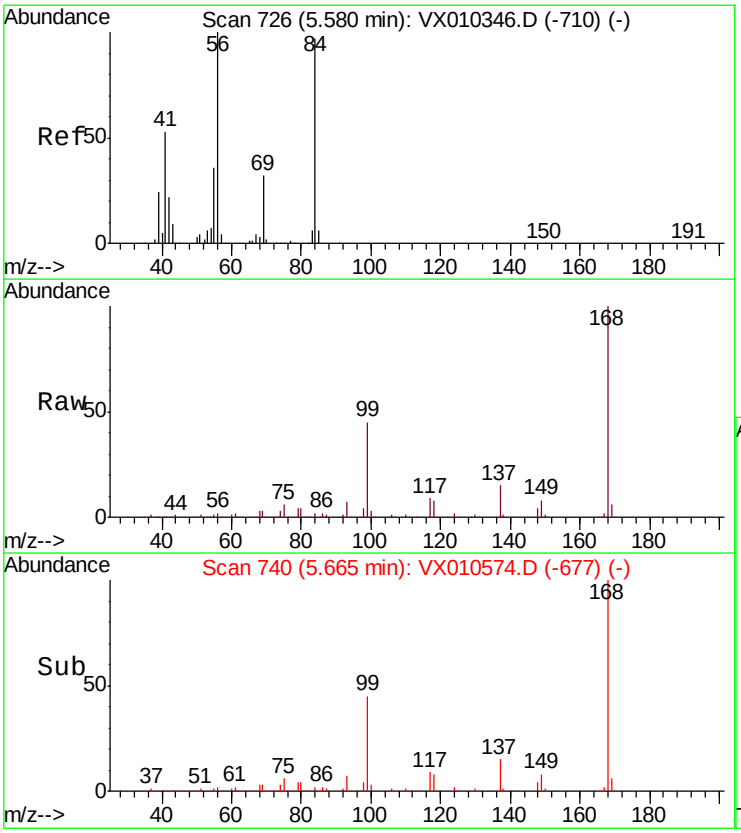
#30
Chloroform
Concen: 0.610 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 83 Resp: 2413

Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.9	76.3

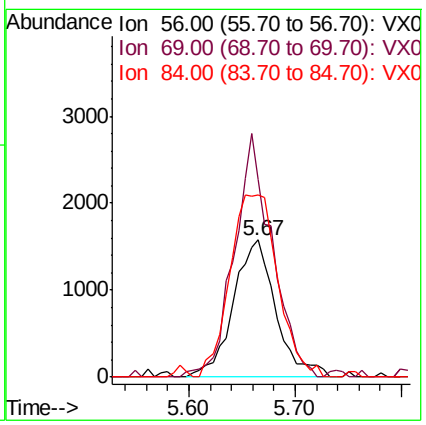


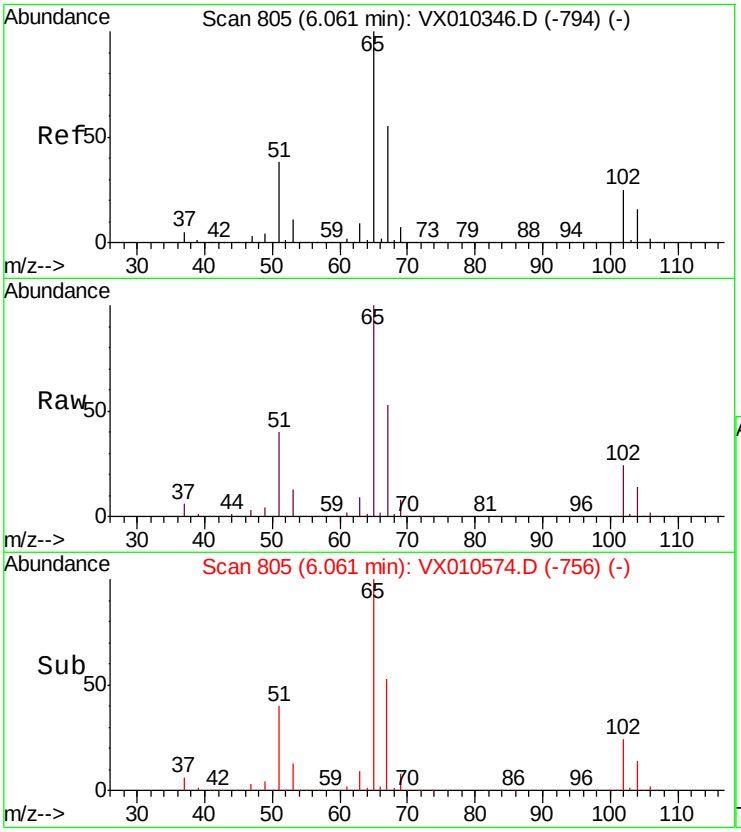


#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 56 Resp: 4410

Ion	Ratio	Lower	Upper
56	100		
69	139.6	25.9	38.9#
84	132.9	78.0	117.0#



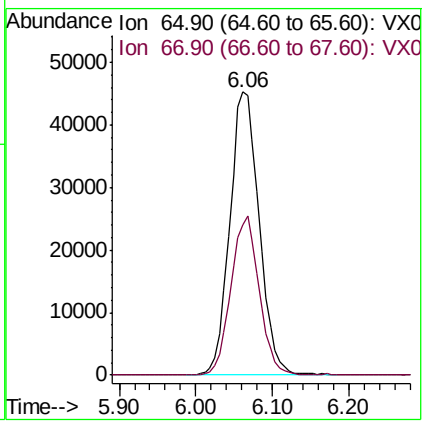


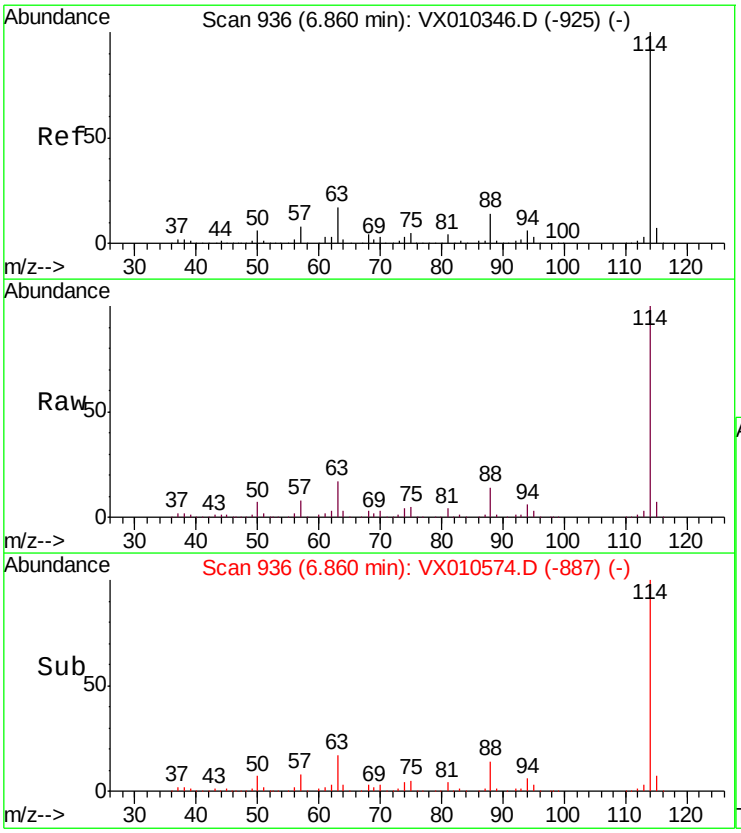
#33
1,2-Dichloroethane-d4
Concen: 51.902 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 65 Resp: 120314

