Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017148.D
Acq On : 02 Jul 2020 15:09
Operator : JC/SP
Sample : L3200-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jul 03 00:49:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	39905	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.83	114	216396	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	192298	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.04	65	85549	27.54	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 91.80%				
60) 4-Bromofluorobenzene	11.12	95	90564	28.24	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.13%				
63) Toluene-d8	8.70	98	243890	28.77	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 95.90%				
Target Compounds							Qvalue
6) Chloroethane	1.40	64	16193	9.356	ug/l	#	51
12) Methyl Acetate	2.75	43	4379	1.520	ug/l		95
13) Acrolein	2.28	56	196	0.431	ug/l		98
15) Acetone	2.42	58	2089145	5914.948	ug/l		98
17) Allyl chloride	2.68	41	1103	0.258	ug/l	#	69
18) Methylene Chloride	2.84	84	3989	1.450	ug/l		97
23) tert-Butyl Alcohol	3.01	59	3077	5.090	ug/l	#	99
30) 2-Butanone	4.64	43	51722	28.148	ug/l		99
45) 1,4-Dioxane	7.63	88	39	0.616	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.62	43	29545	8.341	ug/l		97
59) 2-Hexanone	9.47	43	2443	0.924	ug/l	#	90
62) Toluene	8.77	91	689266	65.533	ug/l		99
67) m/p-Xylenes	10.34	106	2245	0.510	ug/l		90
68) o-Xylene	10.68	106	1105	0.261	ug/l		85
77) t-1,4-Dichloro-2-butene	11.12	75	45567	33.257	ug/l	#	12
79) tert-butylbenzene	12.05	119	6683	0.725	ug/l		63
80) 1,2,4-Trimethylbenzene	11.79	105	10739	1.112	ug/l		41
82) p-Isopropyltoluene	12.05	119	6683	0.663	ug/l		97
91) Naphthalene	13.82	128	2373	0.221	ug/l	#	94

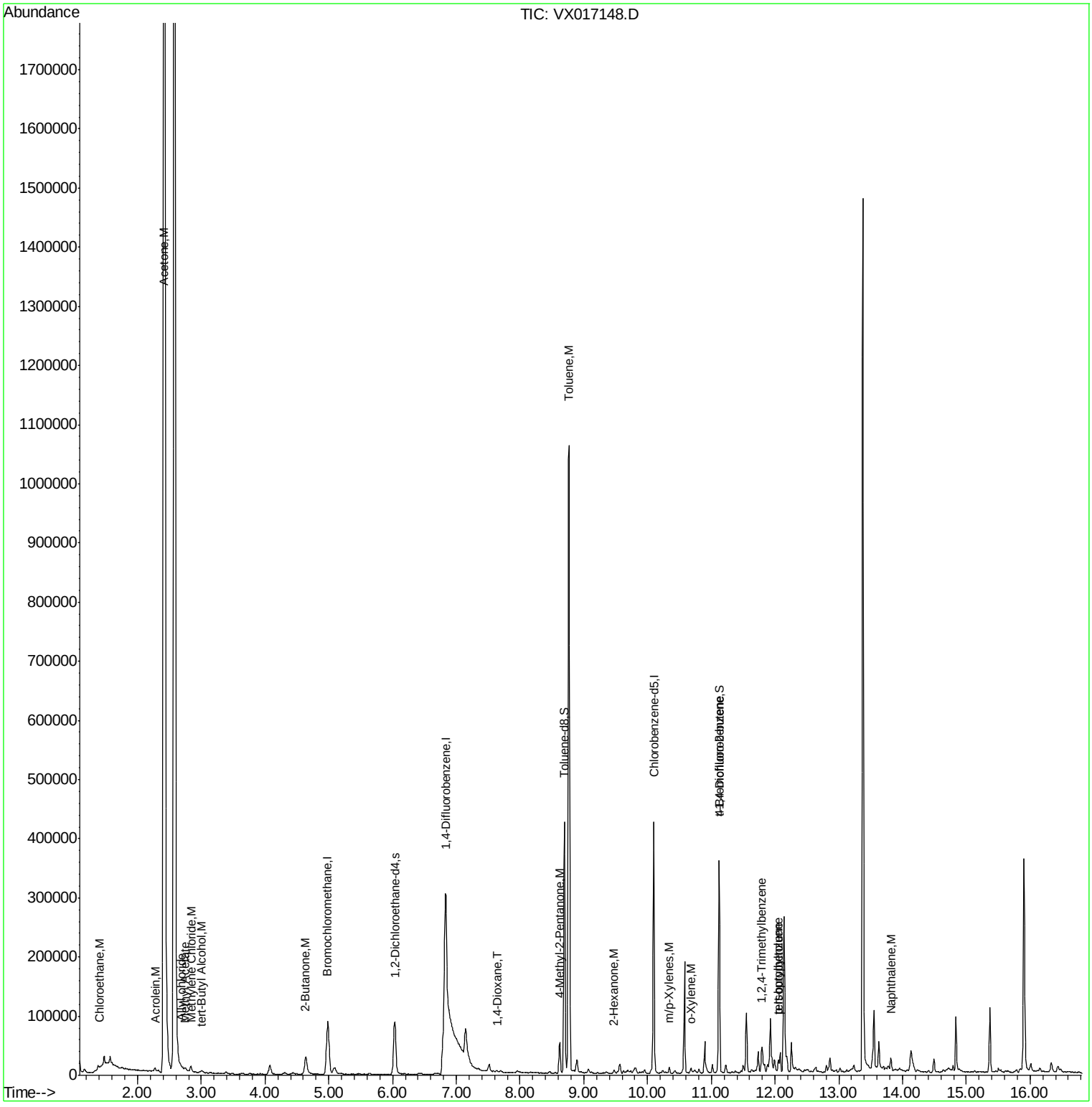
(#) = qualifier out of range (m) = manual integration (+) = signals summed

