Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004746.D
Acq On : 27 Sep 2018 01:58
Operator : JC/MD
Sample : J5029-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Quant Time: Sep 27 05:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	201746	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.54%			
35) Dibromofluoromethane	5.51	113	180575	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.28%			
50) Toluene-d8	8.72	98	605683	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.18%			
62) 4-Bromofluorobenzene	11.14	95	221061	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	773	0.281	ug/l	86
6) Chloroethane	1.65	64	1075	Below Cal	#	61
11) Tert butyl alcohol	3.07	59	30142	25.259	ug/l	98
13) Acrolein	2.29	56	372	0.438	ug/l #	1
16) Acetone	2.45	43	62462	25.069	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	81210	7.273	ug/l	95
20) Methylene Chloride	2.86	84	1049	Below Cal	#	77
25) 2-Butanone	4.71	43	1767	0.481	ug/l #	75
31) Cyclohexane	5.57	56	23987	4.417	ug/l	85
36) 1,1-Dichloropropene	5.66	75	19470	4.002	ug/l #	49
38) Carbon Tetrachloride	5.67	117	25588	5.003	ug/l #	16
39) Methylcyclohexane	7.46	83	18334	3.691	ug/l	91
48) Methyl methacrylate	7.73	41	1480	0.350	ug/l #	52
52) Toluene	8.79	92	3672	0.439	ug/l	95
56) Ethyl methacrylate	9.17	69	531	2.946	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	20	14.248	ug/l #	45
65) Chlorobenzene	10.14	112	3456	0.333	ug/l #	87
68) m/p-Xylenes	10.36	106	5130	0.797	ug/l	97
69) o-Xylene	10.70	106	1565	0.265	ug/l	83
70) Styrene	10.71	104	286	2.165	ug/l #	1
73) Isopropylbenzene	11.02	105	8797	0.600	ug/l	100
74) N-amyl acetate	10.90	43	308	1.785	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	109831	21.064	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	1128	Below Cal		99
81) trans-1,4-Dichloro-2-buten	11.14	75	109831	57.153	ug/l #	10
83) tert-Butylbenzene	11.77	119	7725	0.640	ug/l	93
84) 1,2,4-Trimethylbenzene	11.81	105	2614	Below Cal		99
85) sec-Butylbenzene	11.94	105	9777	0.665	ug/l #	55
86) p-Isopropyltoluene	12.23	119	27435	2.059	ug/l	96
89) n-Butylbenzene	12.37	91	13088	1.082	ug/l #	38
90) Hexachloroethane	12.67	117	50920	22.955	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	12.97	75	3261	2.488	ug/l #	1
95) Naphthalene	13.83	128	4294	0.938	ug/l #	50

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004746.D
Acq On : 27 Sep 2018 01:58
Operator : JC/MD
Sample : J5029-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Quant Time: Sep 27 05:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

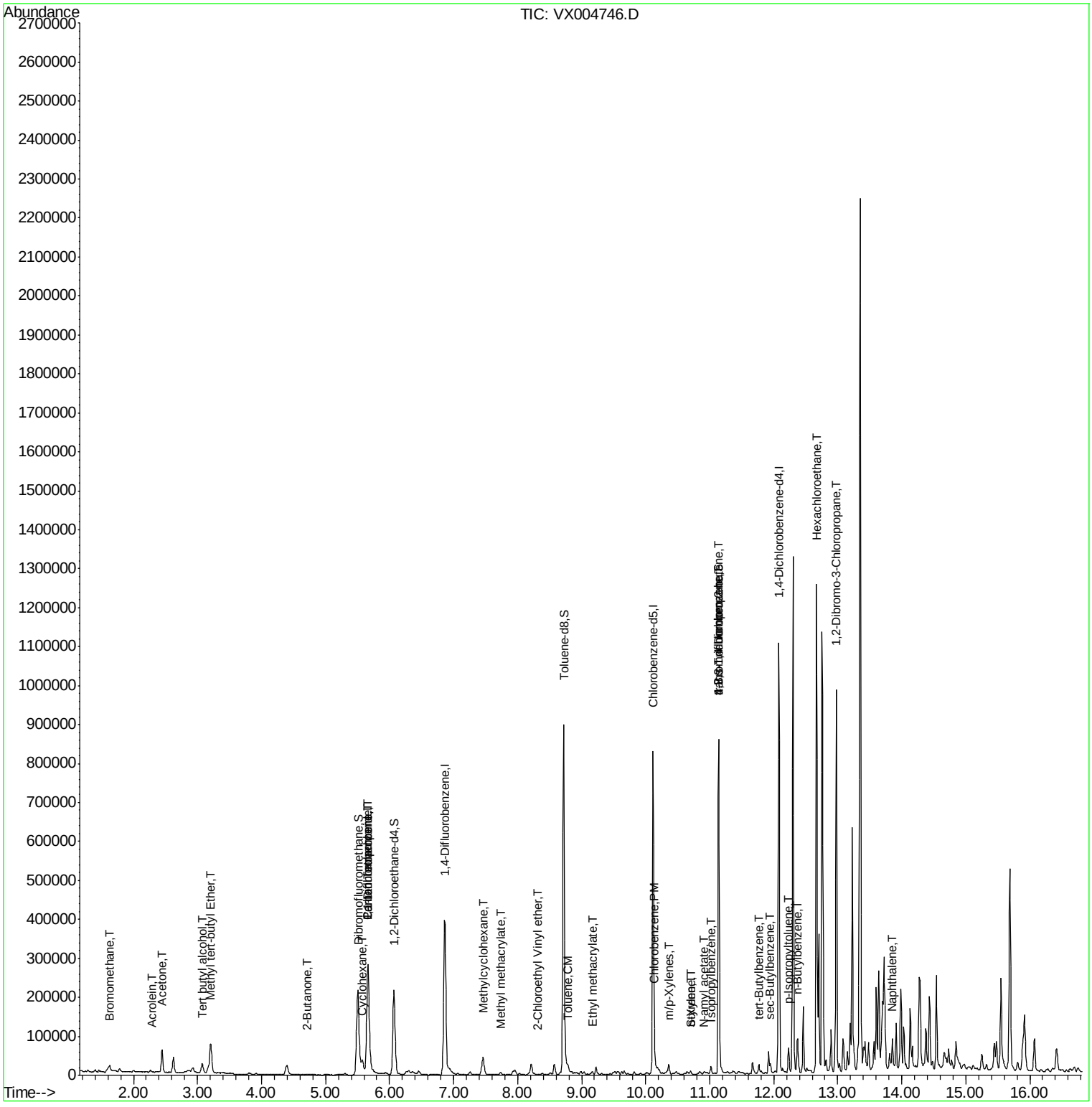
(#) = qualifier out of range (m) = manual integration (+) = signals summed

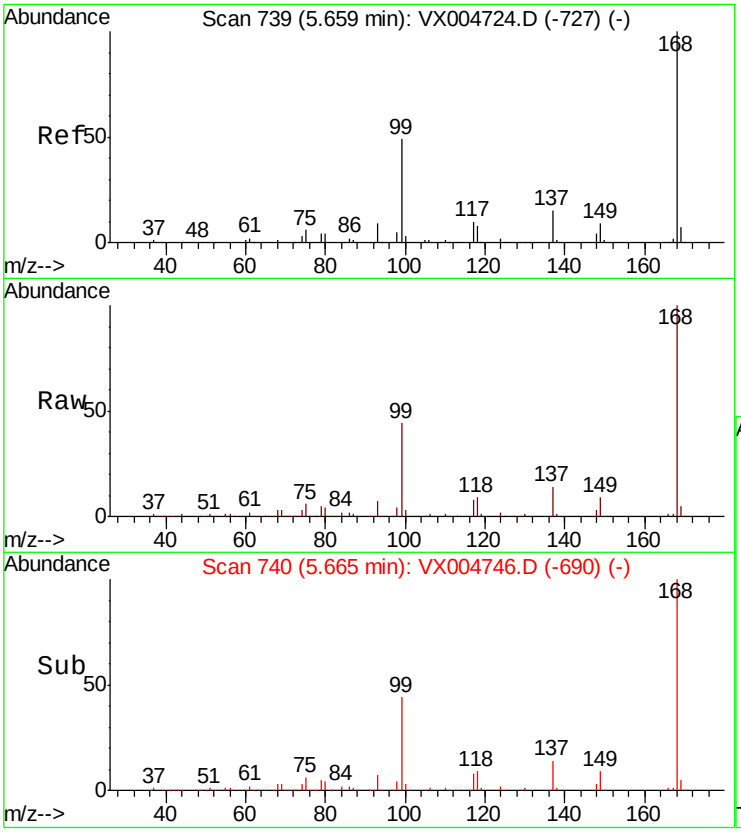
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092618\
Data File : VX004746.D
Acq On : 27 Sep 2018 01:58
Operator : JC/MD
Sample : J5029-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Quant Time: Sep 27 05:22:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



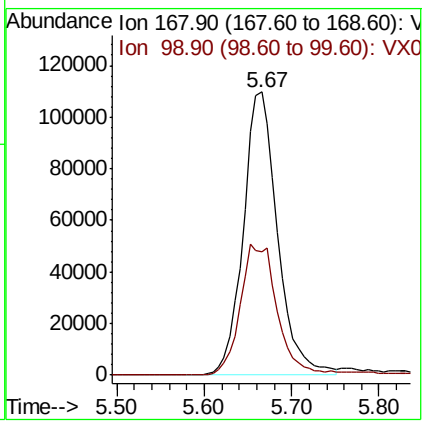


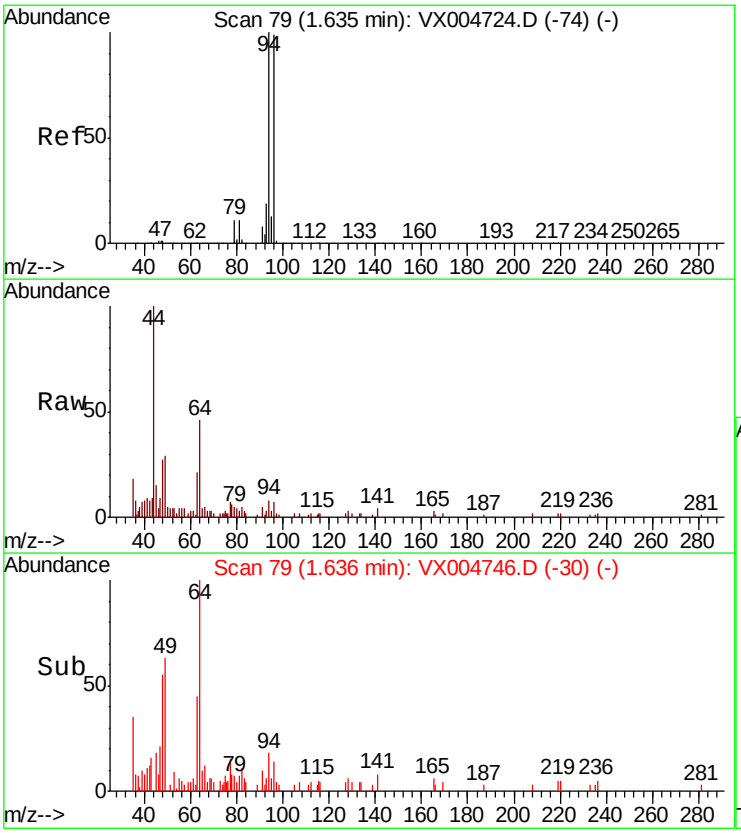
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:168 Resp: 298763