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2

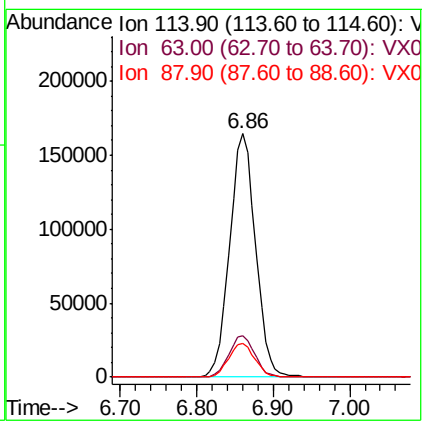


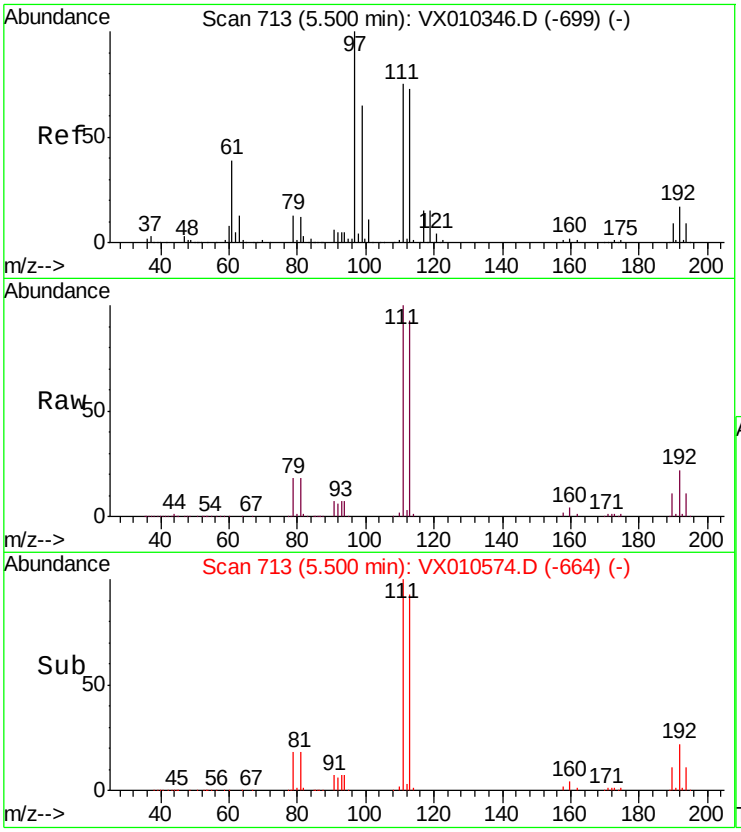


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion:114 Resp: 385060

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	33.8
88	13.9	0.0	27.6



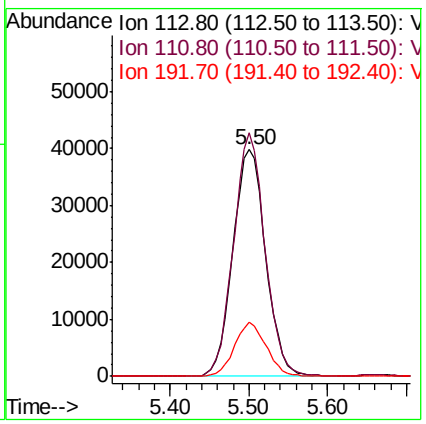


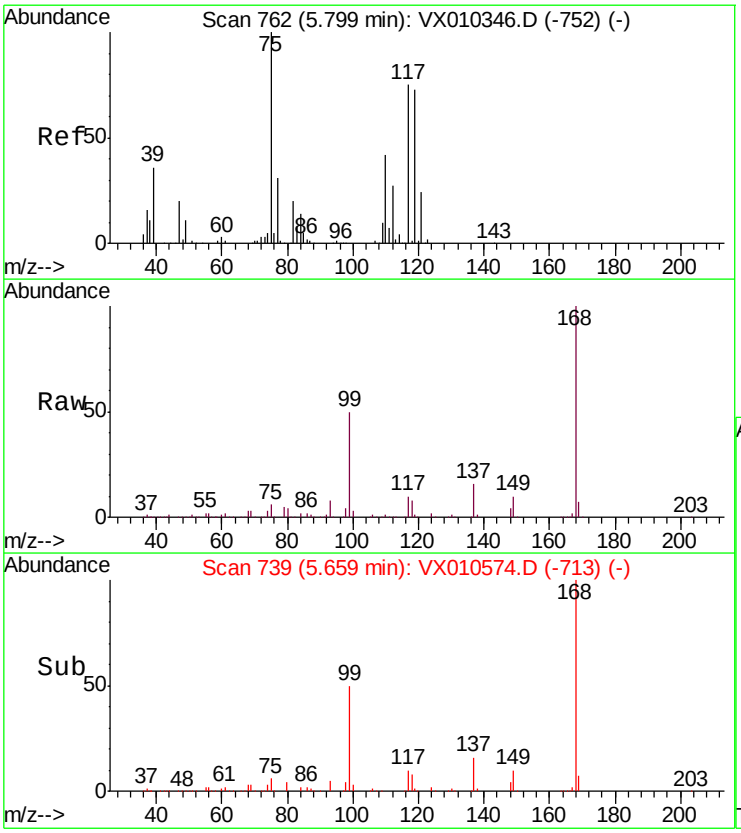
#35
Dibromofluoromethane
Concen: 48.955 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion:113 Resp: 115335

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	22.9	18.6	27.8

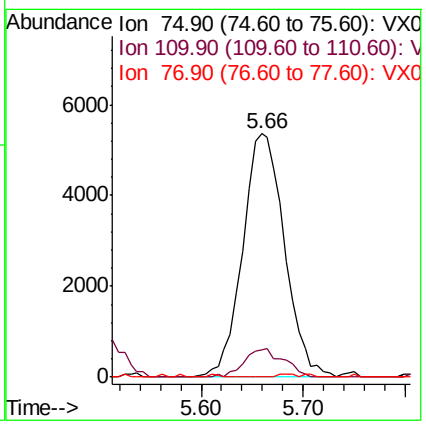


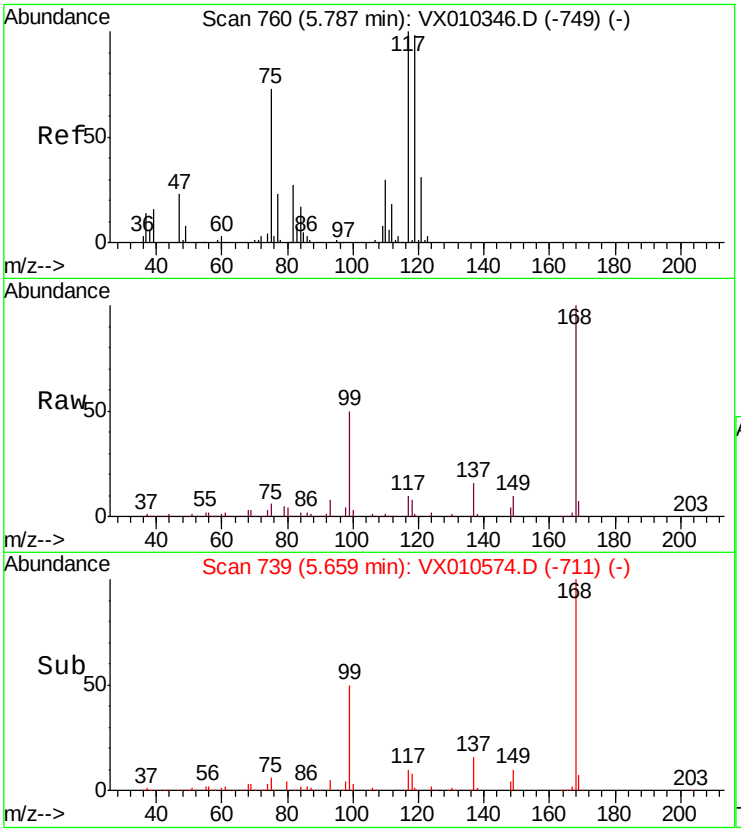


#36
1,1-Dichloropropene
Concen: 4.988 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 75 Resp: 15262

Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.8	62.2#
77	0.5	25.4	38.0#



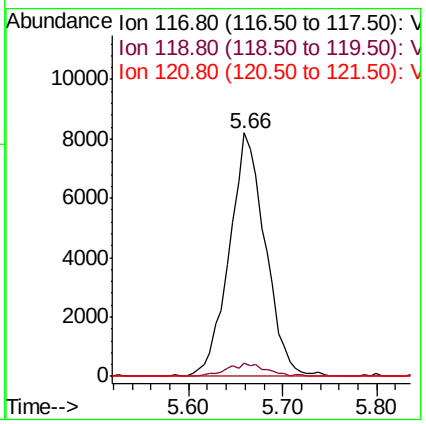


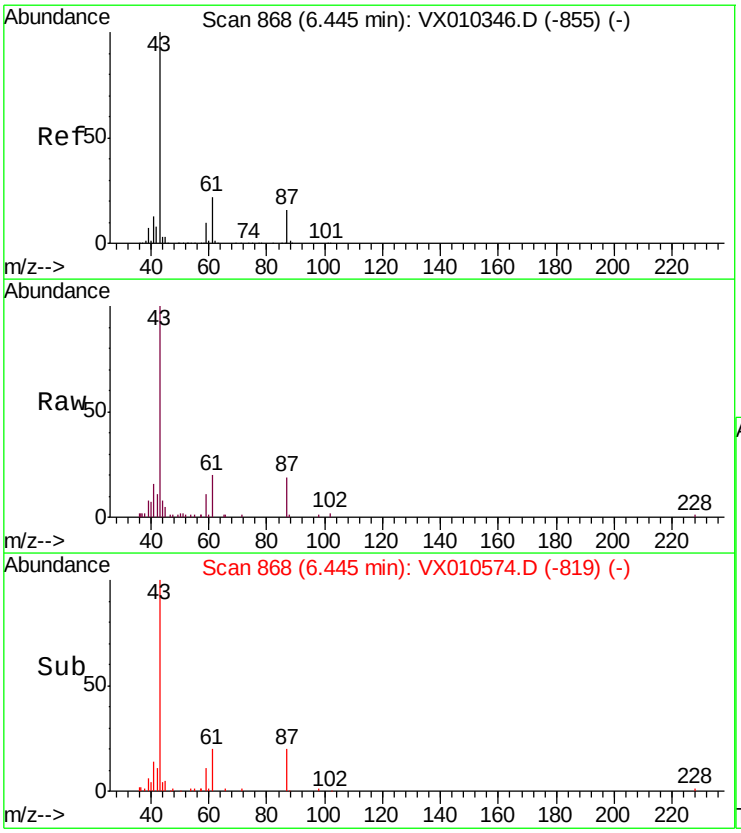
#38
Carbon Tetrachloride
Concen: 6.602 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion:117 Resp: 21874

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.2	117.4#
121	0.0	24.7	37.1#

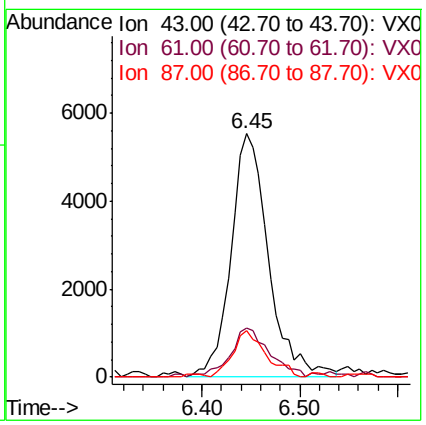


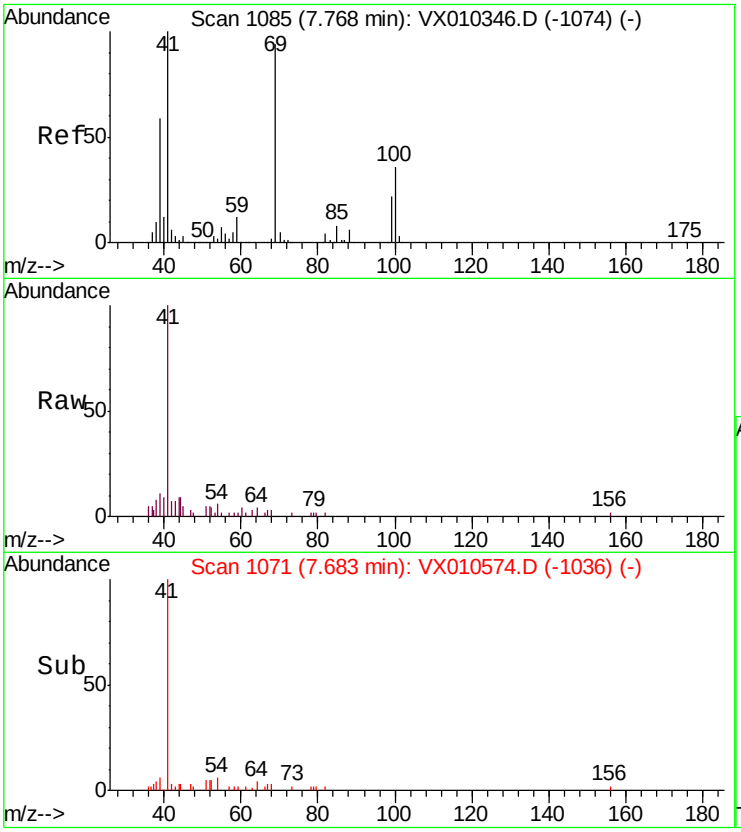


#43
Isopropyl Acetate
Concen: 2.832 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 14749

Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.8	26.6
87	16.8	13.0	19.4



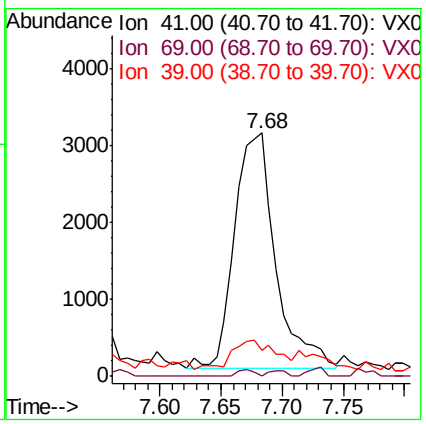


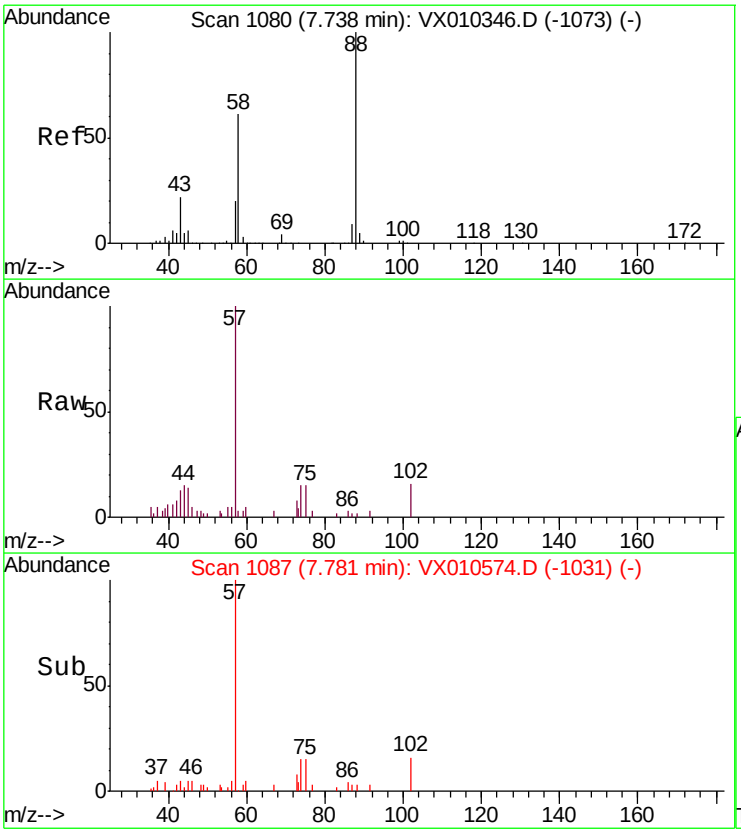
#48
Methyl methacrylate
Concen: 2.982 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 41 Resp: 7220

Ion	Ratio	Lower	Upper
41	100		
69	1.0	76.1	114.1#
39	0.0	47.6	71.4#

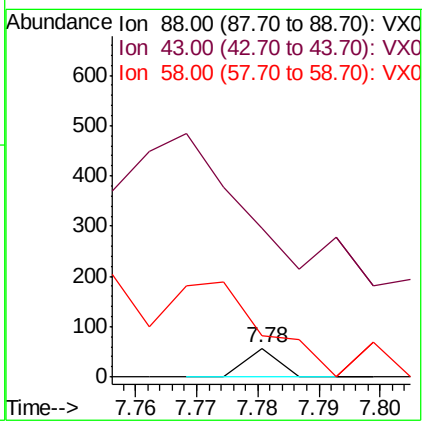


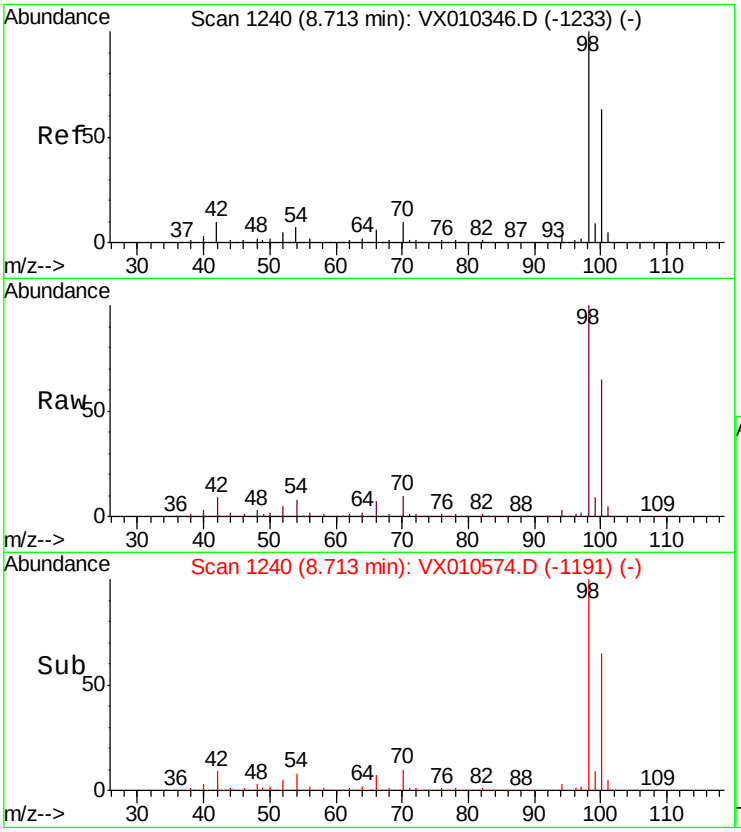


#49
1,4-Dioxane
Concen: 0.301 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	0.0	20.2	30.2#
58	0.0	49.5	74.3#