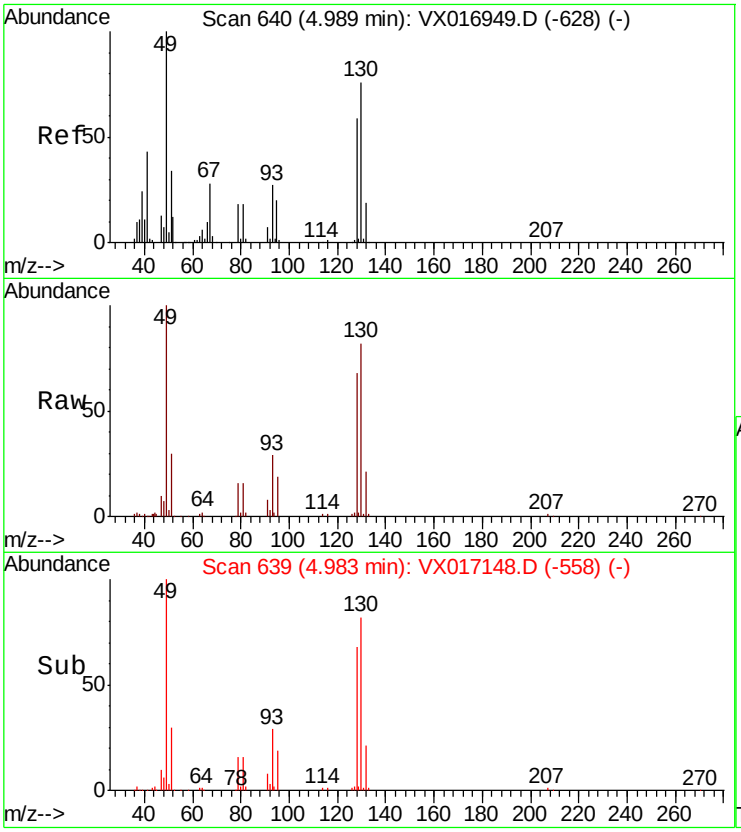
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070220\
Data File : VX017148.D
Acq On : 02 Jul 2020 15:09
Operator : JC/SP
Sample : L3200-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 03 00:49:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration



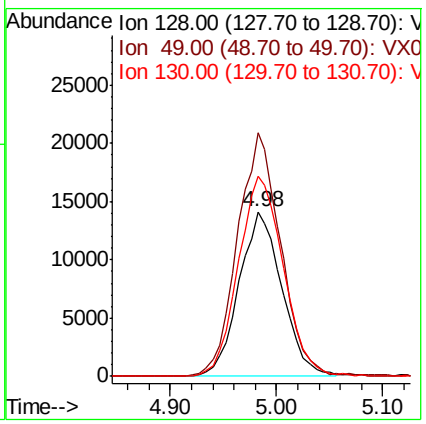


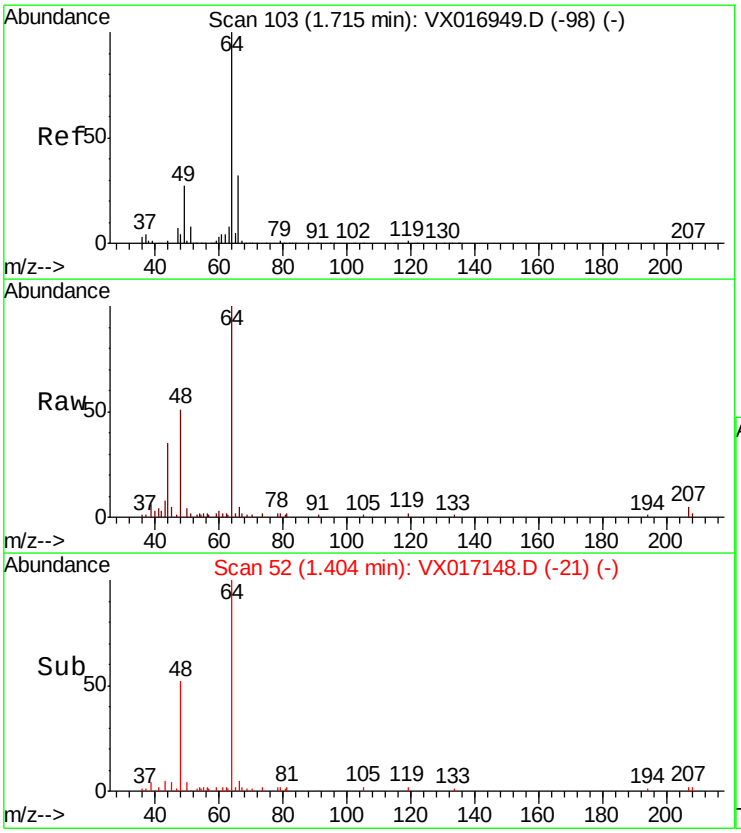
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 39905