Ion	Ratio	Lower	Upper
168	100		
99	43.6	39.9	59.9

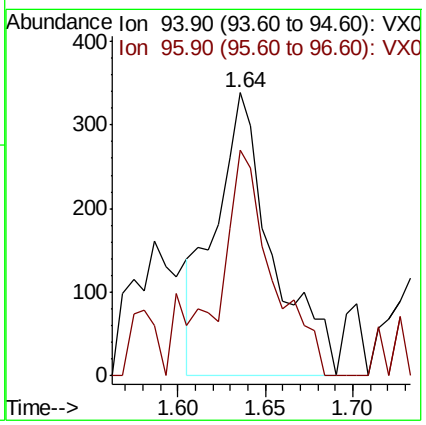


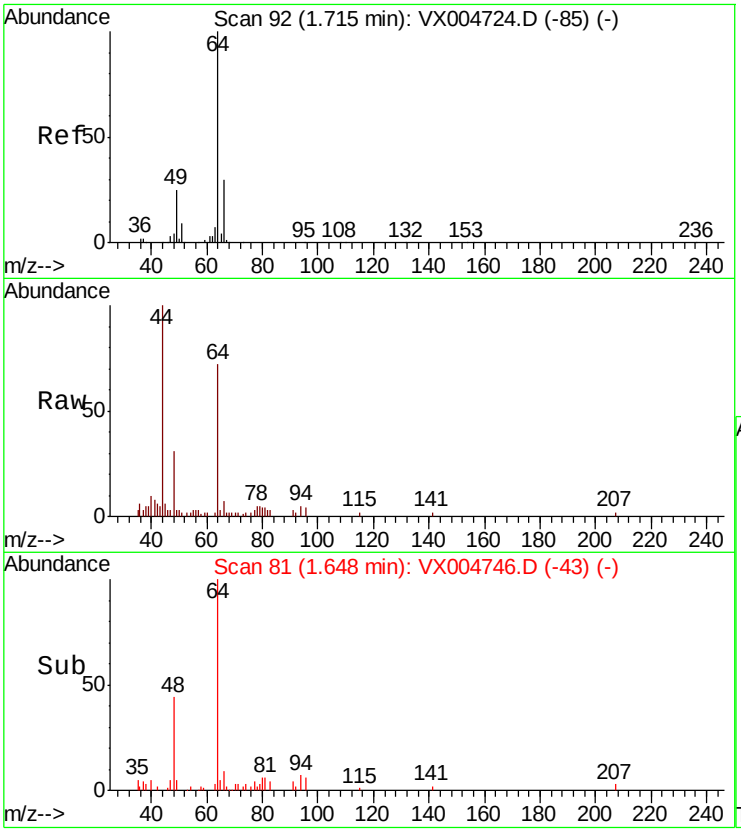


#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 94 Resp: 773

Ion	Ratio	Lower	Upper
94	100		
96	79.9	74.5	111.7



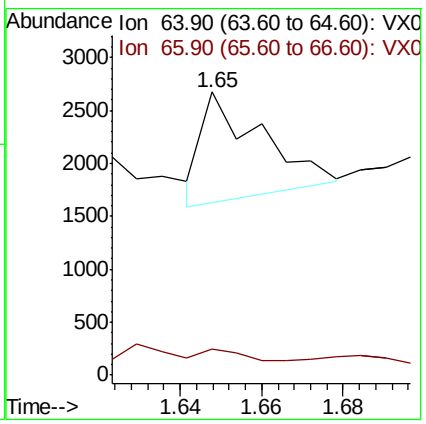


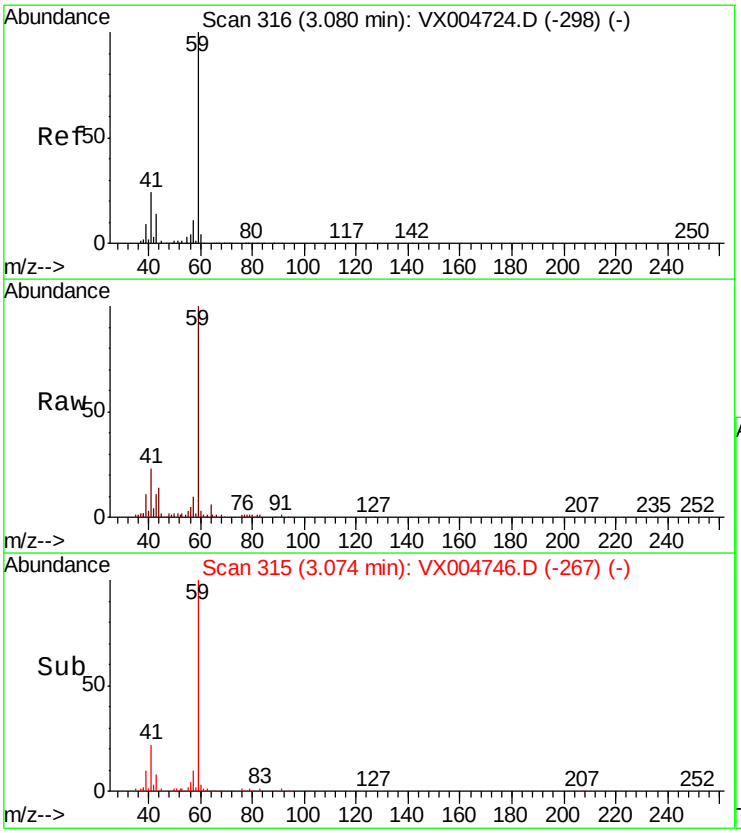
#6
Chloroethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. -0.07 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 64 Resp: 1075

Ion	Ratio	Lower	Upper
64	100		
66	9.3	24.6	36.8#

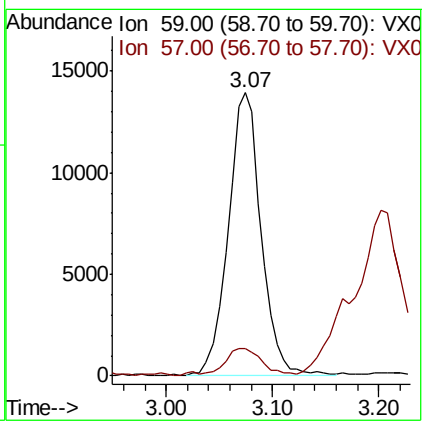


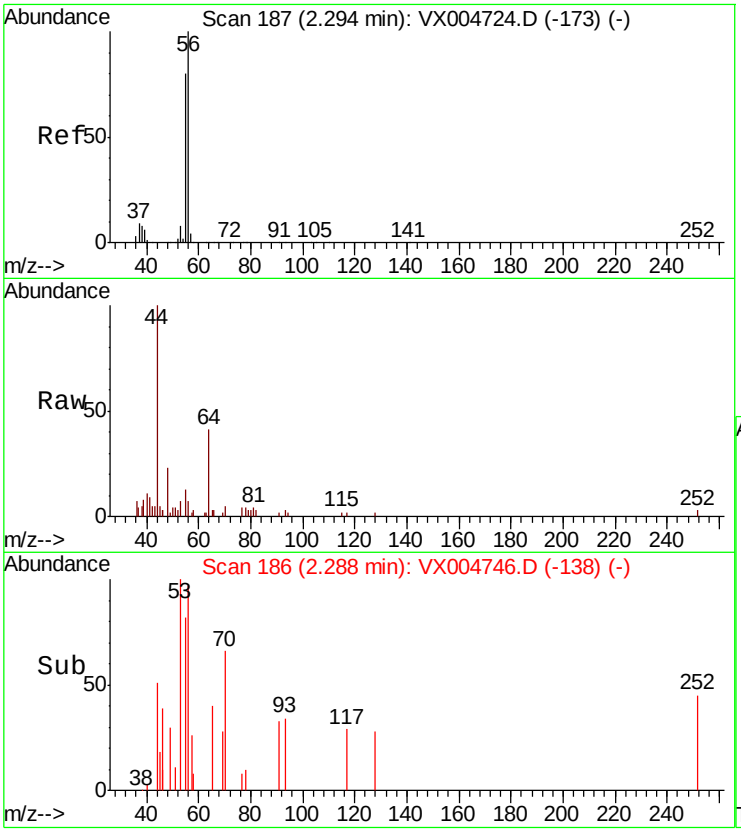


#11
Tert butyl alcohol
Concen: 25.259 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 59 Resp: 30142

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.2	12.4



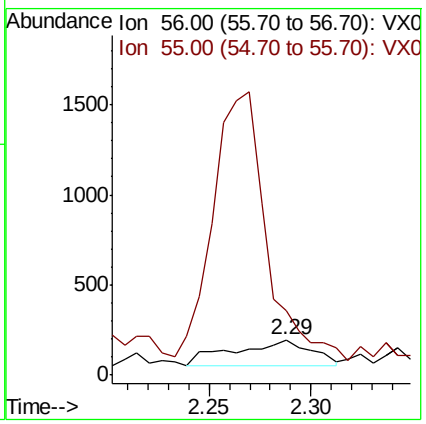


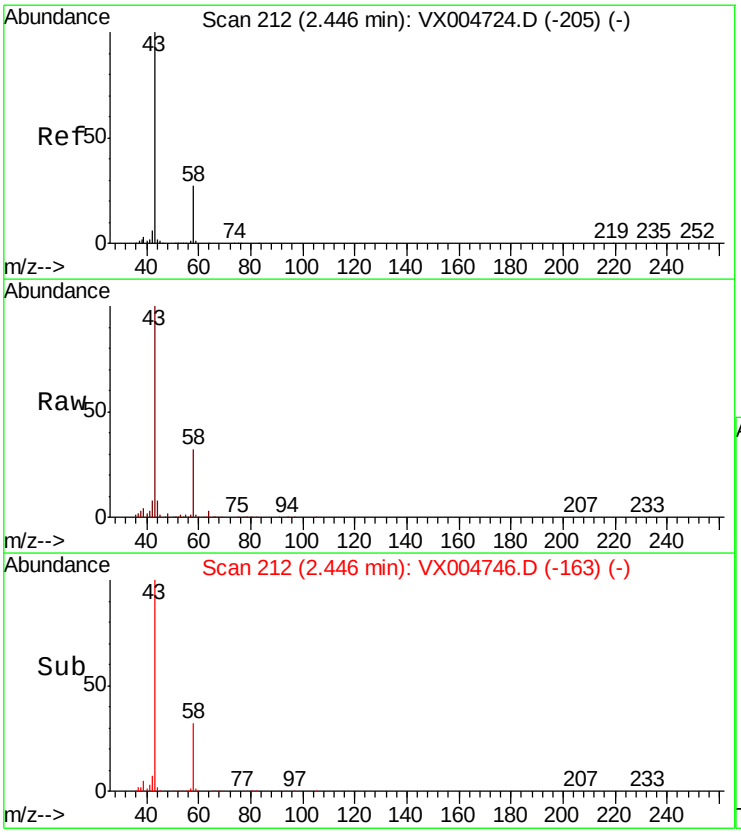
#13
Acrolein
Concen: 0.438 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 56 Resp: 372

Ion	Ratio	Lower	Upper
56	100		
55	731.7	54.7	82.1#

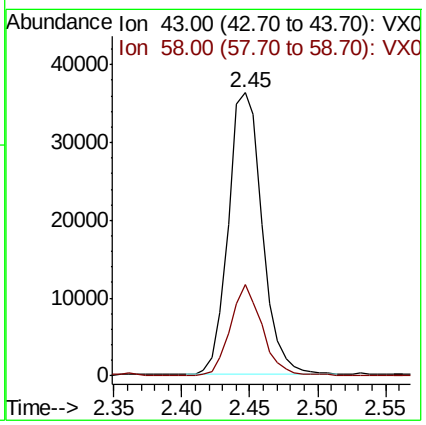


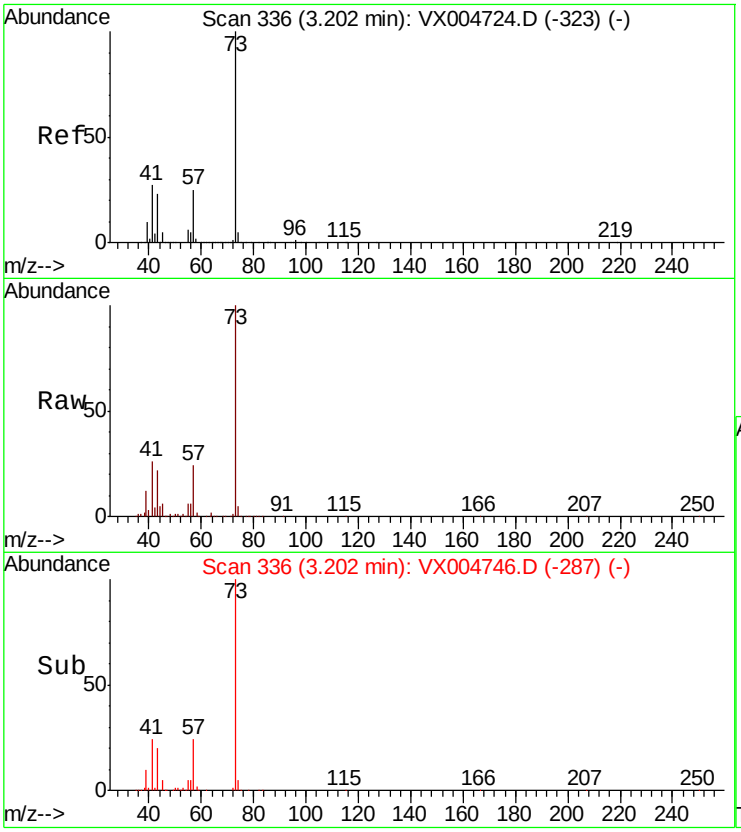


#16
Acetone
Concen: 25.069 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 43 Resp: 62462

Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.2	39.4



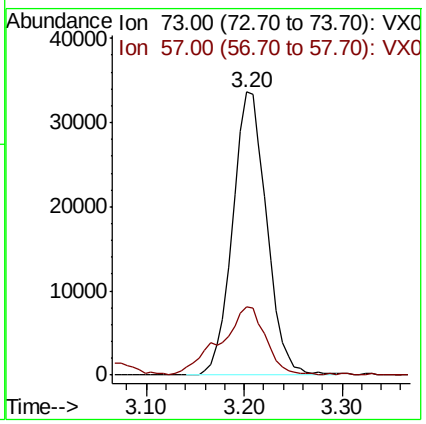


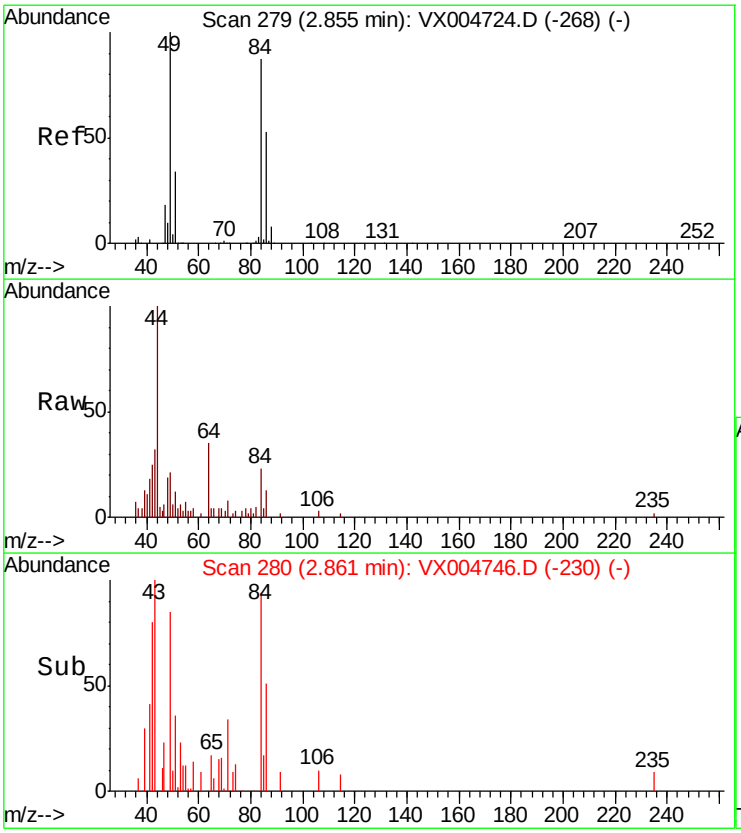
#19
Methyl tert-butyl Ether
Concen: 7.273 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 73 Resp: 81210