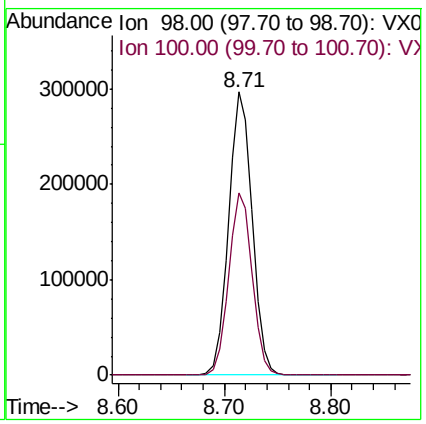


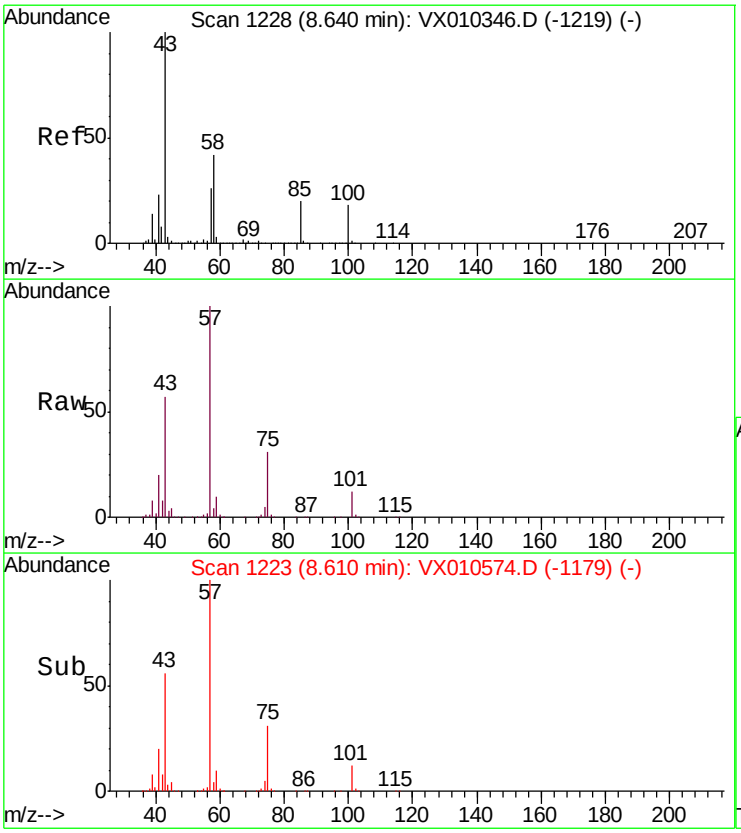
#50
Toluene-d8
Concen: 51.202 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 98 Resp: 461505

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

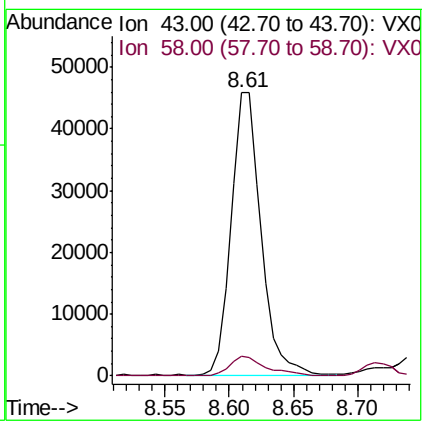


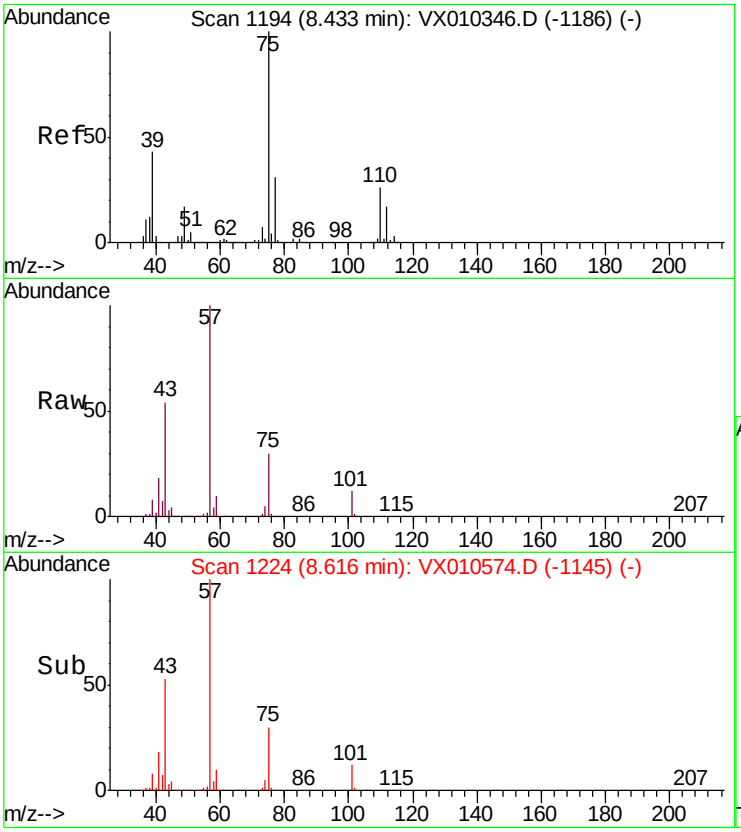


#51
4-Methyl-2-Pentanone
Concen: 22.093 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 73590

Ion	Ratio	Lower	Upper
43	100		
58	8.6	33.5	50.3#



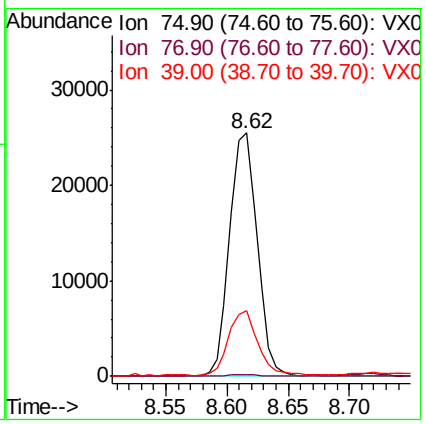


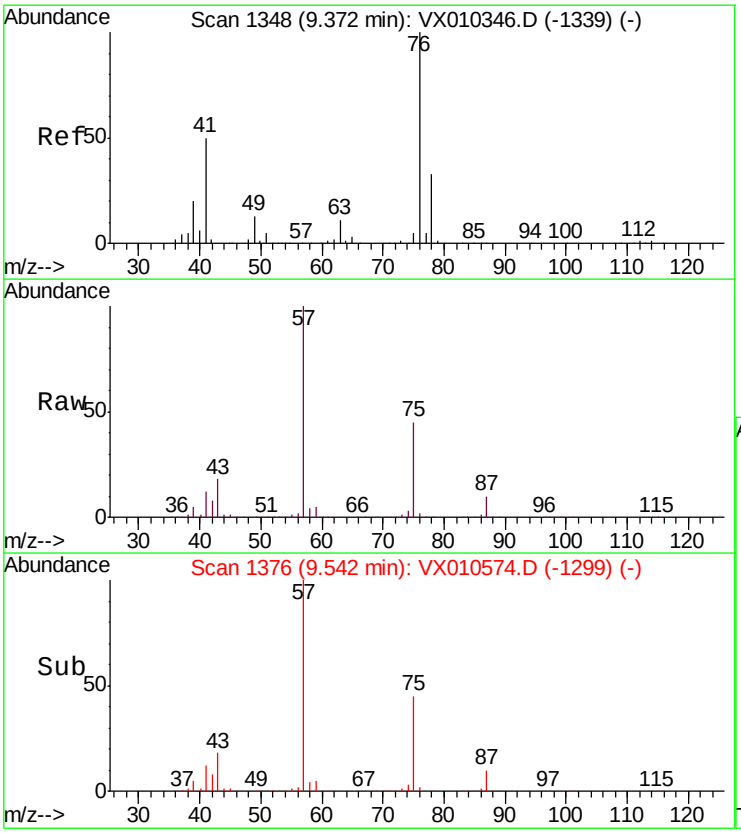
#54
cis-1,3-Dichloropropene
Concen: 10.377 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 75 Resp: 40021