Ion	Ratio	Lower	Upper
128	100		
49	148.5	0.0	428.0
130	127.6	0.0	318.0

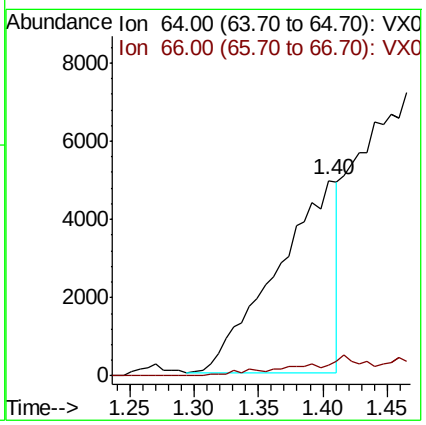


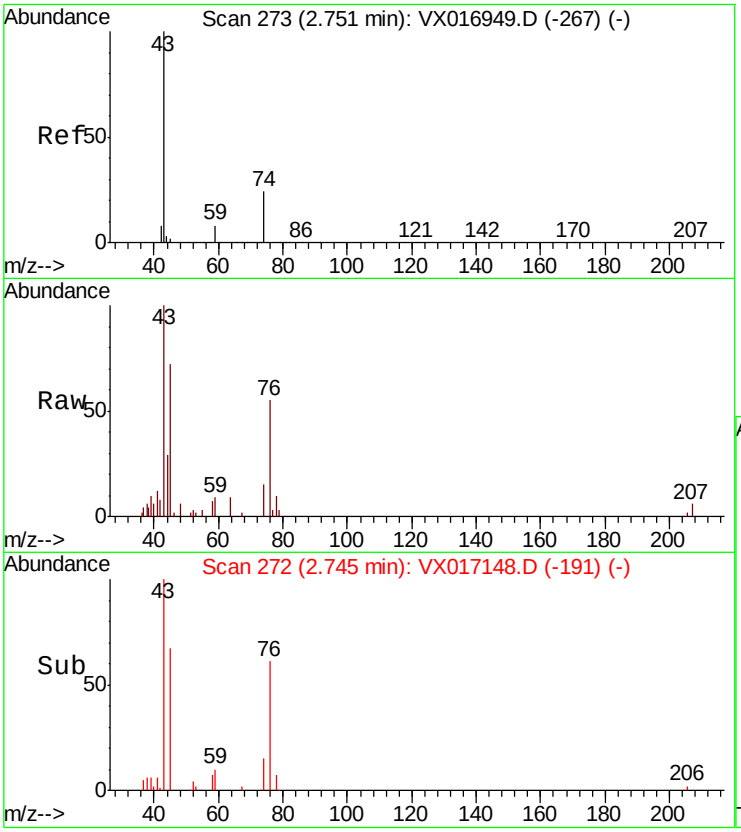


#6
Chloroethane
Concen: 9.356 ug/l
RT: 1.40 min Scan# 52
Delta R.T. -0.31 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 64 Resp: 16193

Ion	Ratio	Lower	Upper
64	100		
66	5.3	26.1	39.1#



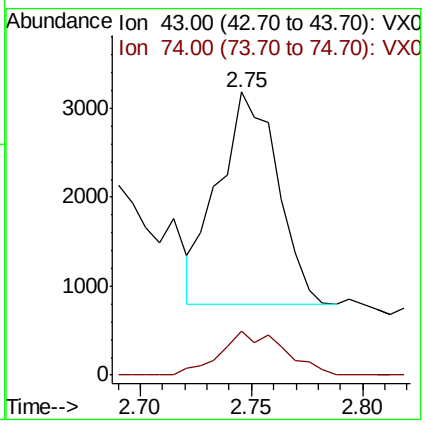


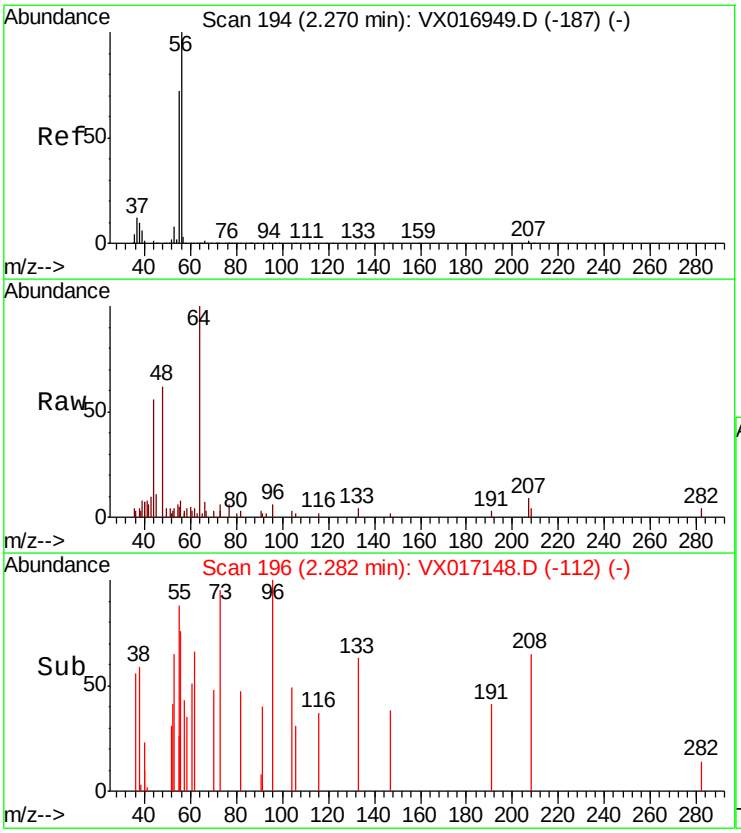
#12
Methyl Acetate
Concen: 1.520 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 4379