Ion	Ratio	Lower	Upper
73	100		
57	23.8	17.1	25.7

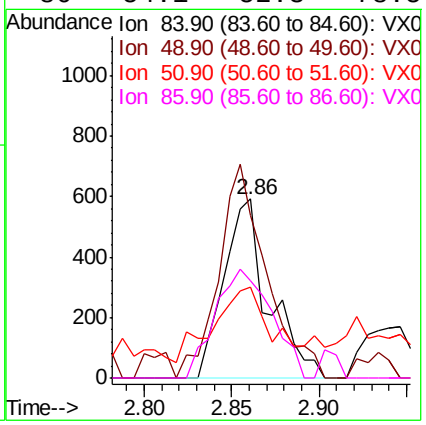


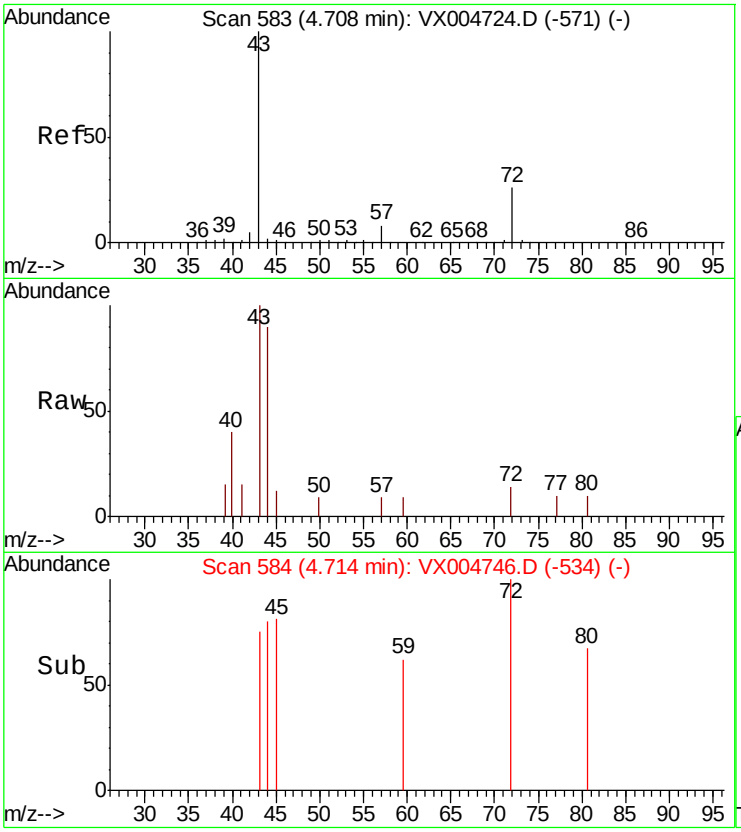


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 84 Resp: 1049

Ion	Ratio	Lower	Upper
84	100		
49	90.9	101.2	151.8#
51	31.8	29.5	44.3
86	54.1	52.3	78.5



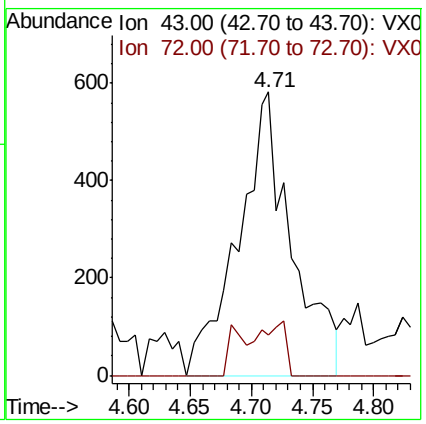


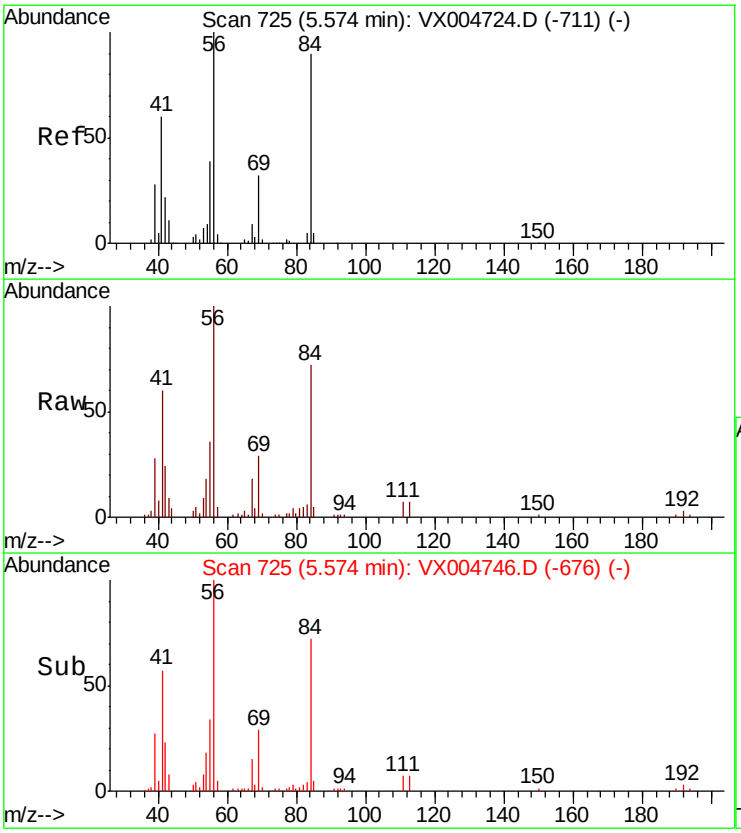
#25
2-Butanone
Concen: 0.481 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 43 Resp: 1767

Ion	Ratio	Lower	Upper
43	100		
72	14.4	22.0	33.0#

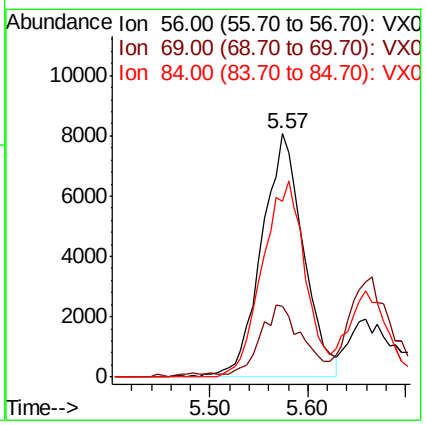


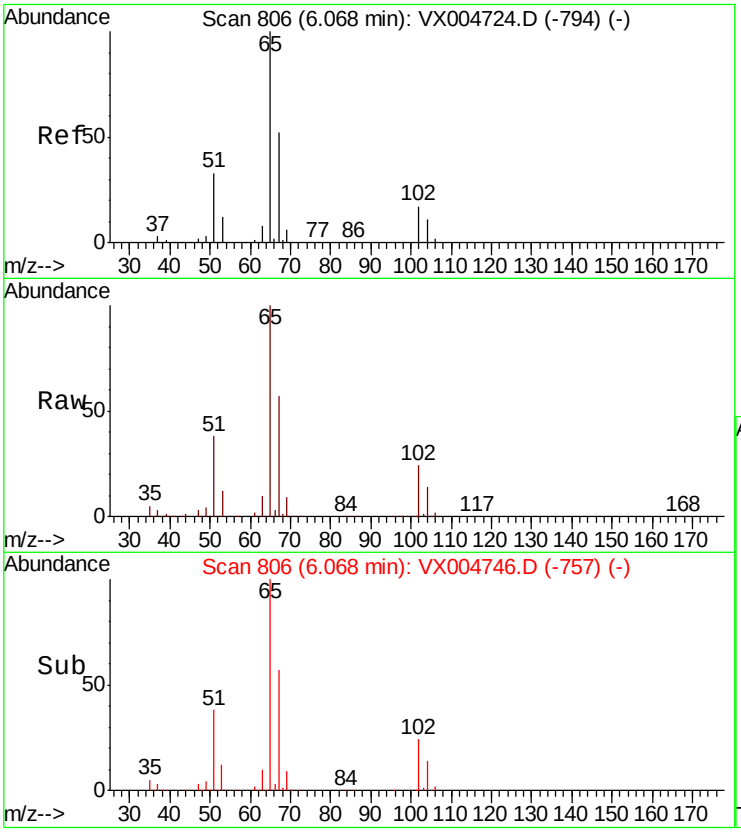


#31
Cyclohexane
Concen: 4.417 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 56 Resp: 23987

Ion	Ratio	Lower	Upper
56	100		
69	27.6	25.4	38.2
84	72.4	71.4	107.2



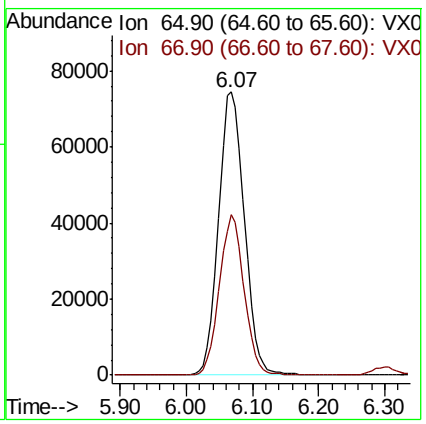


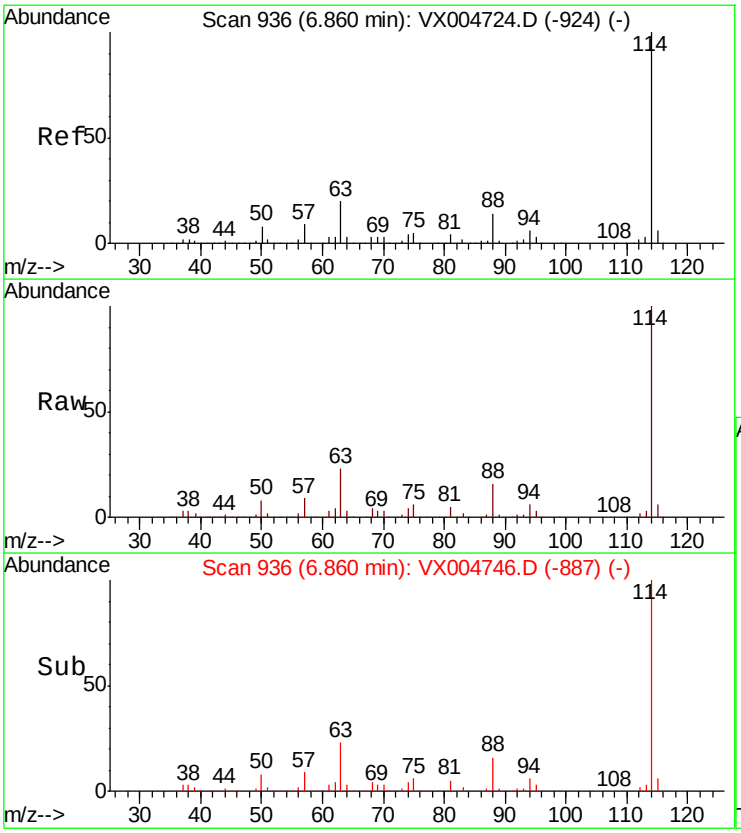
#33
1,2-Dichloroethane-d4
Concen: 47.271 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 65 Resp: 201746

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8

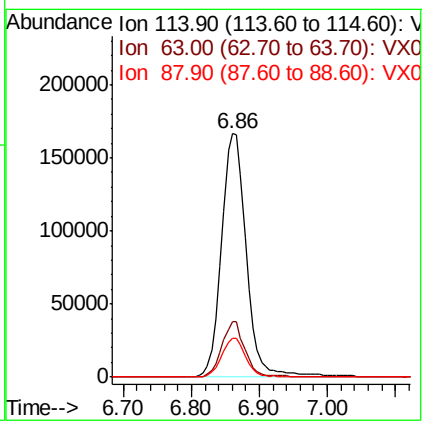


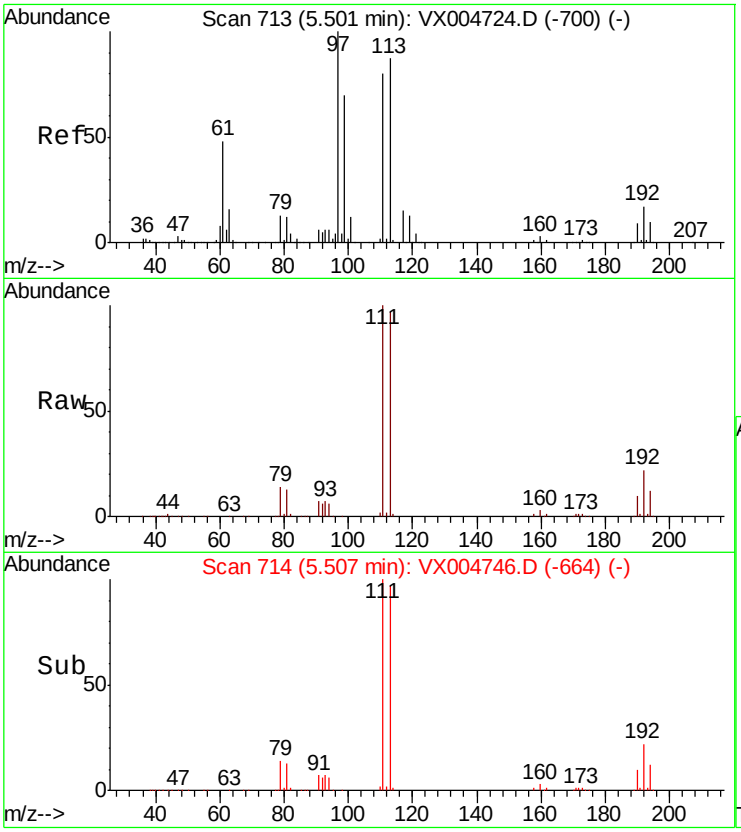


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion:114 Resp: 420738

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	39.0
88	16.2	0.0	30.4



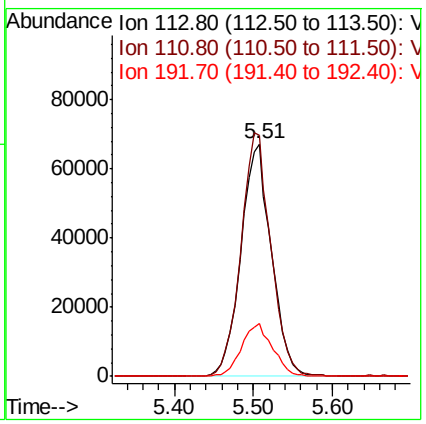


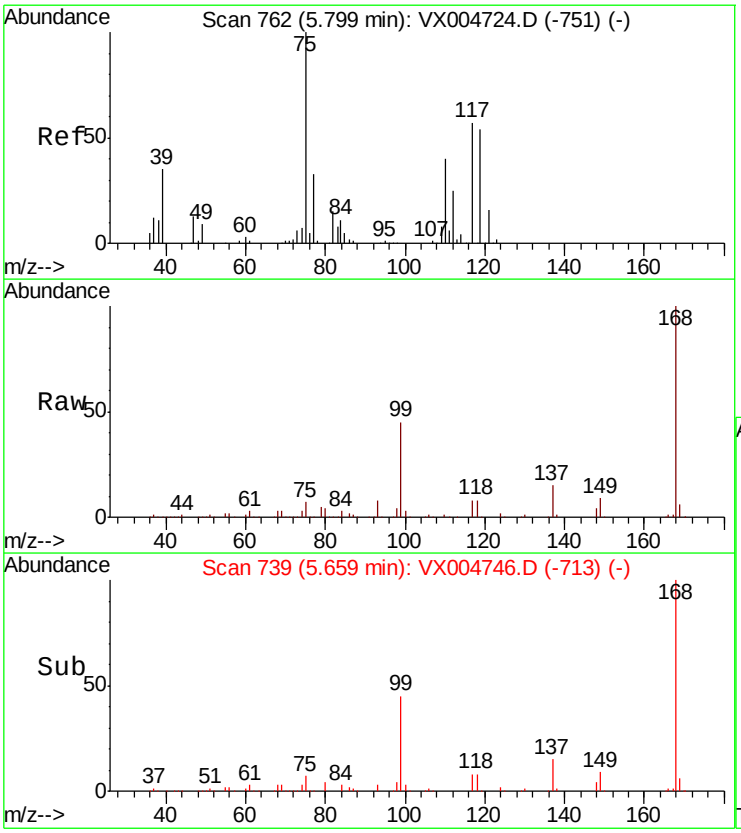
#35
Dibromofluoromethane
Concen: 50.641 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:113 Resp: 180575