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.2	37.8#
39	26.3	34.5	51.7#

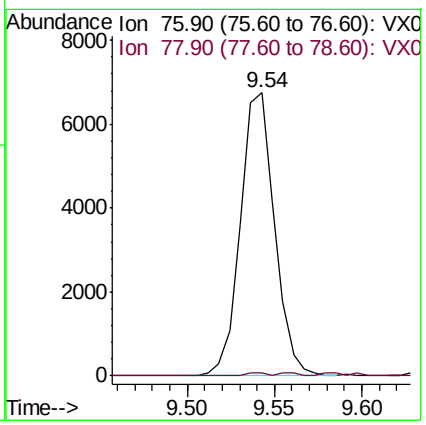


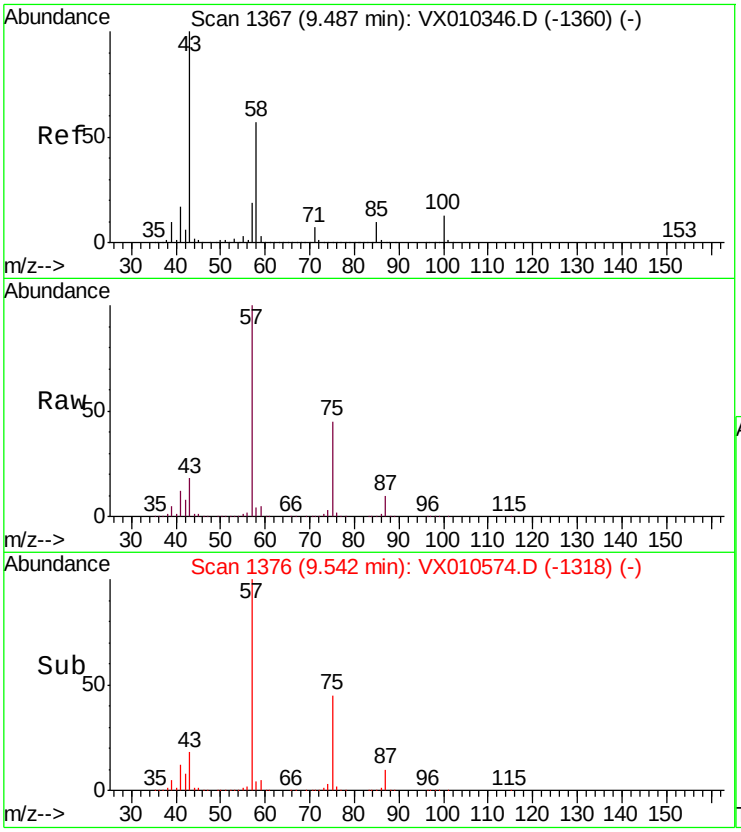


#57
1,3-Dichloropropane
Concen: 2.274 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 76 Resp: 9138

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.1	39.1#



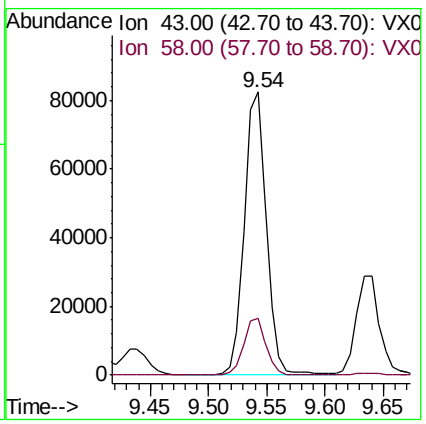


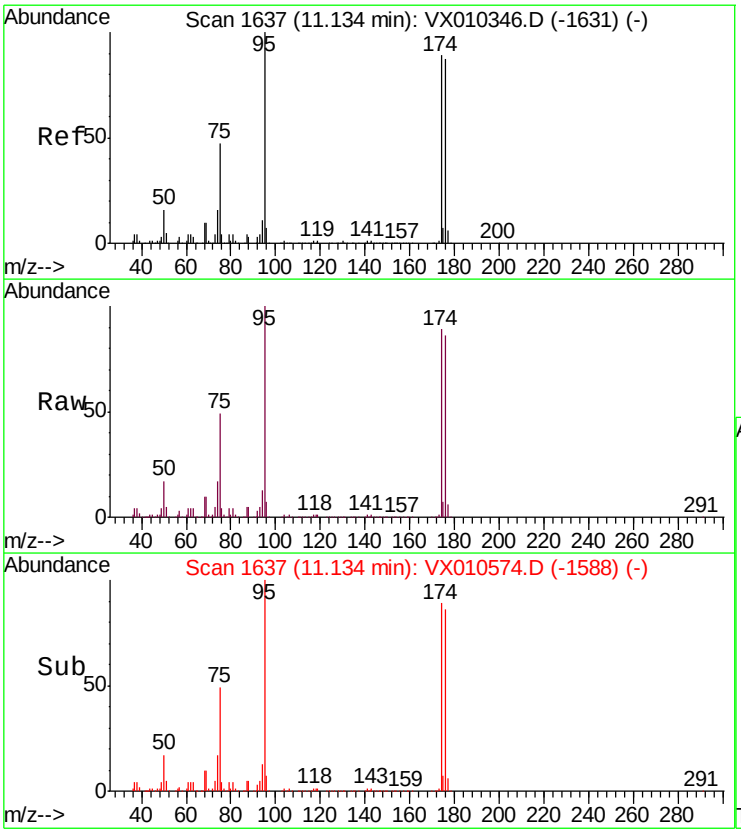
#59
2-Hexanone
Concen: 41.499 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.06 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 43 Resp: 108791