Ion	Ratio	Lower	Upper
43	100		
74	21.5	19.1	28.7

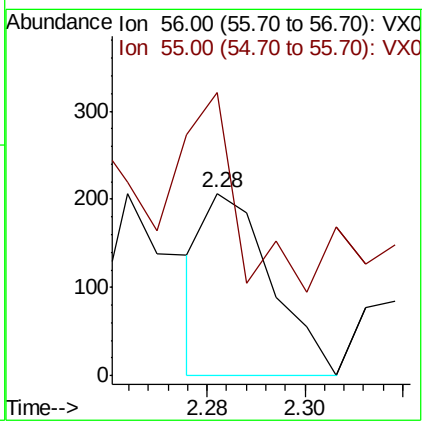


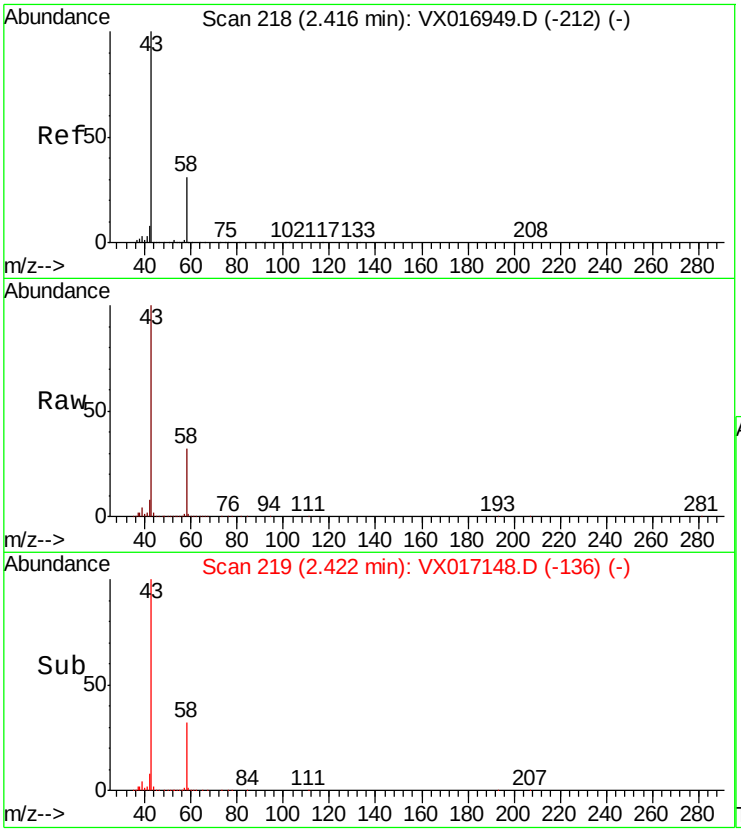


#13
Acrolein
Concen: 0.431 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 56 Resp: 196

Ion	Ratio	Lower	Upper
56	100		
55	71.9	56.2	84.4



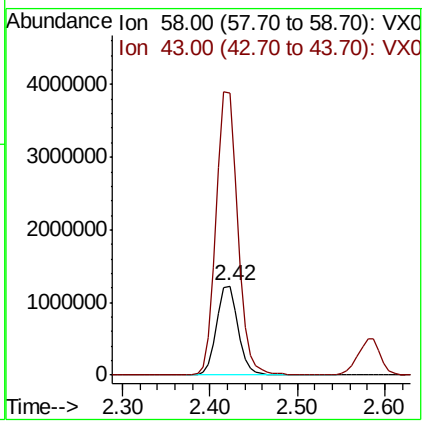


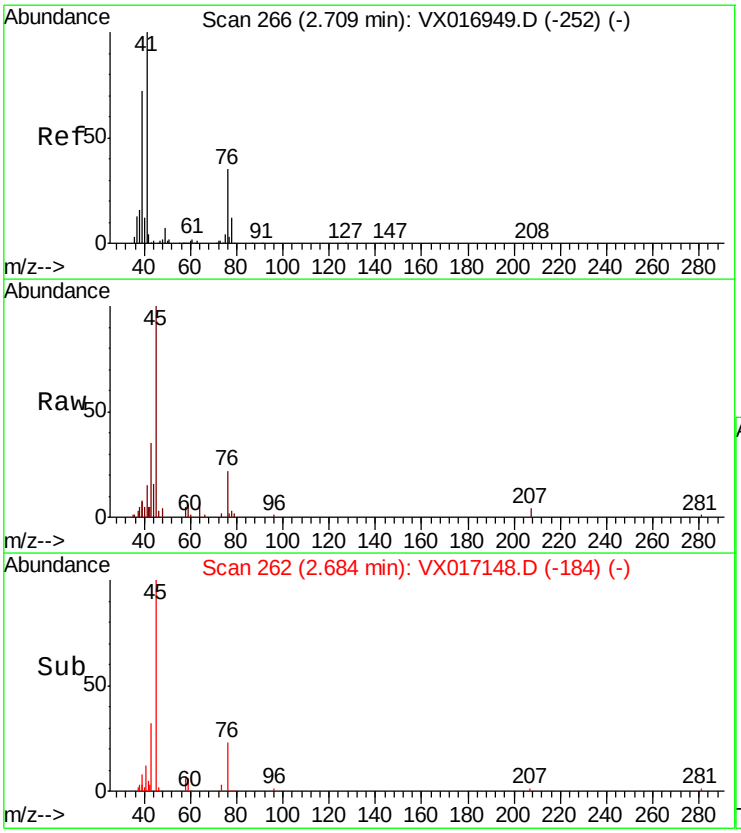
#15
Acetone
Concen: 5914.948 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 2089145