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	23.3	19.4	29.2

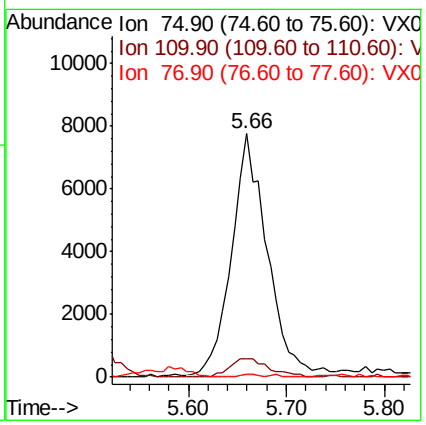


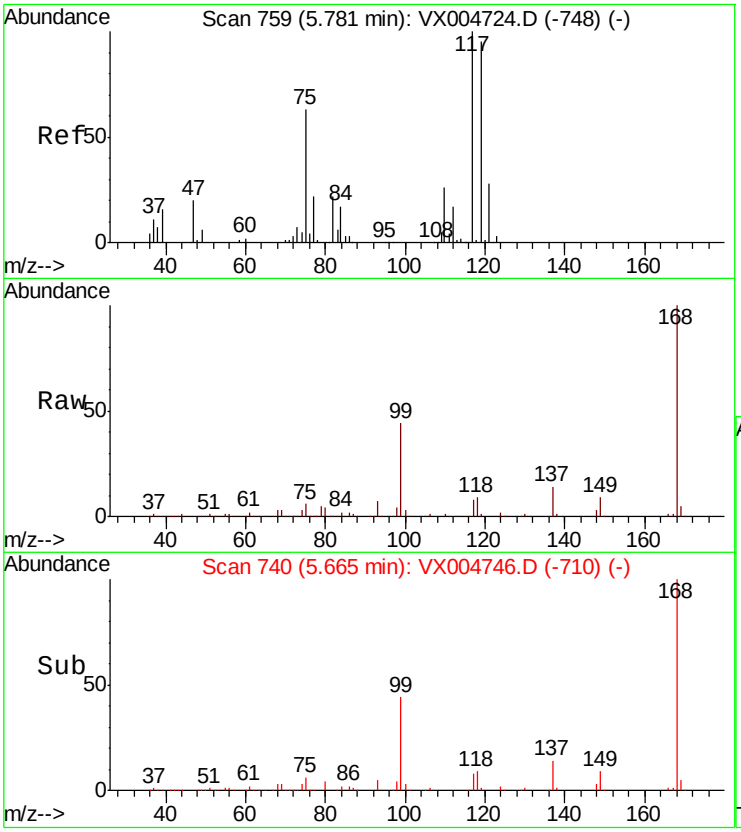


#36
1,1-Dichloropropene
Concen: 4.002 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 75 Resp: 19470

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.0	54.0#
77	0.5	24.6	36.8#



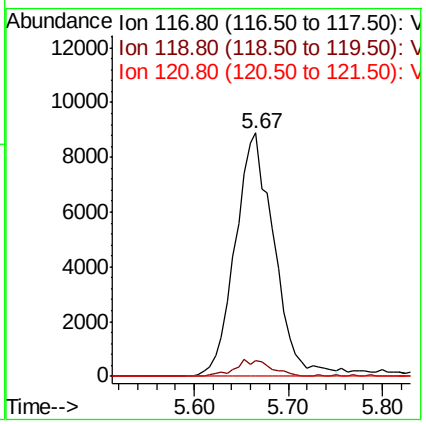


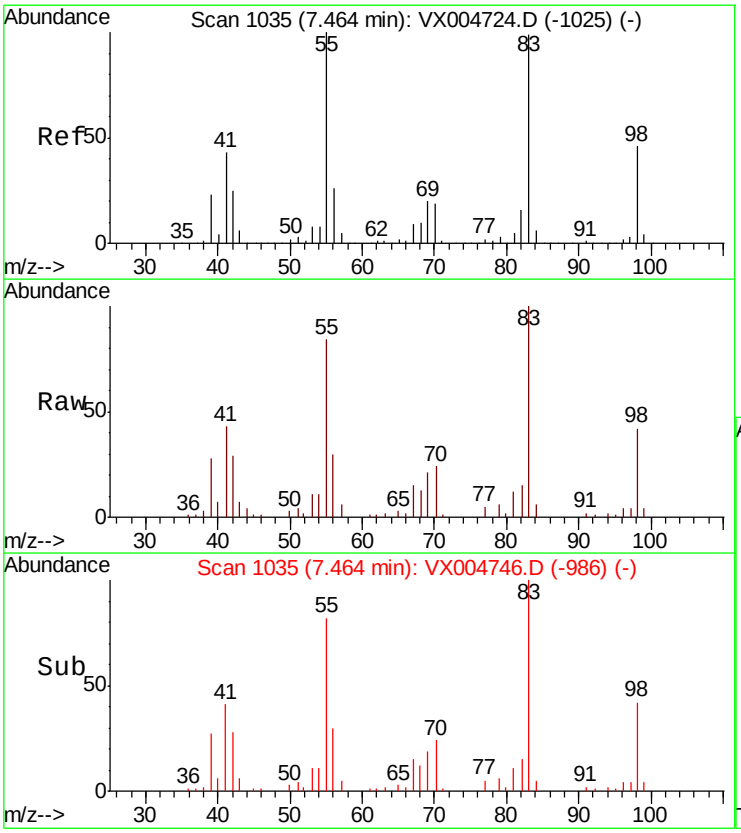
#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:117 Resp: 25588

Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.8	118.2#
121	0.0	24.9	37.3#

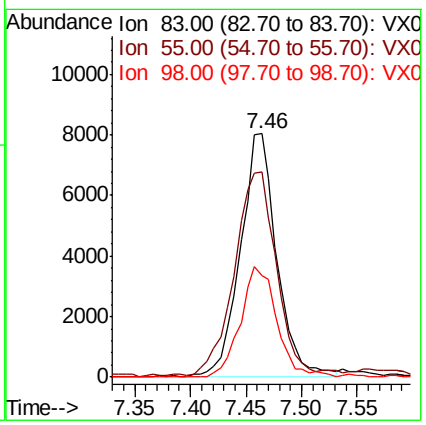


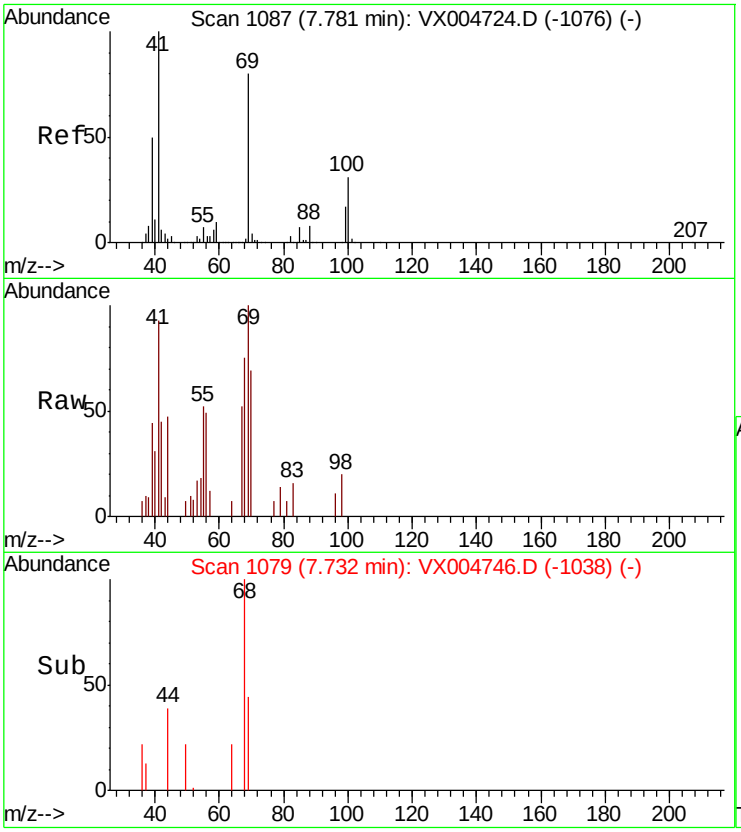


#39
Methylcyclohexane
Concen: 3.691 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 83 Resp: 18334

Ion	Ratio	Lower	Upper
83	100		
55	83.3	61.0	91.4
98	41.9	39.6	59.4



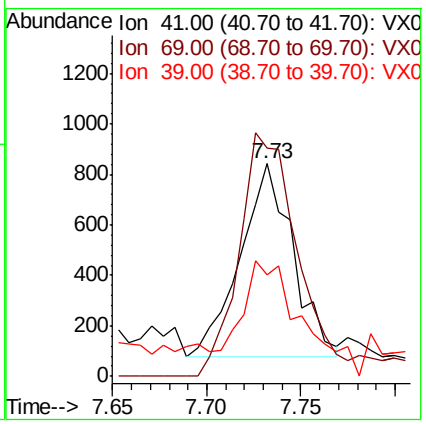


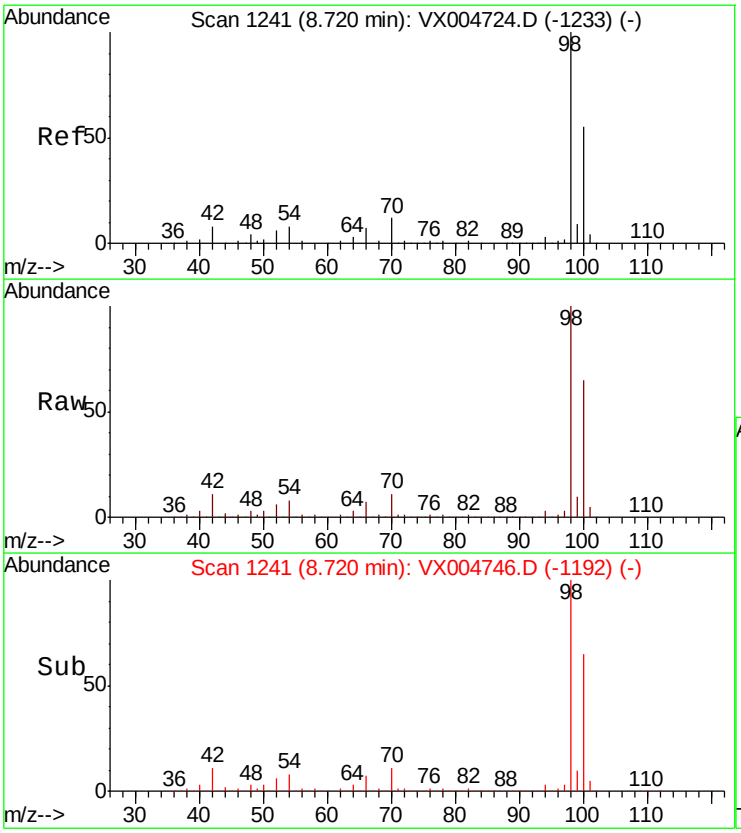
#48
Methyl methacrylate
Concen: 0.350 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Tgt Ion: 41 Resp: 1480

Ion	Ratio	Lower	Upper
41	100		
69	147.2	70.2	105.4#
39	69.5	42.7	64.1#

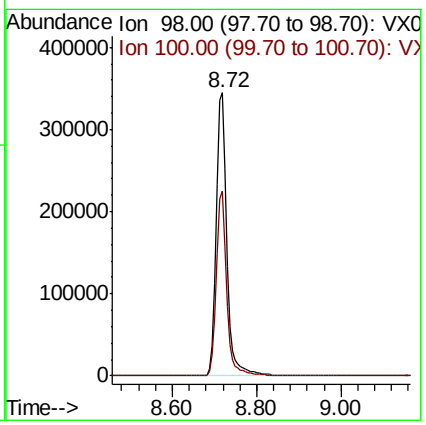


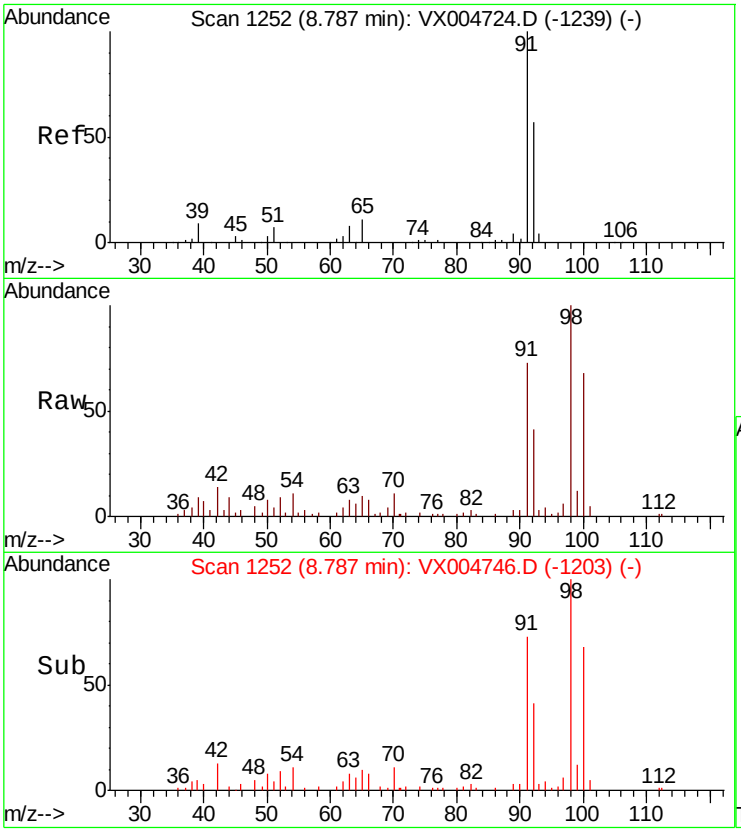


#50
Toluene-d8
Concen: 51.093 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 98 Resp: 605683