Ion	Ratio	Lower	Upper
43	100		
58	20.9	29.0	87.1#

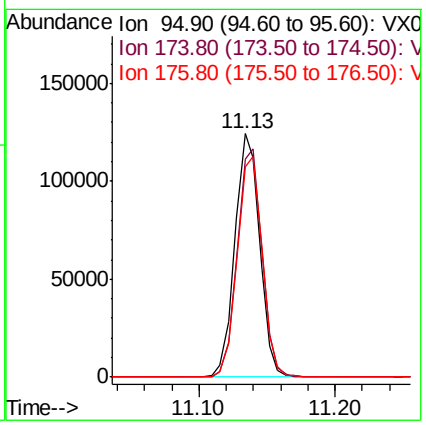


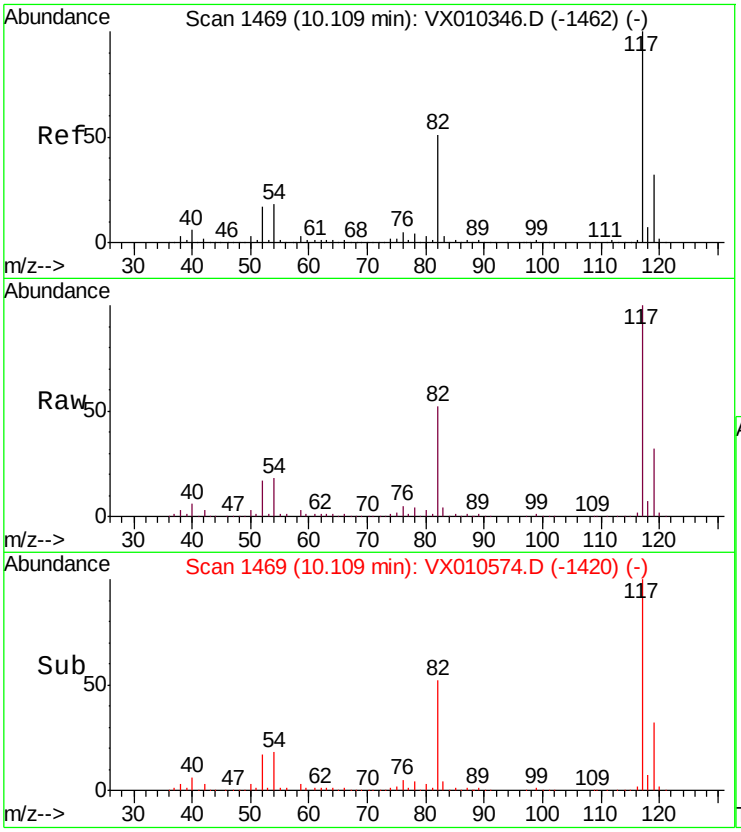


#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 95 Resp: 157293

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	187.6
176	91.6	0.0	184.0



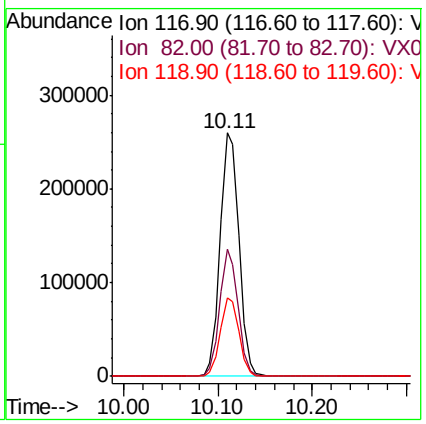


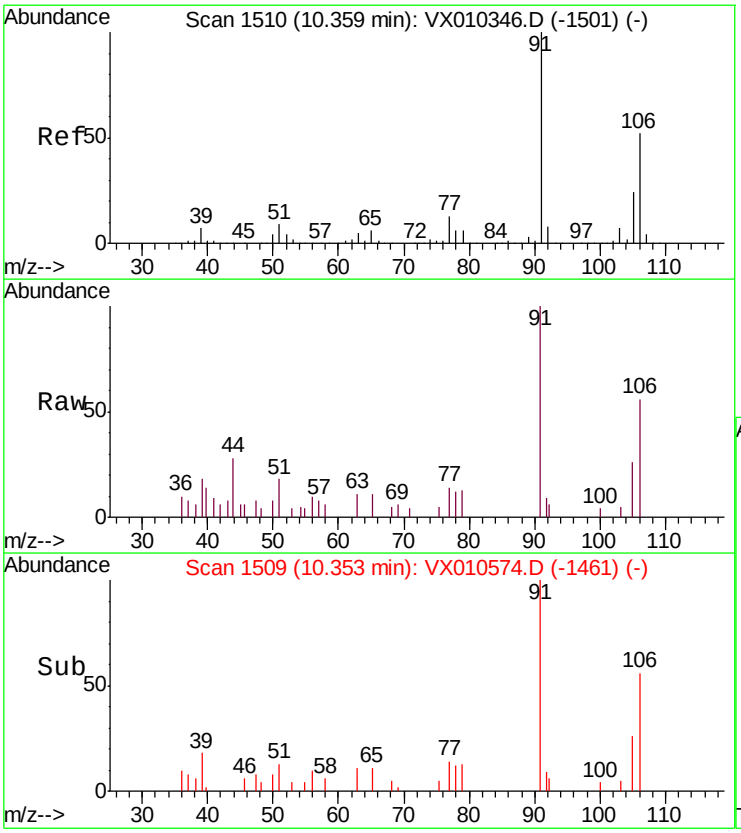
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion:117 Resp: 358948

Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.2	61.8
119	32.2	25.5	38.3

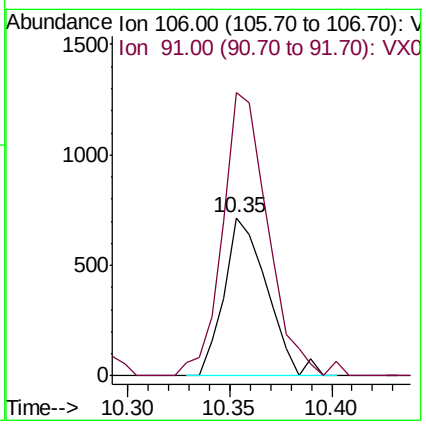


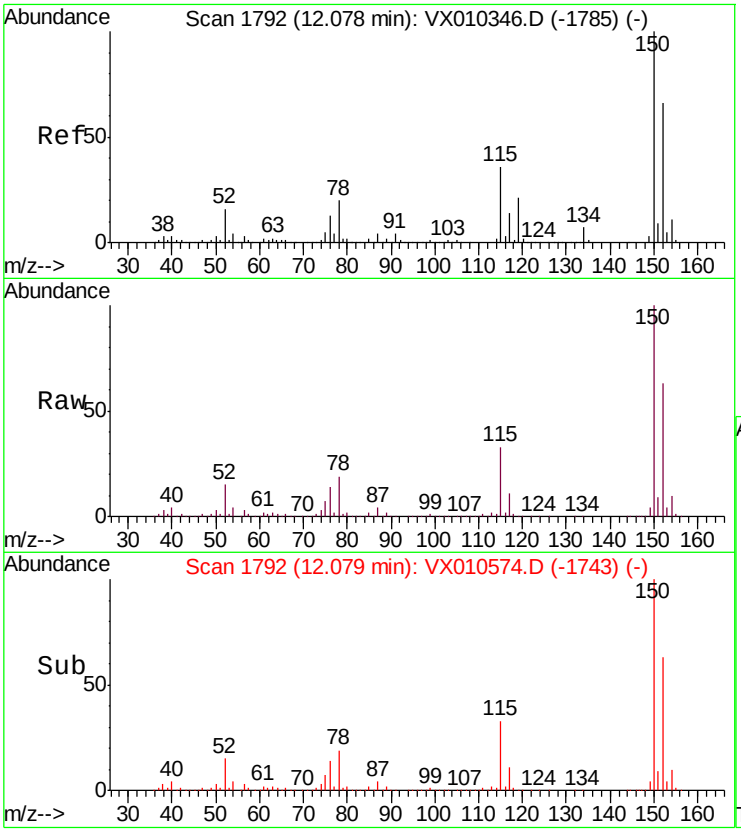


#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion:106 Resp: 1041

Ion	Ratio	Lower	Upper
106	100		
91	188.5	155.3	232.9



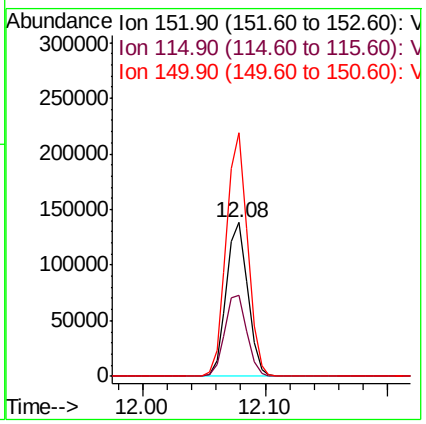


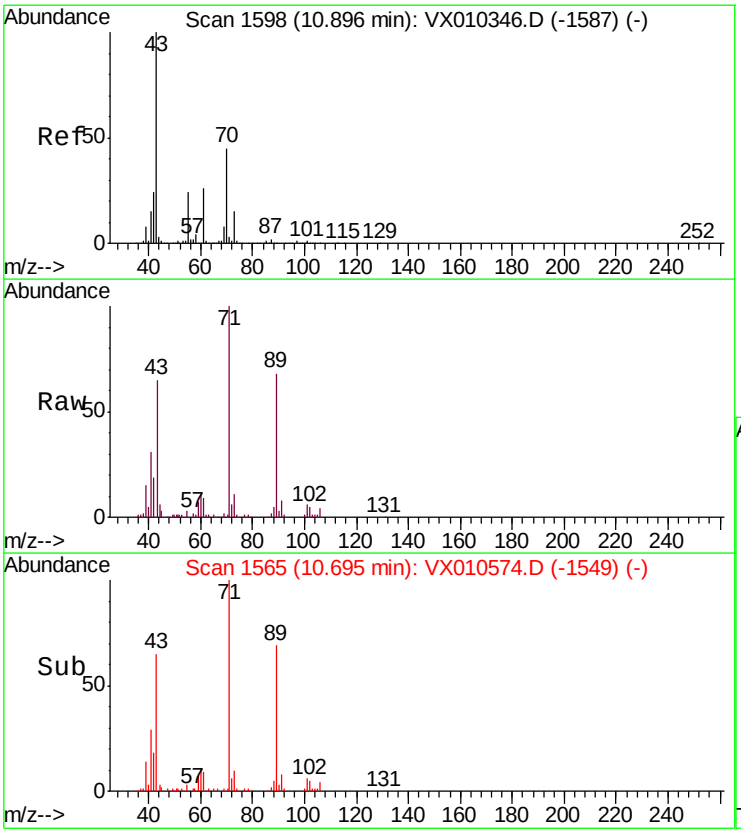
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion:152 Resp: 168026

Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.6	115.7
150	156.5	0.0	347.4

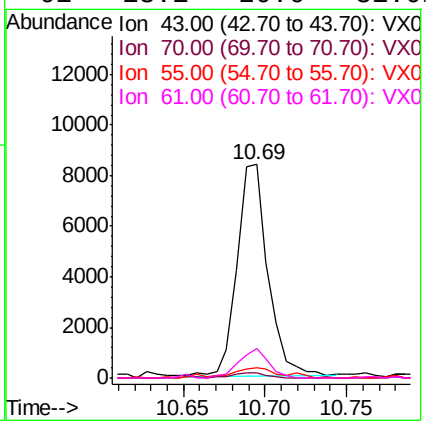


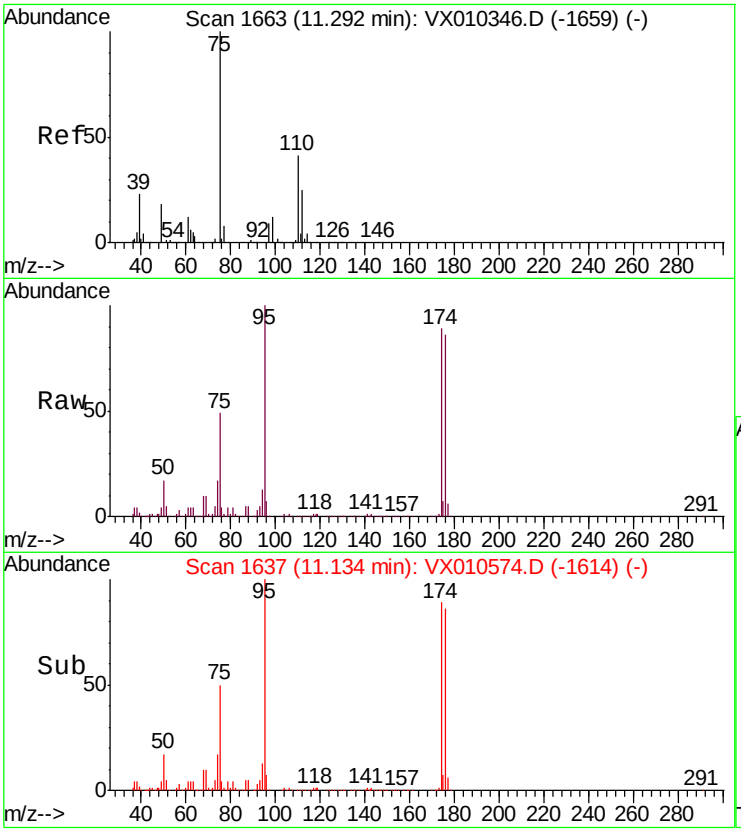


#74
N-amyl acetate
Concen: 2.590 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion: 43 Resp: 11148

Ion	Ratio	Lower	Upper
43	100		
70	2.7	36.6	54.8#
55	4.4	18.7	28.1#
61	13.1	20.6	31.0#



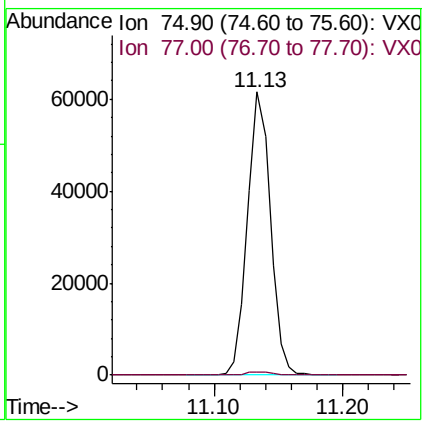


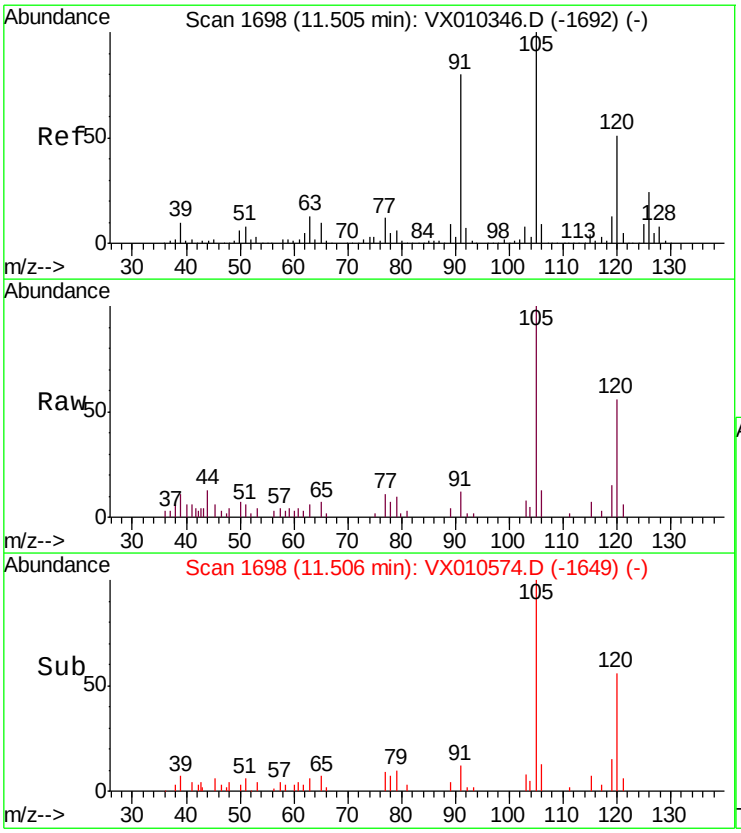
#76
1,2,3-Trichloropropane
Concen: 24.618 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 75 Resp: 75377

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.6	67.8#

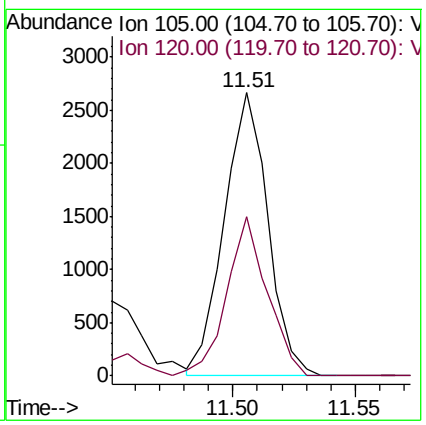


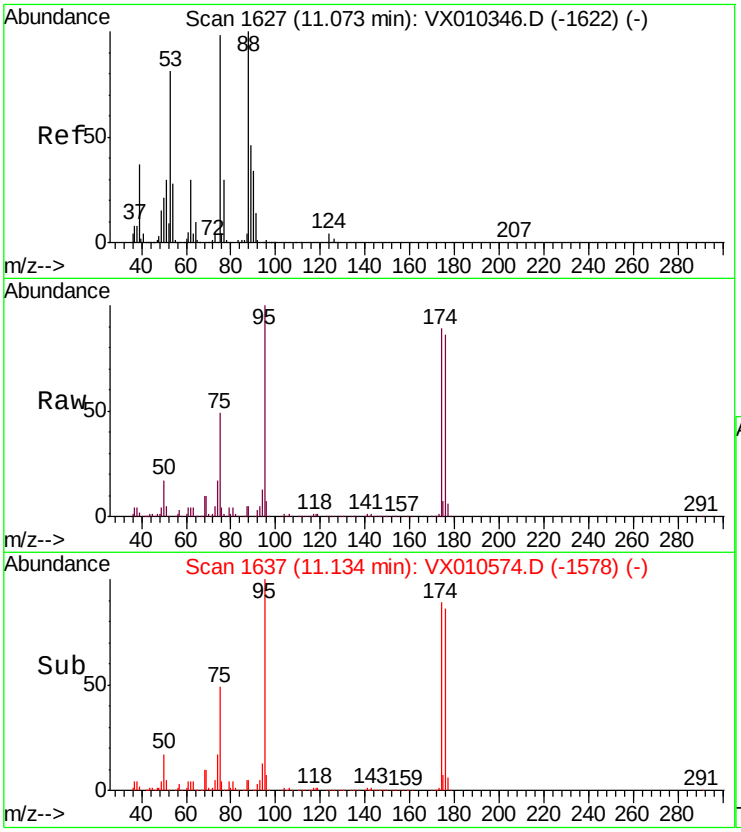


#80
1,3,5-Trimethylbenzene
Concen: 0.352 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion:105 Resp: 3301