Ion	Ratio	Lower	Upper
58	100		
43	316.9	257.6	386.4

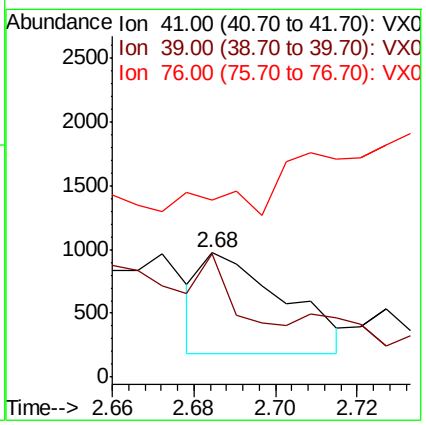


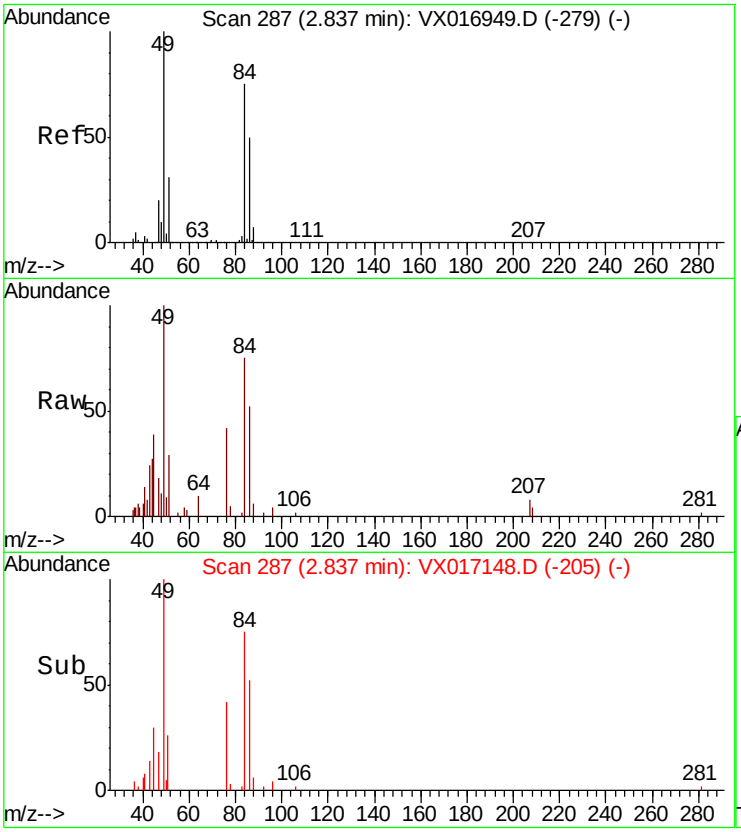


#17
Allyl chloride
Concen: 0.258 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 41 Resp: 1103

Ion	Ratio	Lower	Upper
41	100		
39	85.2	35.9	107.8
76	0.0	17.6	52.8#



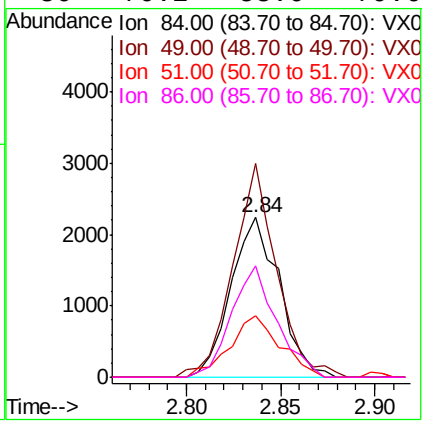


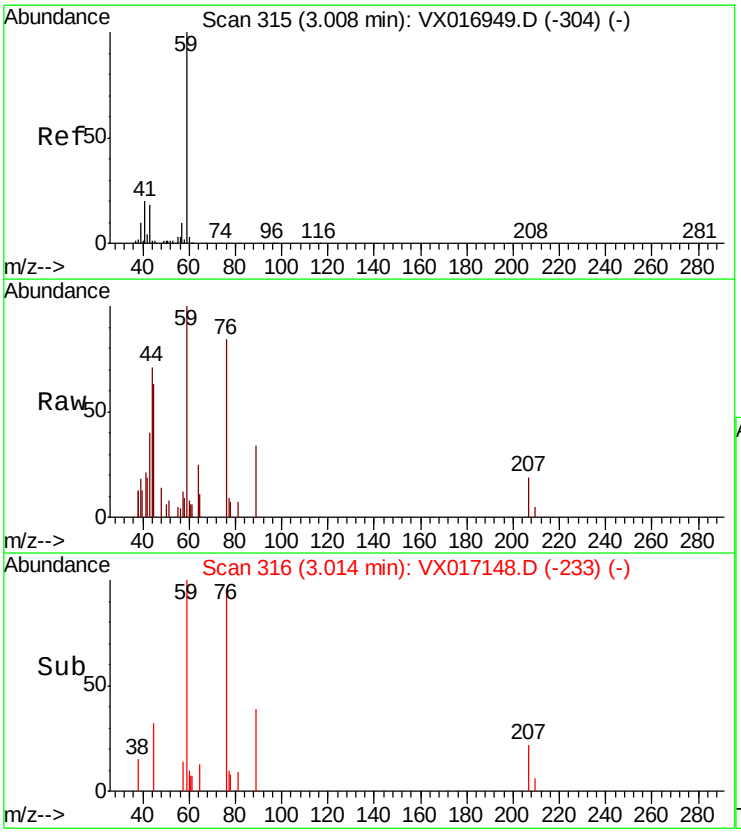
#18
Methylene Chloride
Concen: 1.450 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 3989

Ion	Ratio	Lower	Upper
84	100		
49	131.0	106.6	159.8
51	38.7	32.7	49.1
86	70.2	53.0	79.6