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3



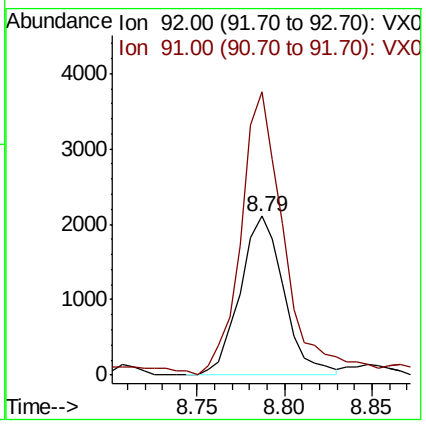


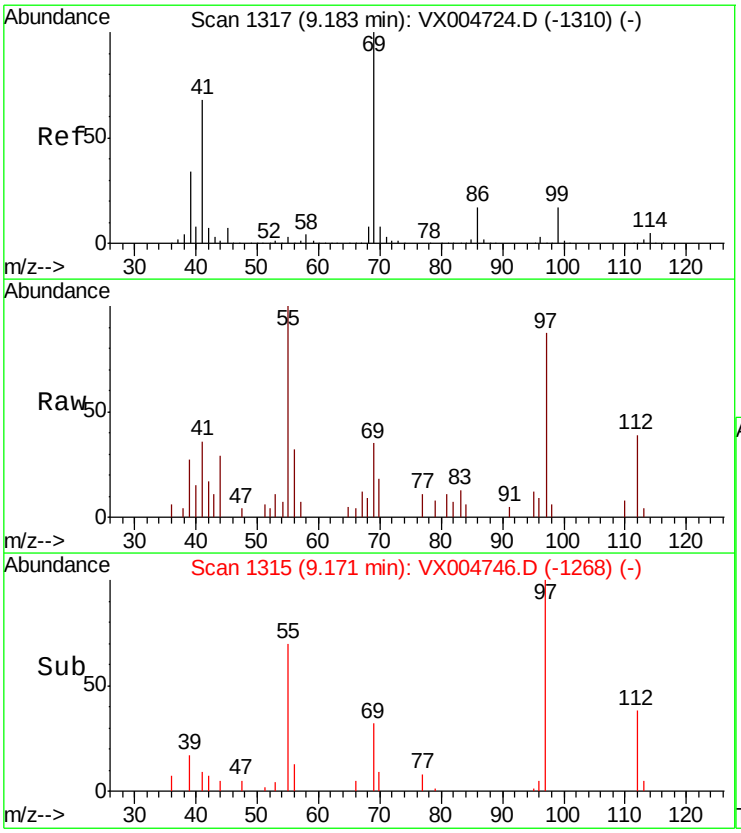
#52
Toluene
Concen: 0.439 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 92 Resp: 3672

Ion	Ratio	Lower	Upper
92	100		
91	176.9	136.4	204.6

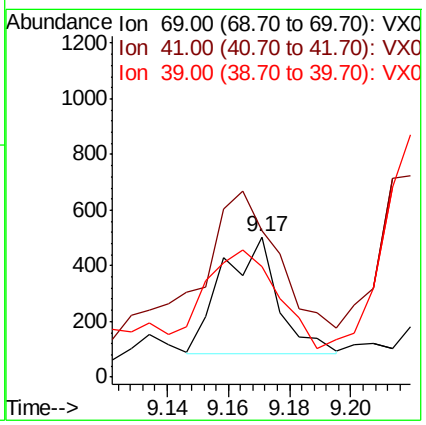


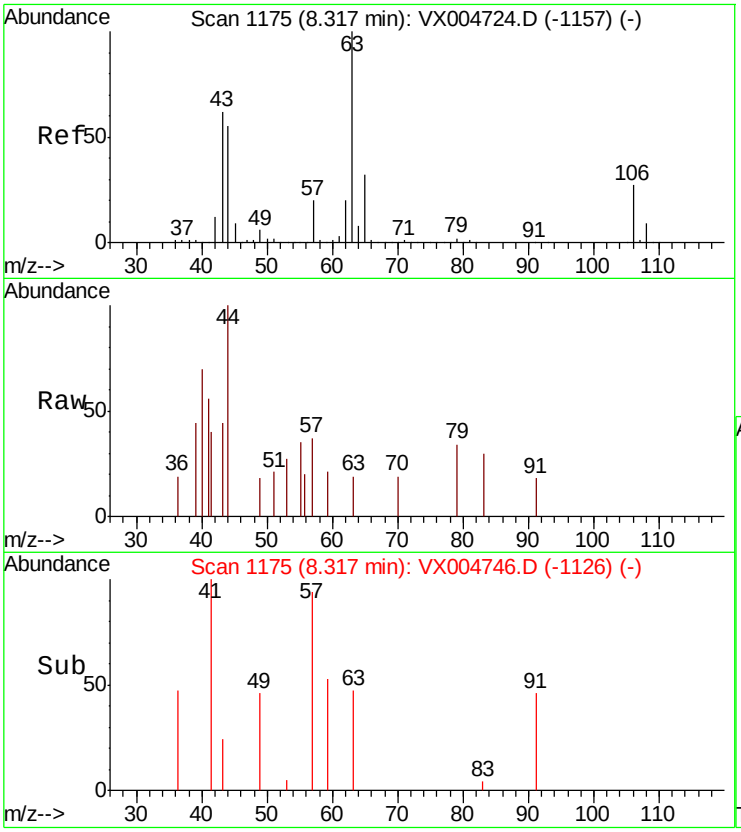


#56
Ethyl methacrylate
Concen: 2.946 ug/l
RT: 9.17 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 69 Resp: 531

Ion	Ratio	Lower	Upper
69	100		
41	179.8	51.0	76.4#
39	133.1	26.1	39.1#



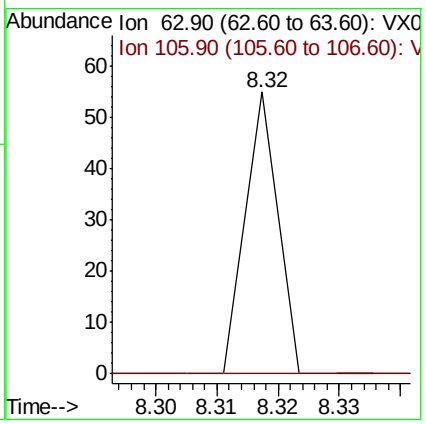


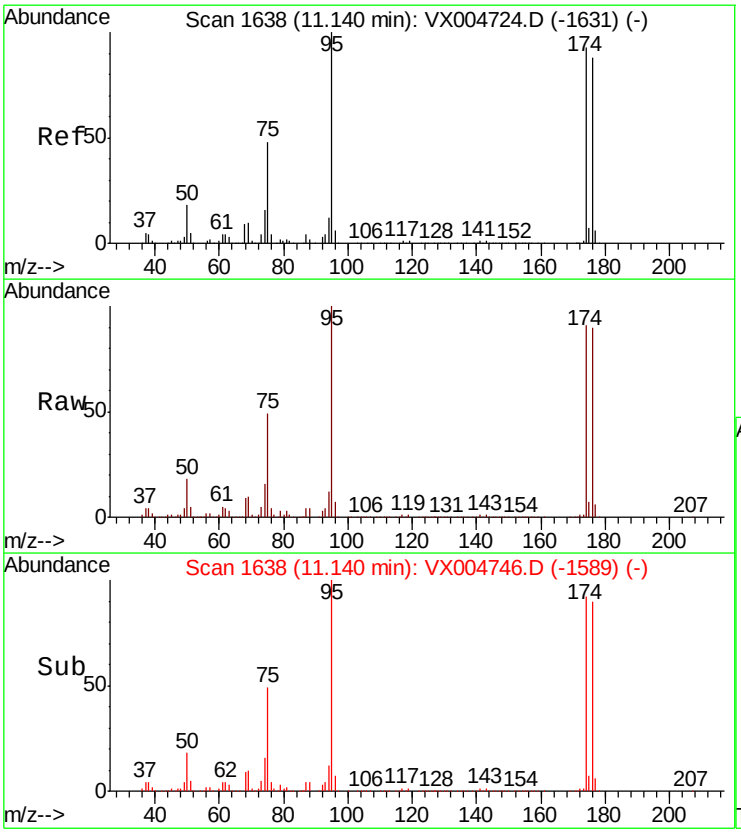
#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.32 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

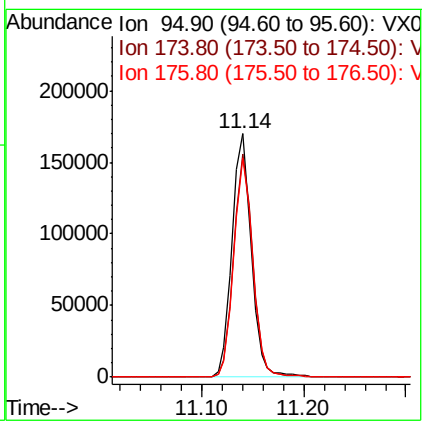


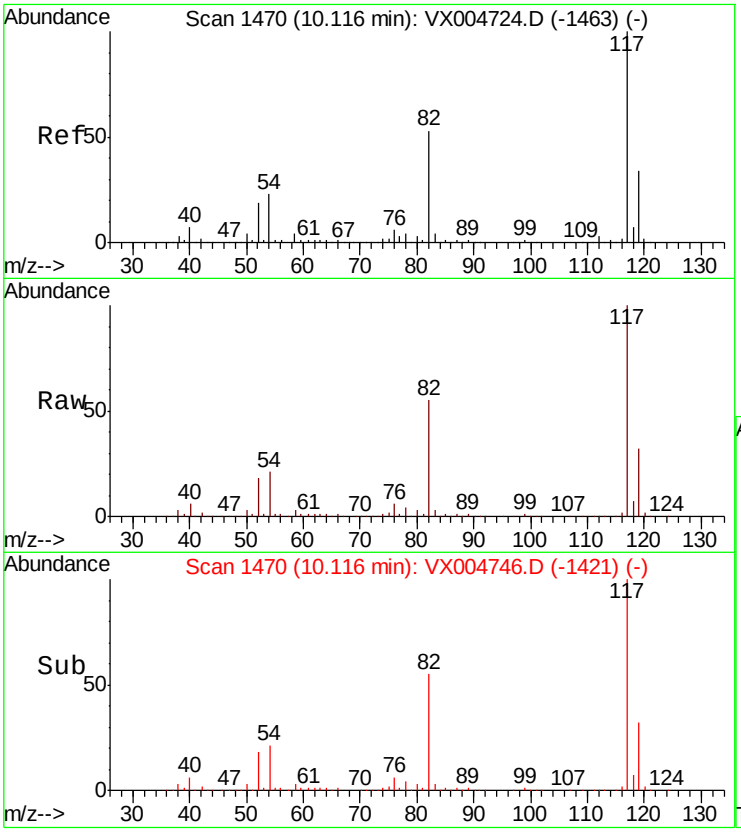


#62
4-Bromofluorobenzene
Concen: 51.763 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 95 Resp: 221061

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	185.2
176	88.6	0.0	178.6



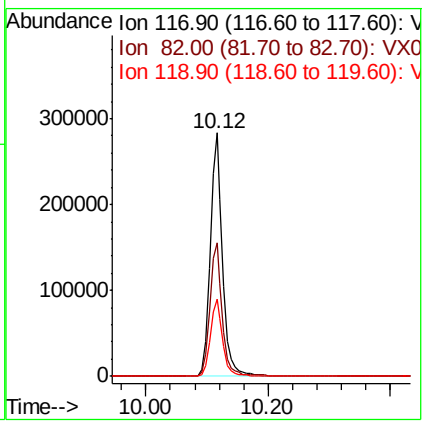


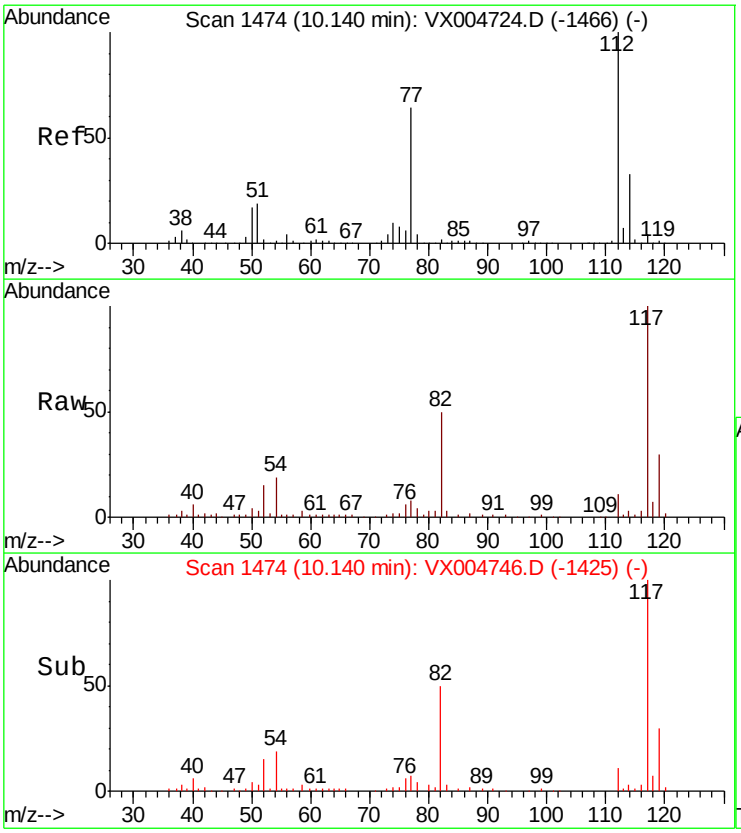
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Tgt Ion:117 Resp: 404601

Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.6
119	31.9	29.3	43.9

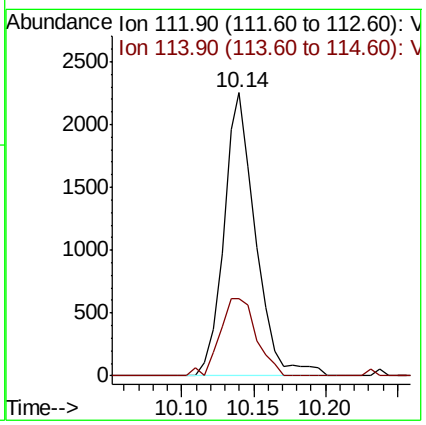


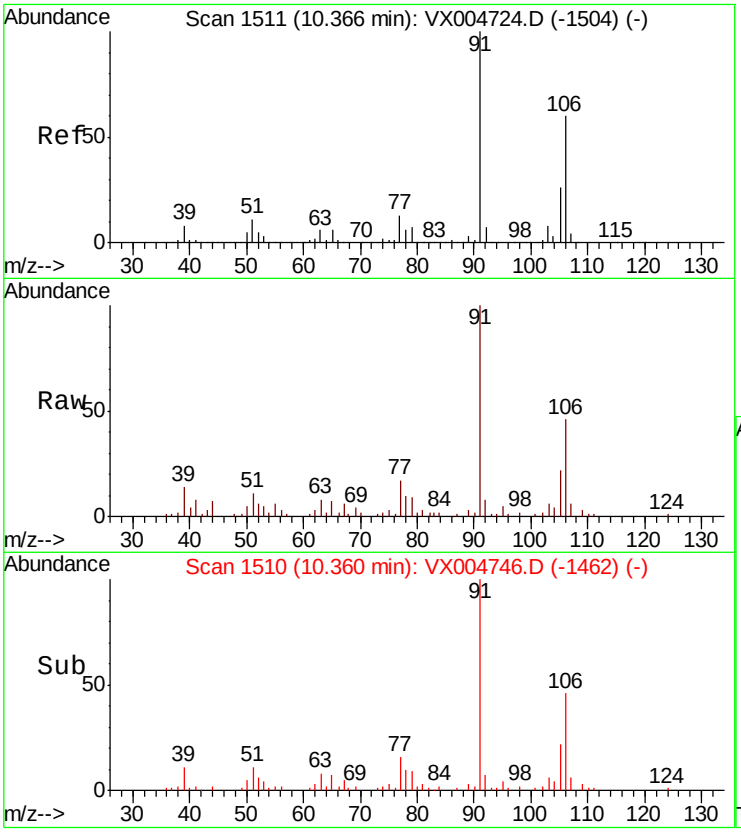


#65
Chlorobenzene
Concen: 0.333 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion:112 Resp: 3456

Ion	Ratio	Lower	Upper
112	100		
114	27.2	27.8	41.8#



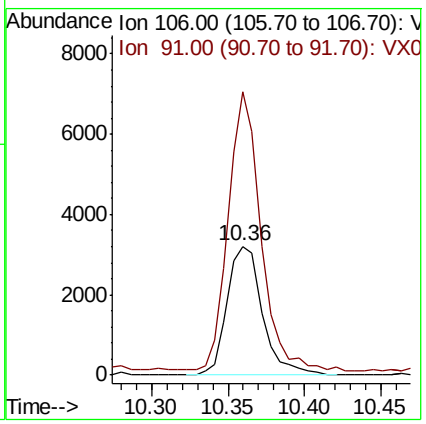


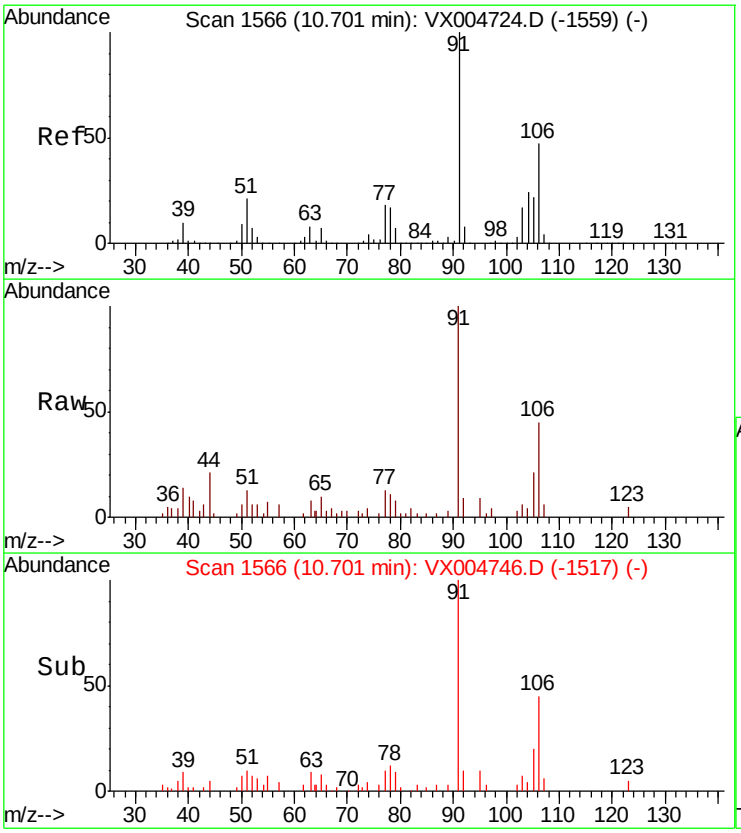
#68
m/p-Xylenes
Concen: 0.797 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:106 Resp: 5130

Ion	Ratio	Lower	Upper
106	100		
91	200.6	157.1	235.7

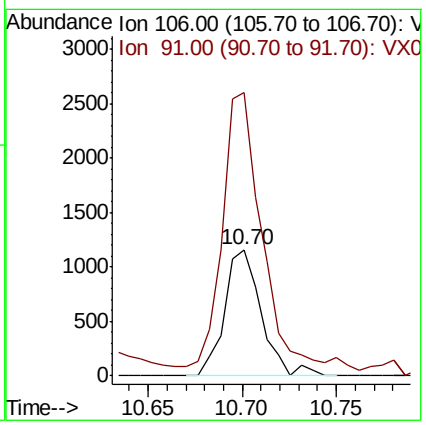


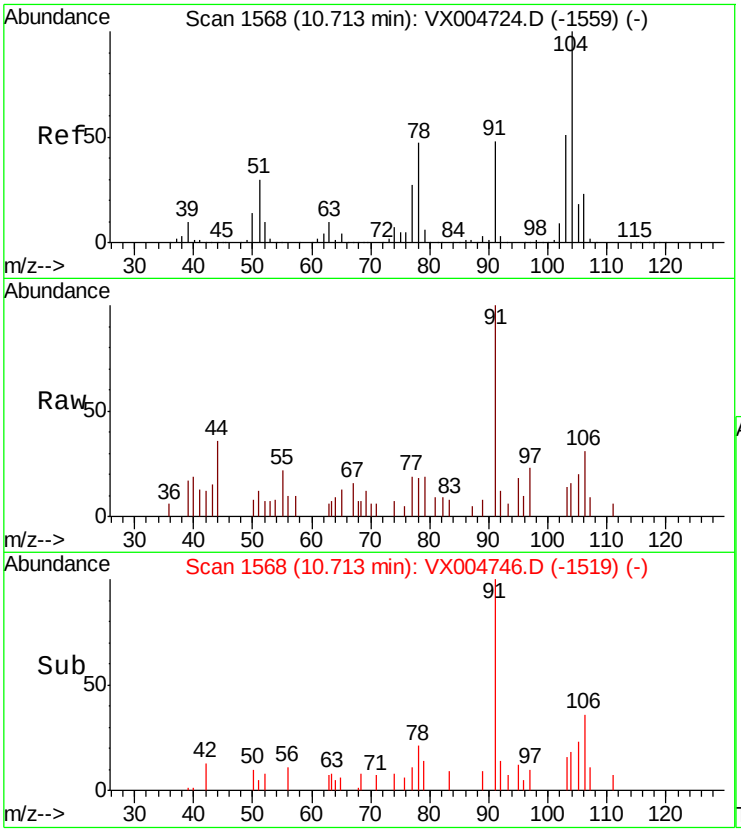


#69
o-Xylene
Concen: 0.265 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion:106 Resp: 1565

Ion	Ratio	Lower	Upper
106	100		
91	236.7	105.1	315.1



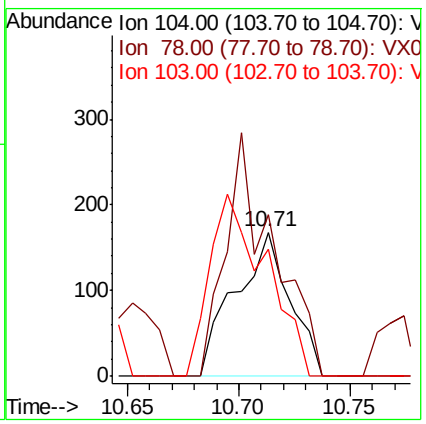


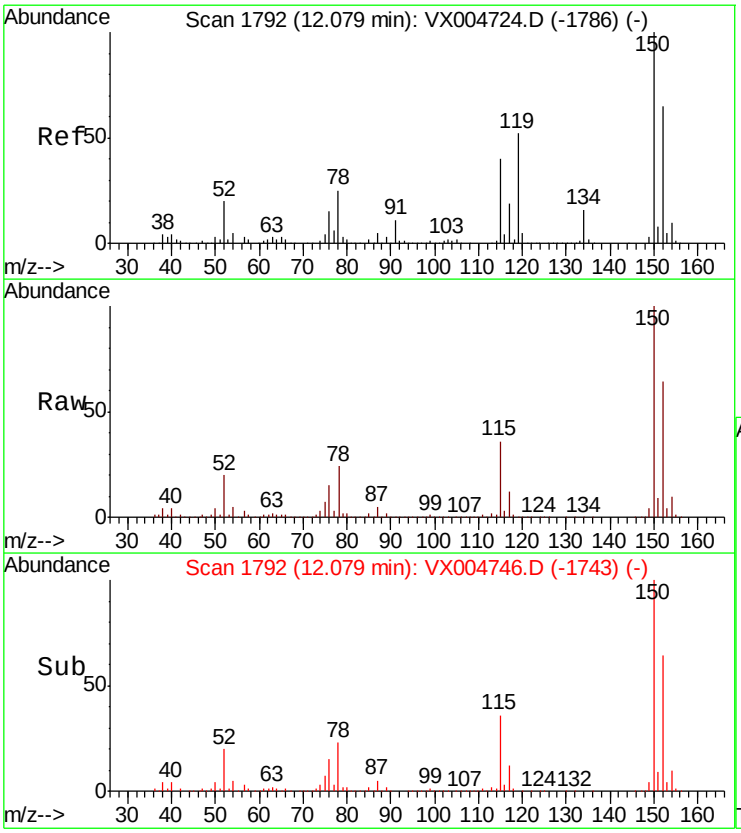
#70
Stvrene
Concen: 2.165 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:104 Resp: 286

Ion	Ratio	Lower	Upper
104	100		
78	147.2	37.4	56.0#
103	130.1	43.8	65.6#

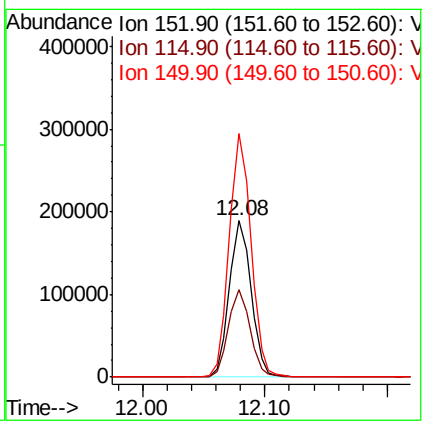


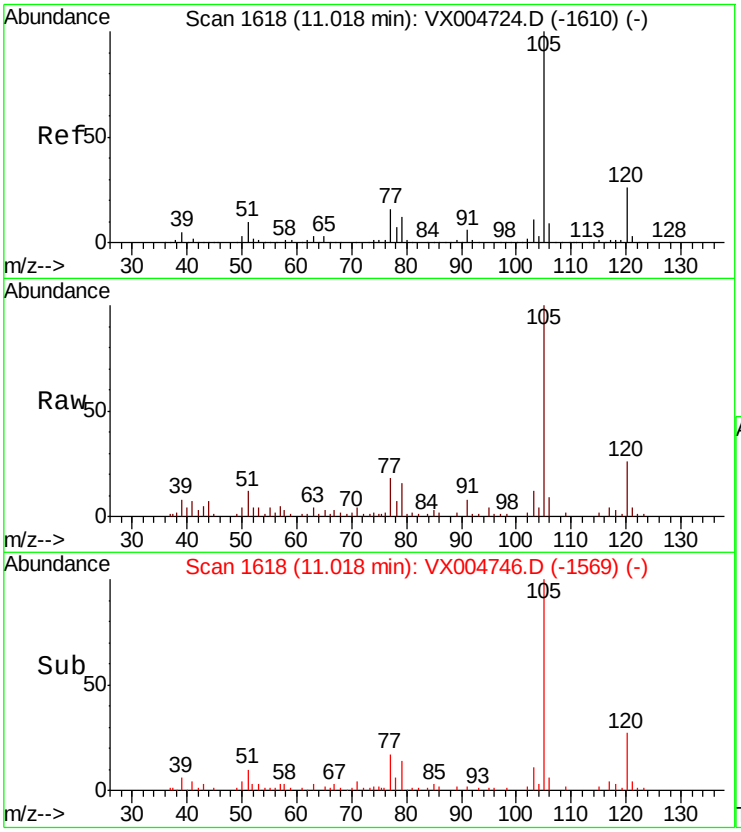


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion:152 Resp: 232636

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.0	117.0
150	155.7	0.0	351.0