Ion	Ratio	Lower	Upper
105	100		
120	52.2	25.2	75.6



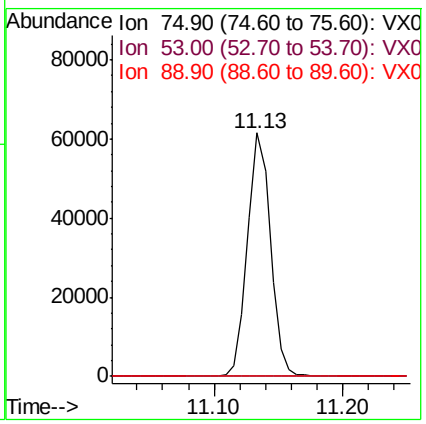


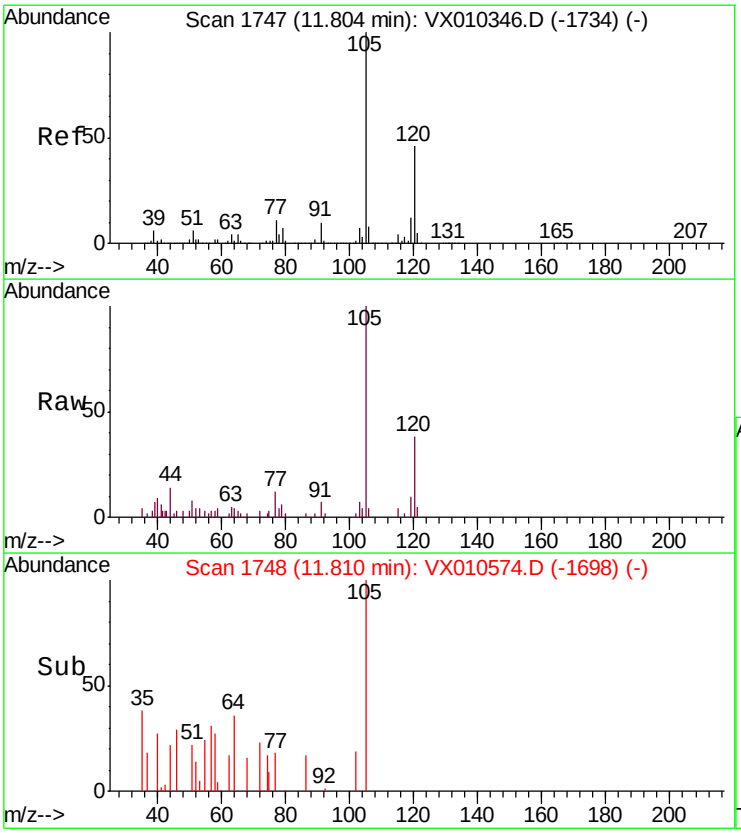
#81
trans-1,4-Dichloro-2-butene
Concen: 57.431 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 75 Resp: 75377

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.1	99.1#
89	0.0	37.8	56.6#

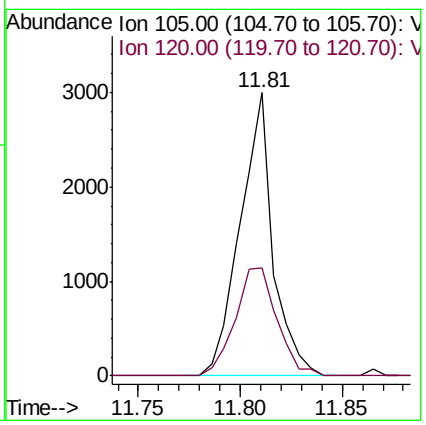


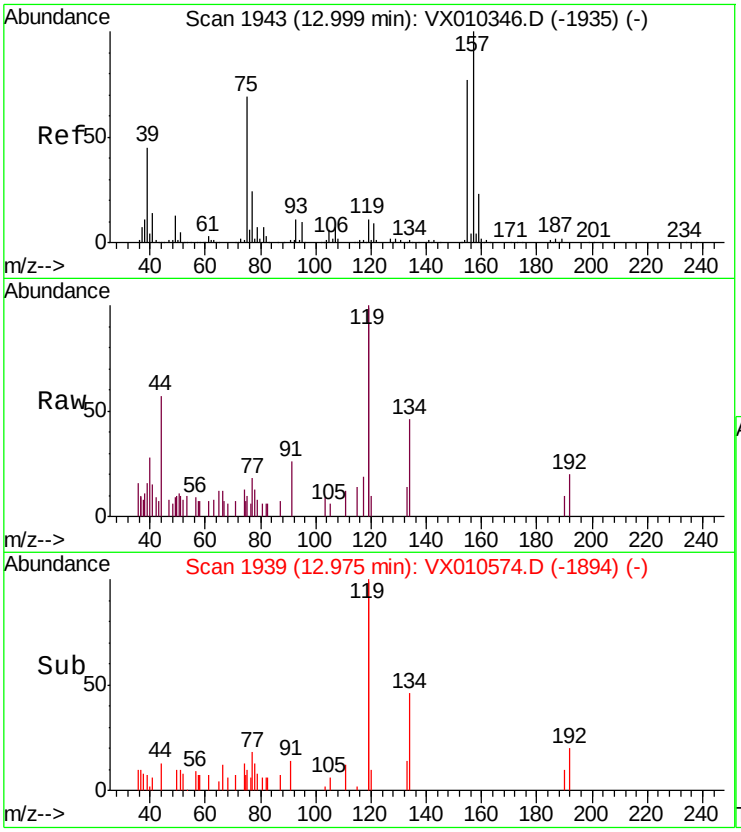


#84
1,2,4-Trimethylbenzene
Concen: 0.354 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion:105 Resp: 3339

Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.1	69.2



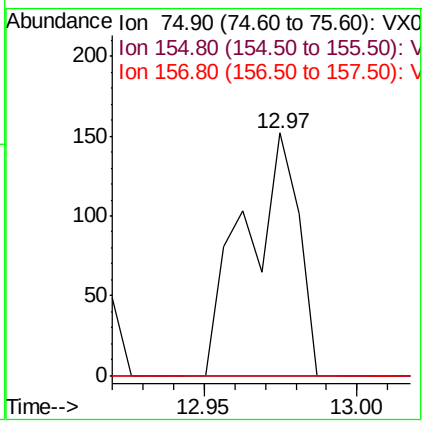


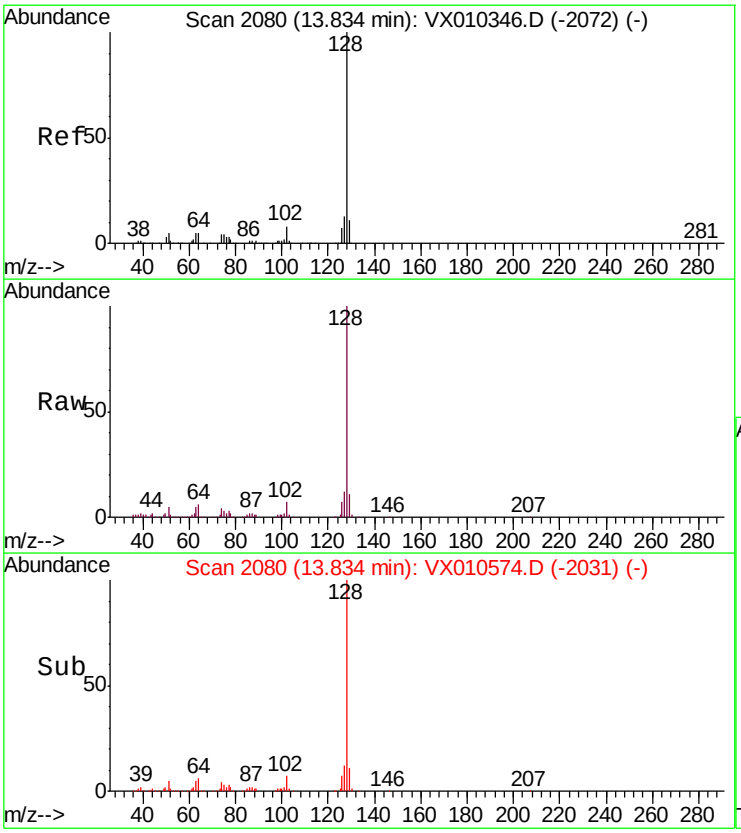
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.226 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Instrument :
MSVOA_X
ClientSampleId :
SU-01-062719-B

Tgt Ion: 75 Resp: 184

Ion	Ratio	Lower	Upper
75	100		
155	0.0	54.4	163.1#
157	0.0	69.5	208.3#





#95
Naphthalene
Concen: 2.471 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010574.D
Acq: 29 Jun 2019 07:21

Tgt Ion:128 Resp: 29050

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.9	13.3