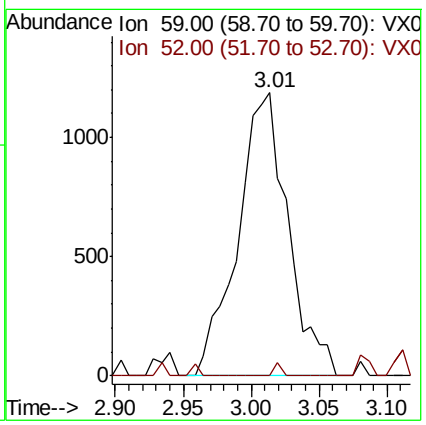


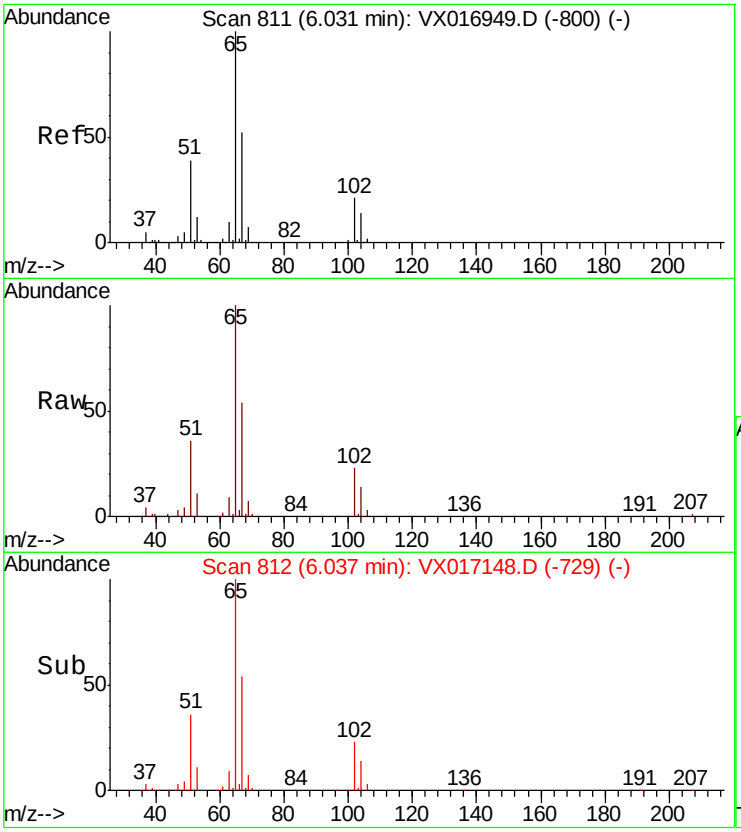


#23
tert-Butyl Alcohol
Concen: 5.090 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 59 Resp: 3077

Ion	Ratio	Lower	Upper
59	100		
52	1.7	0.1	0.1#



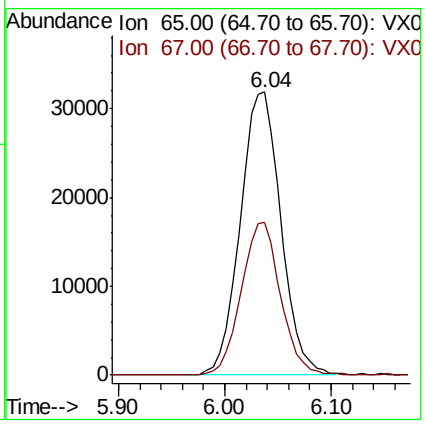


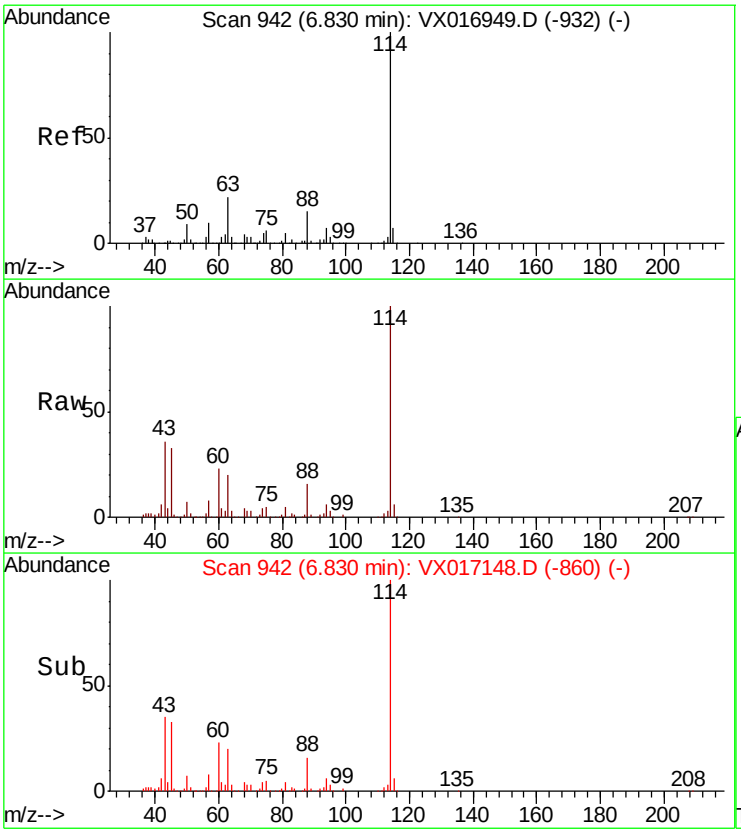
#27
1,2-Dichloroethane-d4
Concen: 27.543 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 85549