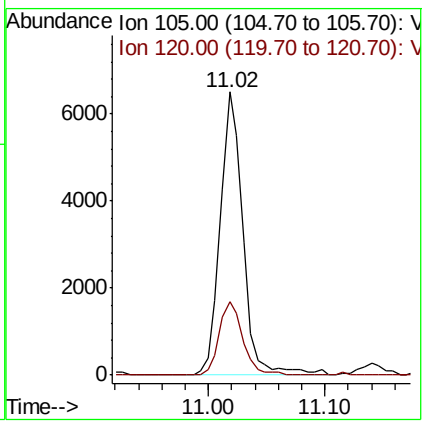


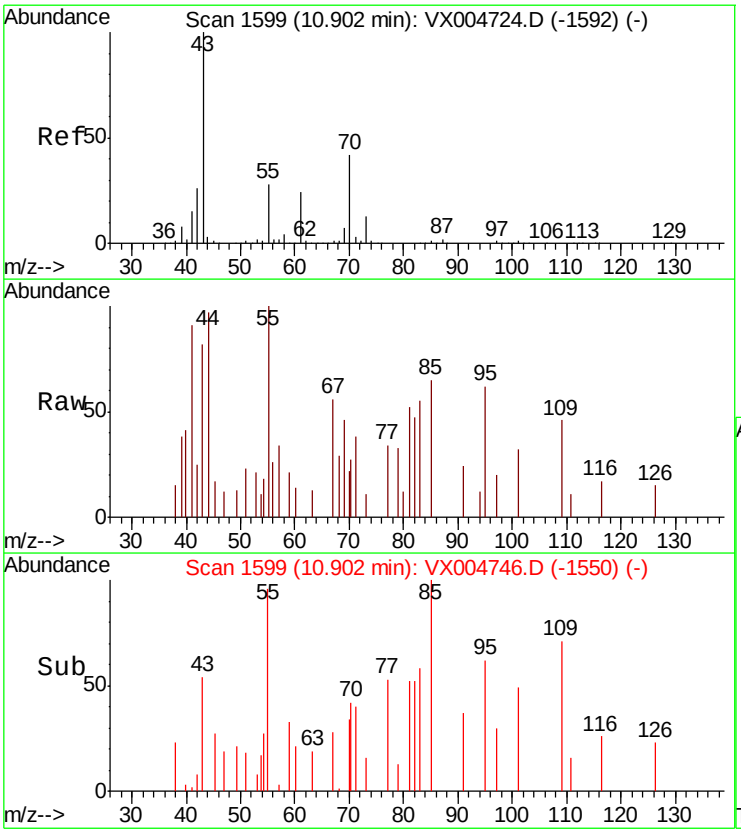
#73
Isopropylbenzene
Concen: 0.600 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:105 Resp: 8797

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

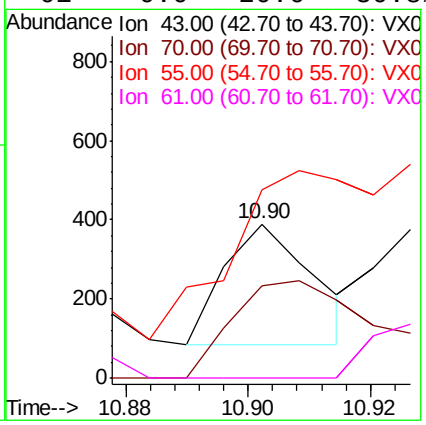


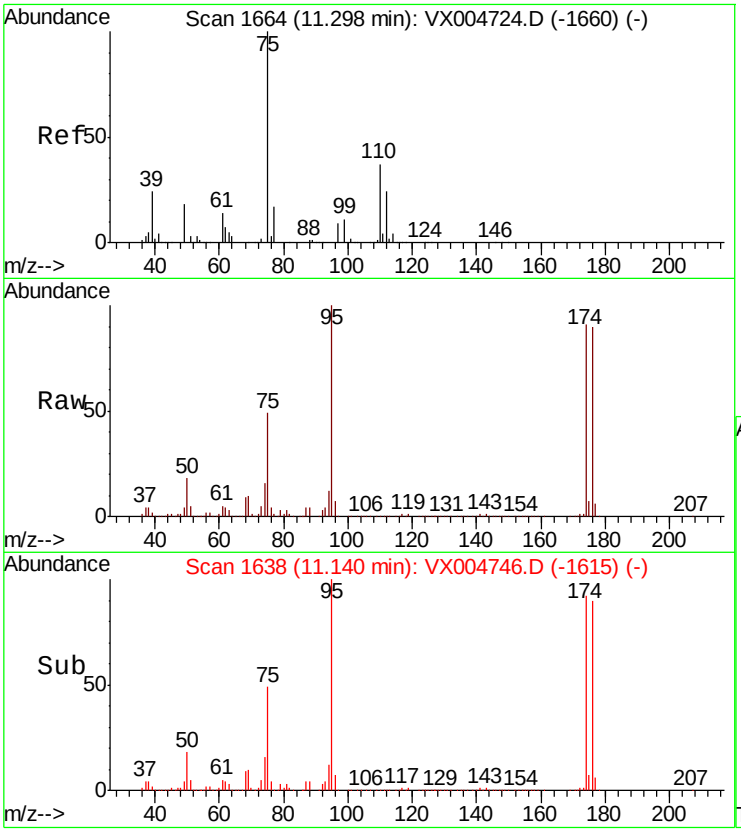


#74
N-amyl acetate
Concen: 1.785 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 43 Resp: 308

Ion	Ratio	Lower	Upper
43	100		
70	125.0	37.4	56.0#
55	0.0	21.8	32.8#
61	0.0	20.6	30.8#



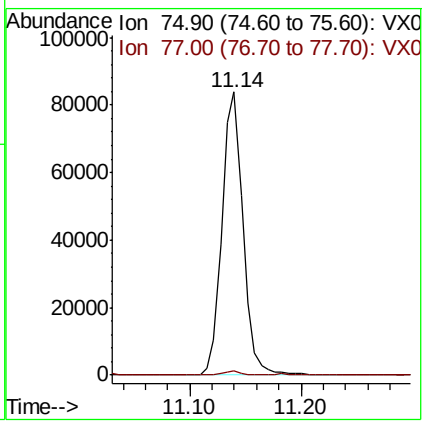


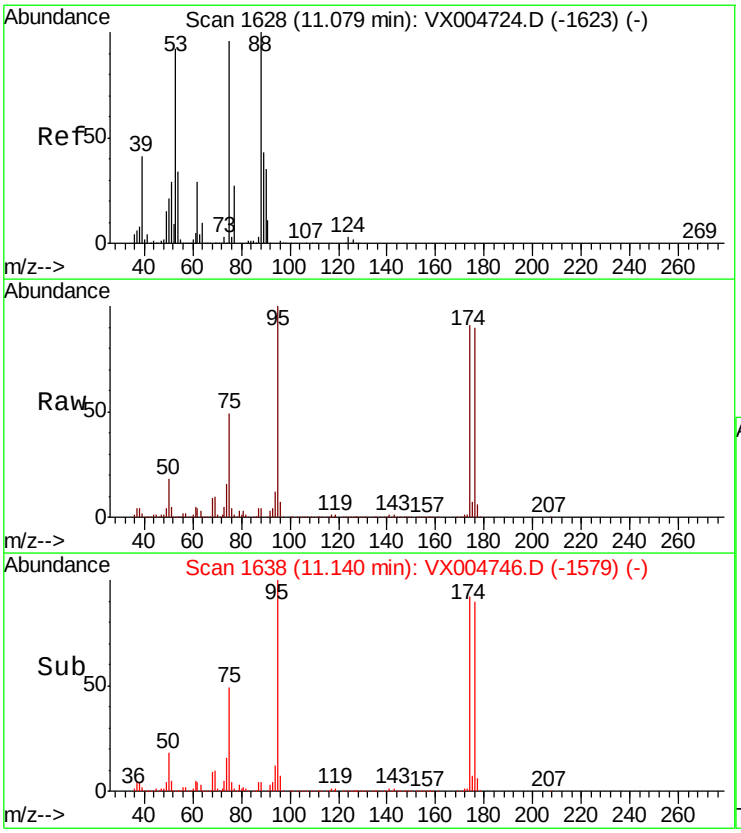
#76
1,2,3-Trichloropropane
Concen: 21.064 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion: 75 Resp: 109831

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#

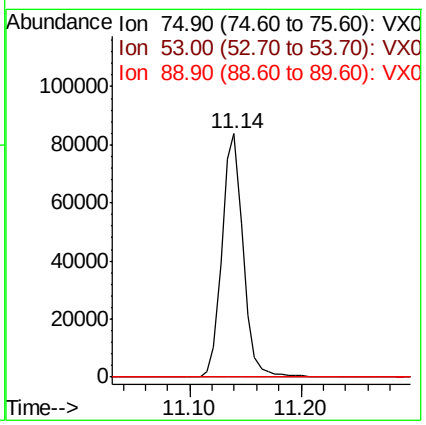


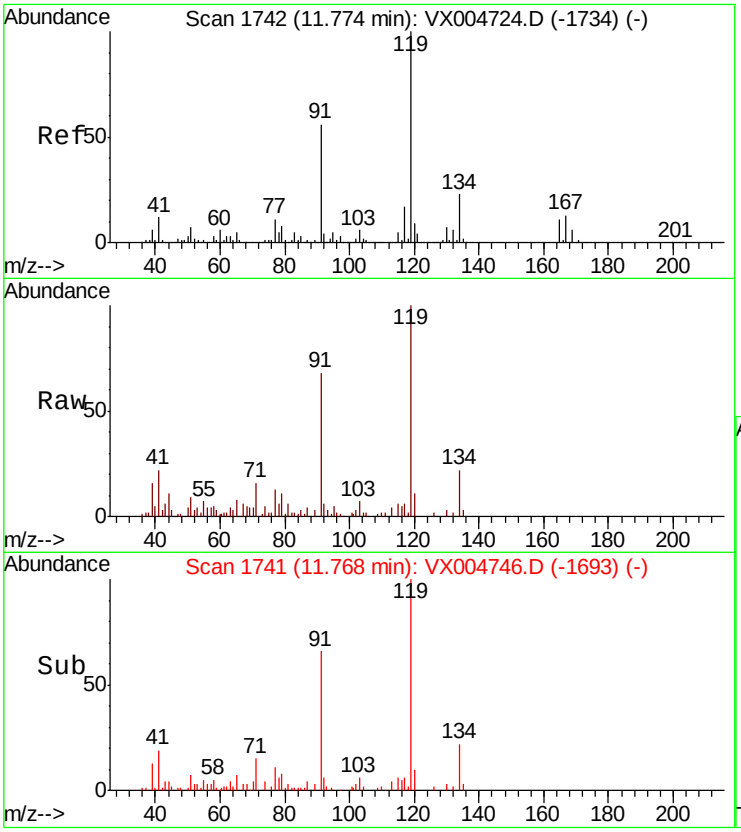


#81
trans-1,4-Dichloro-2-butene
Concen: 57.153 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 75 Resp: 109831

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#



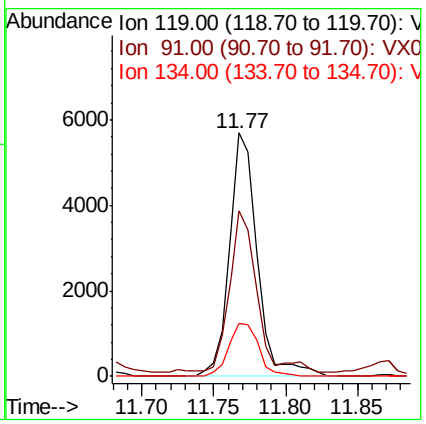


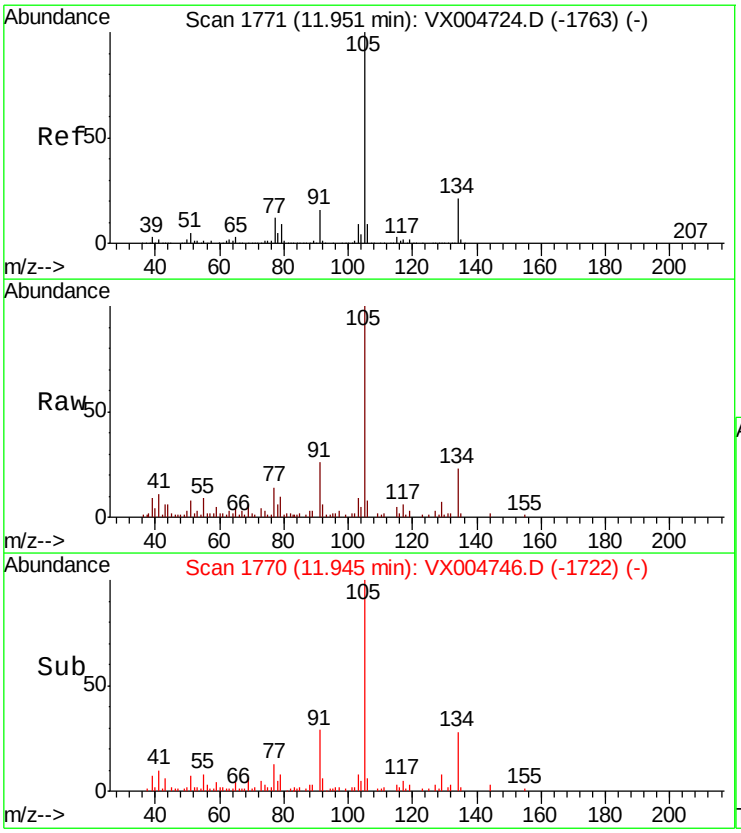
#83
tert-Butylbenzene
Concen: 0.640 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Tgt Ion:119 Resp: 7725