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.5	62.3

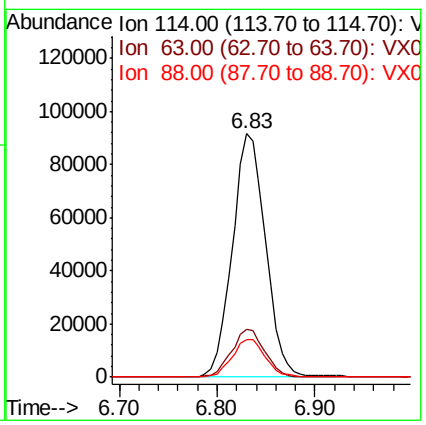


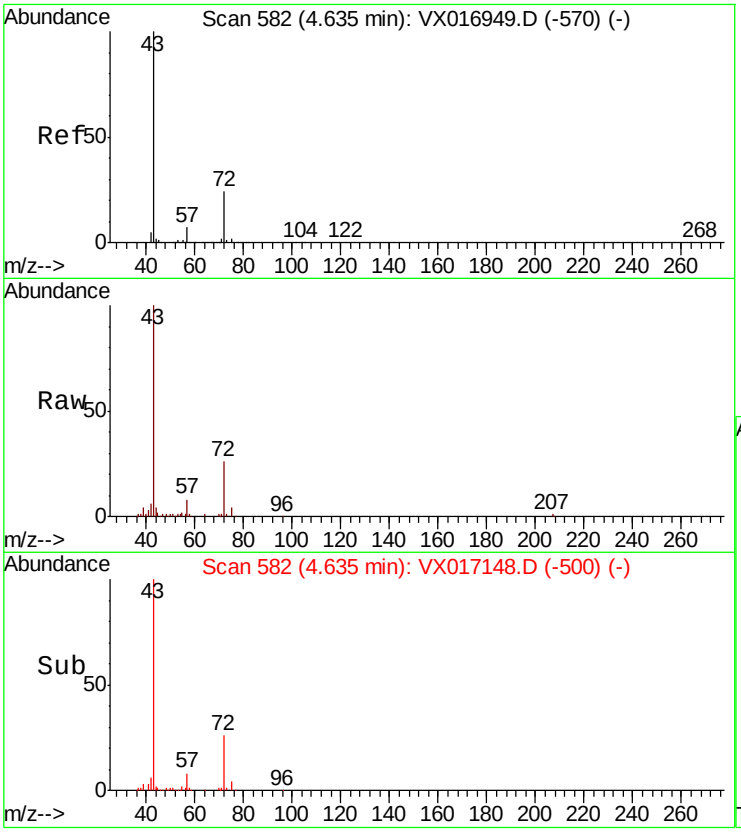


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion:114 Resp: 216396

Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.4	26.2
88	15.5	13.0	19.6



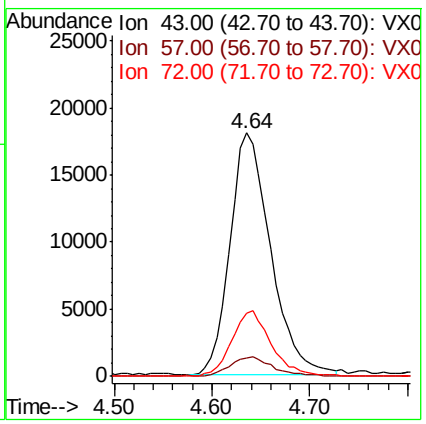


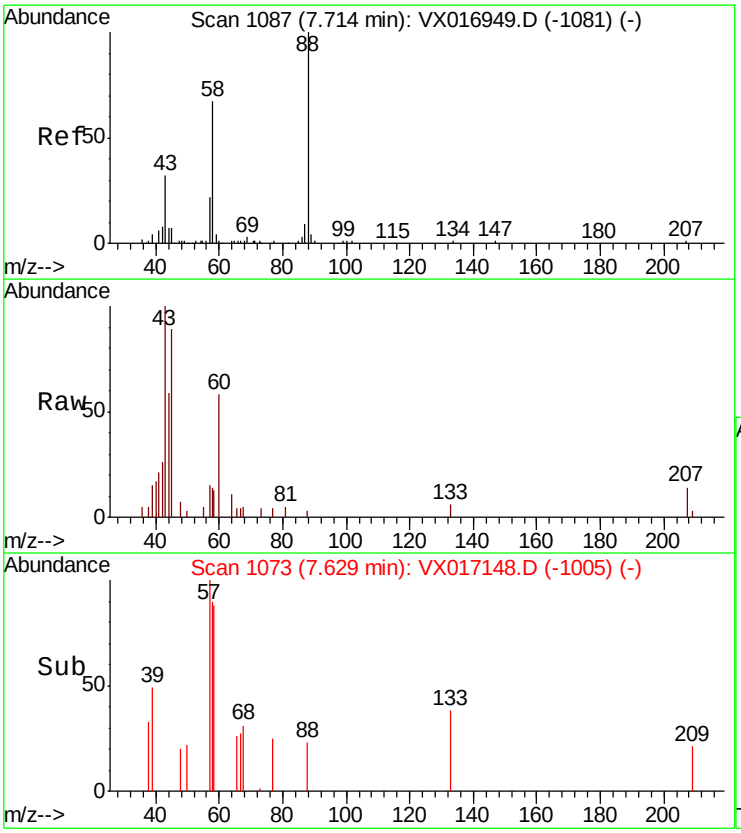
#30
2-Butanone
Concen: 28.148 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 51722

Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.2	9.4
72	26.3	20.6	31.0

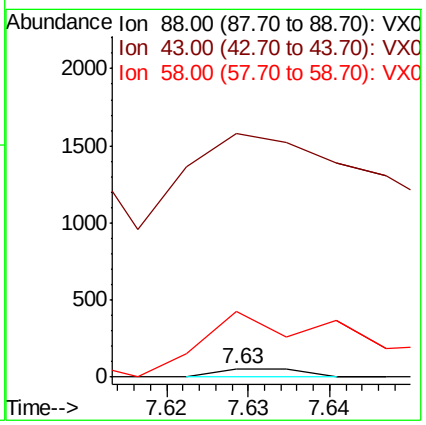


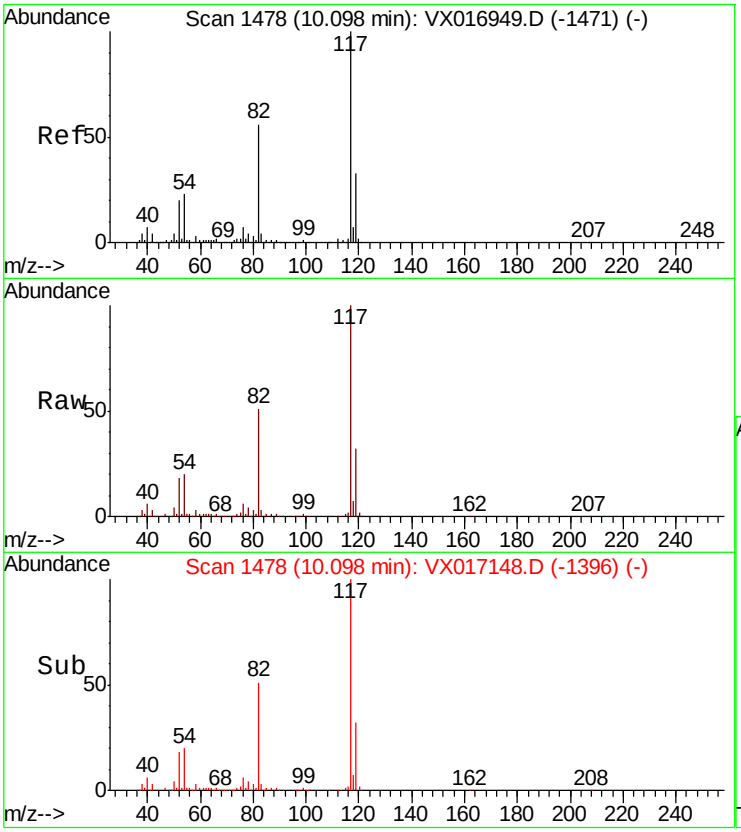


#45
1,4-Dioxane
Concen: 0.616 ug/l
RT: 7.63 min Scan# 1073
Delta R.T. -0.09 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	2389.7	28.9	43.3#
58	1310.3	56.7	85.1#