Ion	Ratio	Lower	Upper
119	100		
91	61.4	27.0	81.0
134	23.7	11.7	35.1

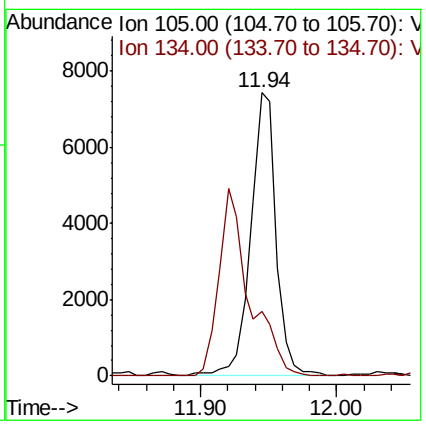


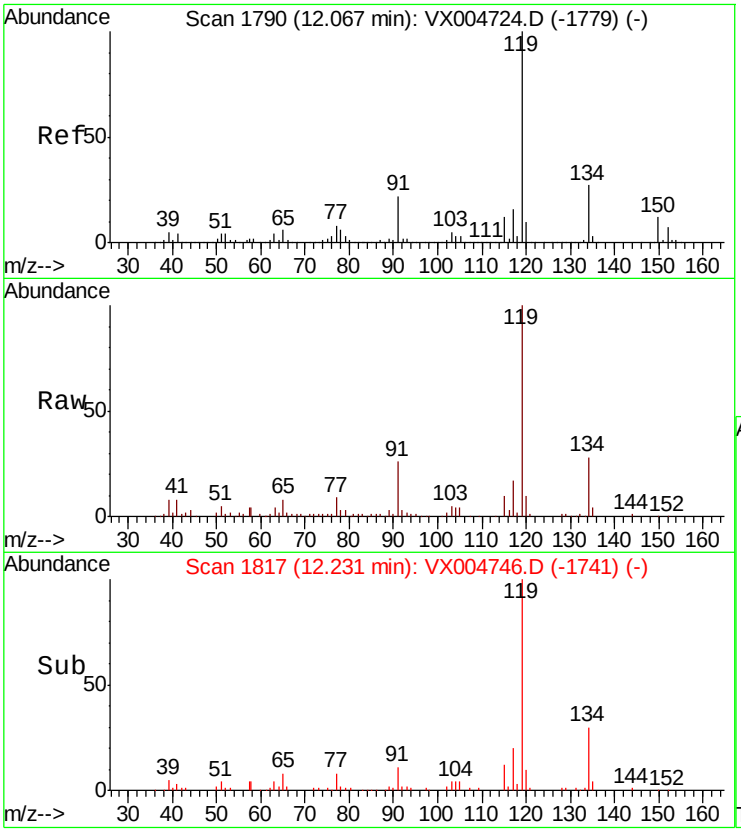


#85
sec-Butylbenzene
Concen: 0.665 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion:105 Resp: 9777

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.5	31.5#



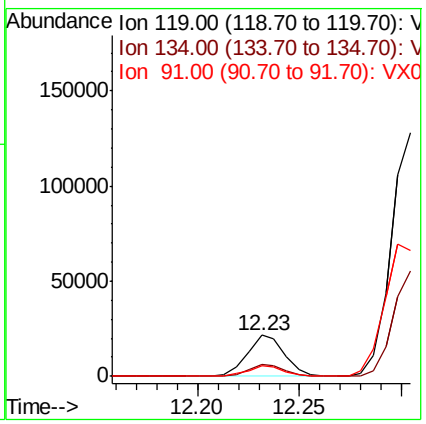


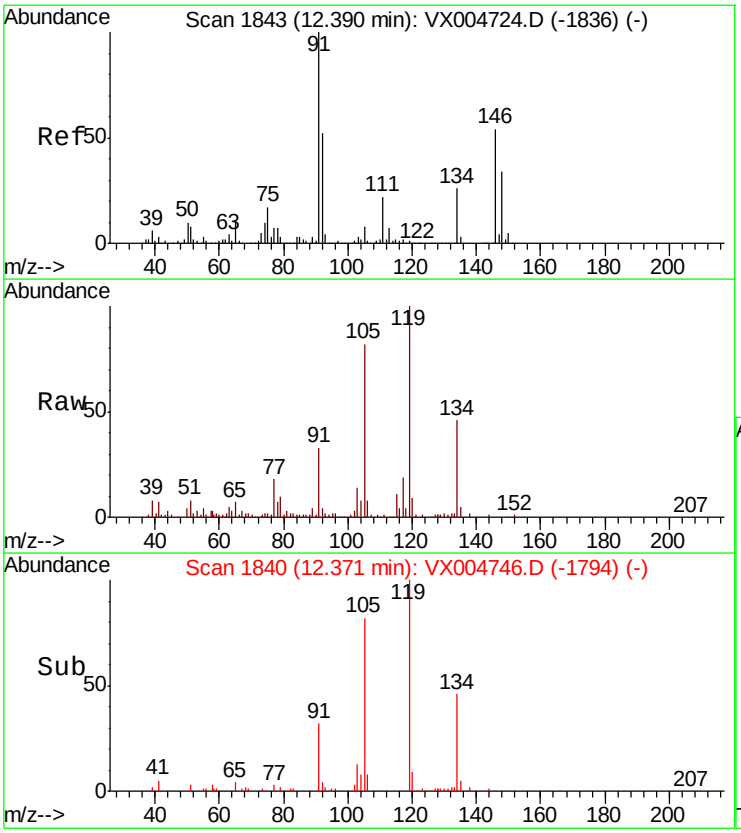
#86
p-Isopropyltoluene
Concen: 2.059 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.16 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Tgt Ion:119 Resp: 27435

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.4	40.2
91	25.5	10.9	32.7

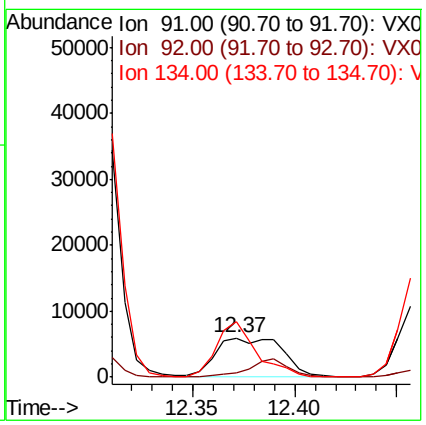


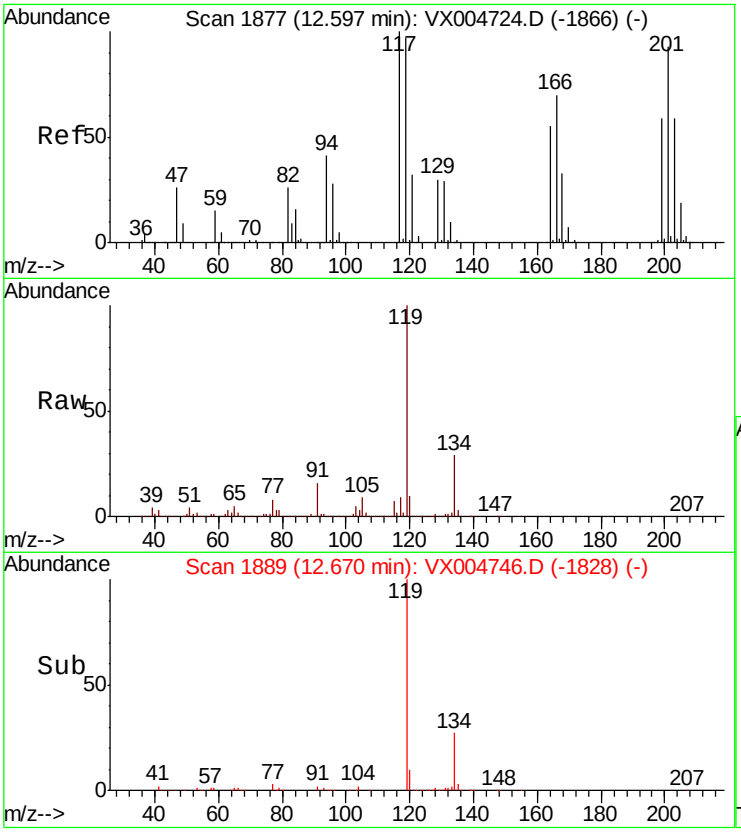


#89
n-Butylbenzene
Concen: 1.082 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 91 Resp: 13088

Ion	Ratio	Lower	Upper
91	100		
92	29.3	27.3	81.9
134	88.2	13.6	40.7#



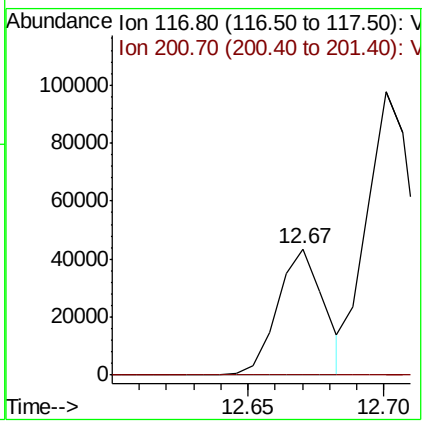


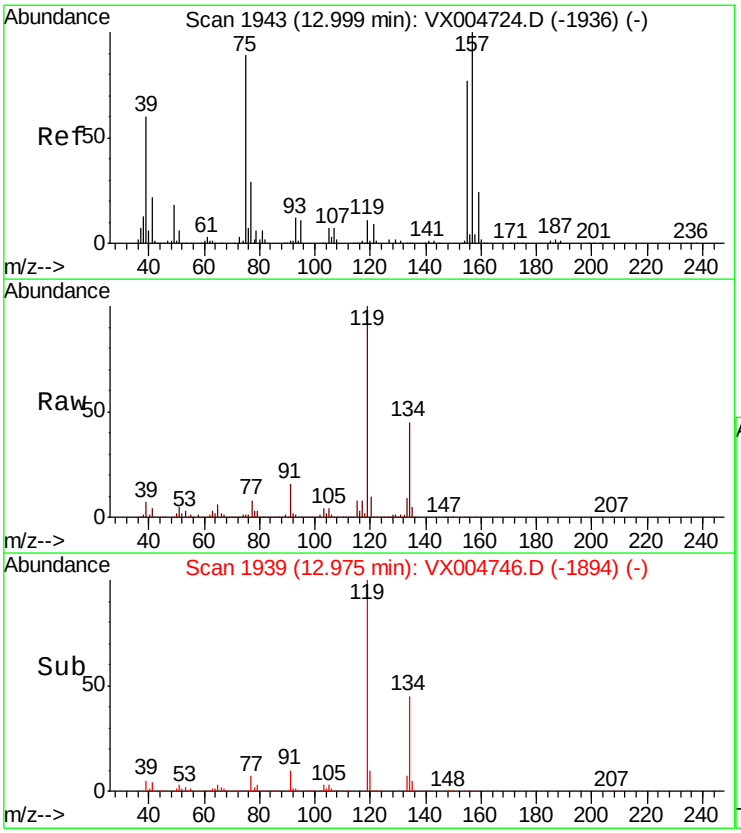
#90
Hexachloroethane
Concen: 22.955 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument : MSVOA_X
ClientSampleId : DUP-092018-02

Tgt Ion:117 Resp: 50920

Ion	Ratio	Lower	Upper
117	100		
201	0.0	46.9	140.6#

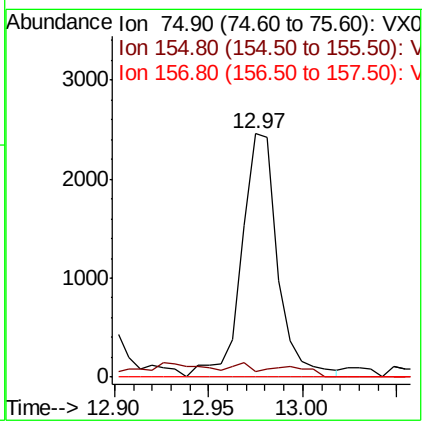


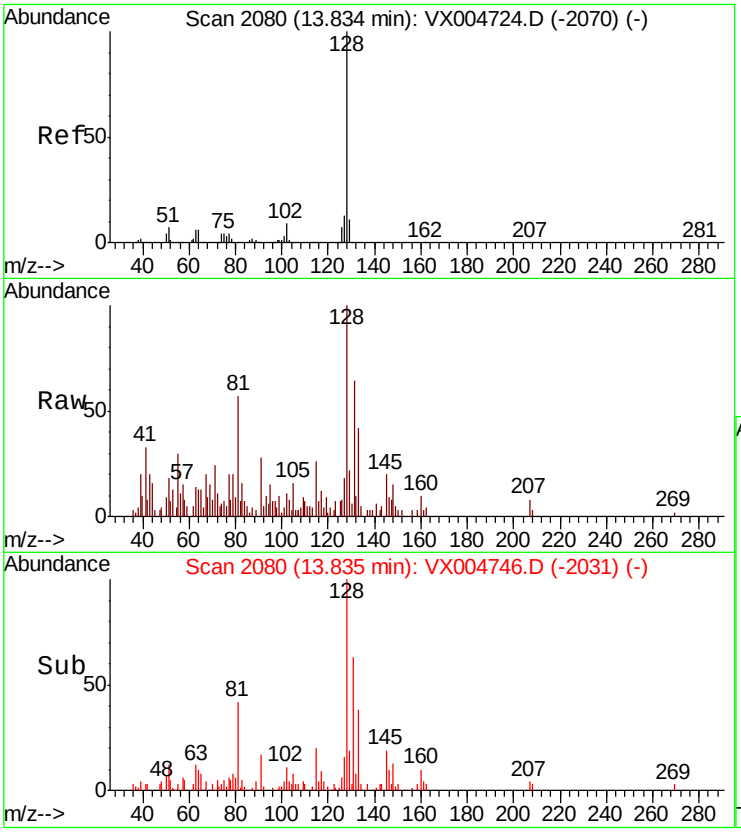


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.488 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Tgt Ion: 75 Resp: 3261

Ion	Ratio	Lower	Upper
75	100		
155	3.4	48.0	144.2#
157	0.0	61.4	184.1#





#95
Naphthalene
Concen: 0.938 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004746.D
Acq: 27 Sep 2018 01:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-092018-02

Tgt Ion:128 Resp: 4294

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	37.2	8.6	12.8#