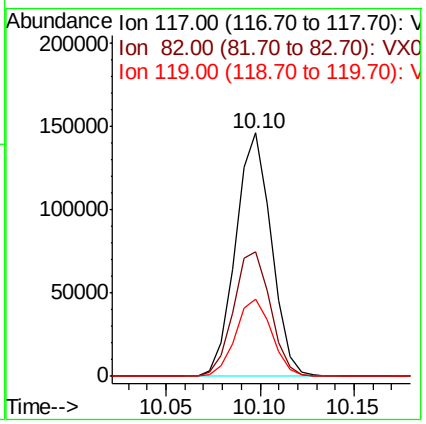


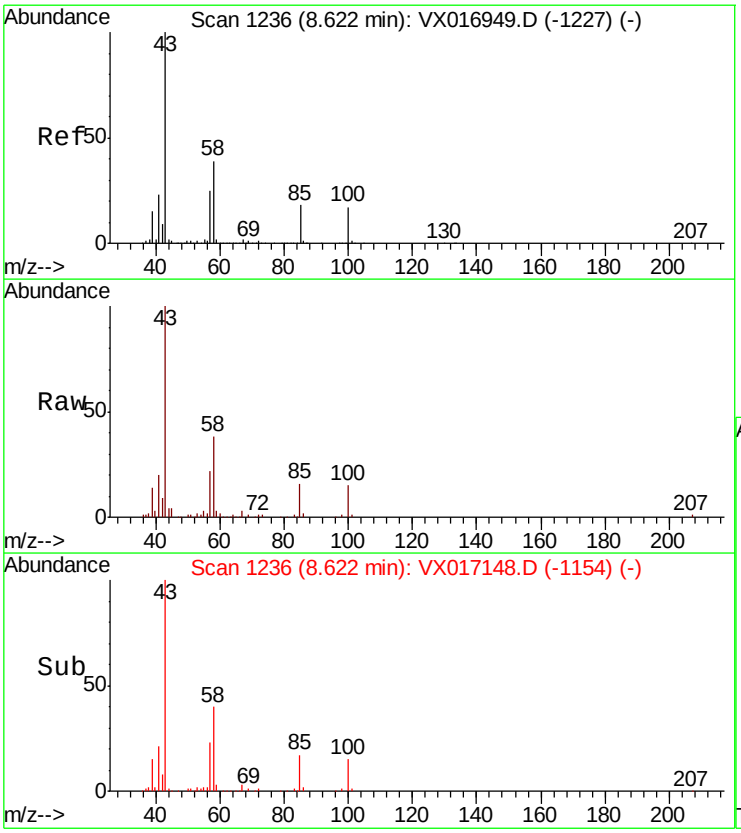
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 192298

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.9	67.3
119	32.2	25.8	38.8

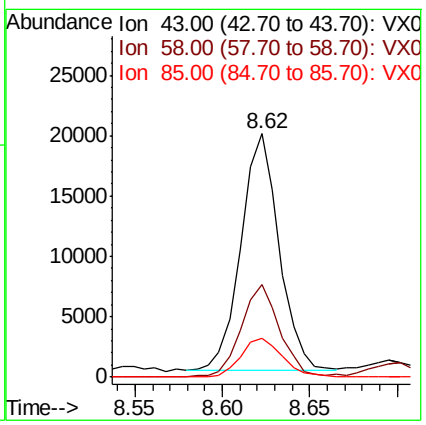


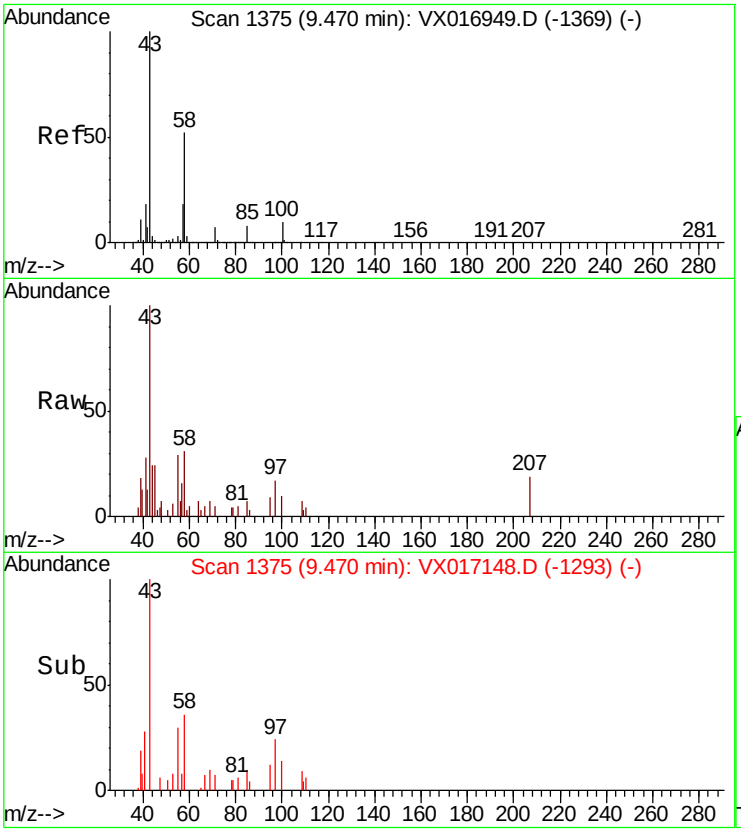


#58
4-Methyl-2-Pentanone
Concen: 8.341 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 43 Resp: 29545

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.4	45.6
85	18.0	13.5	20.3



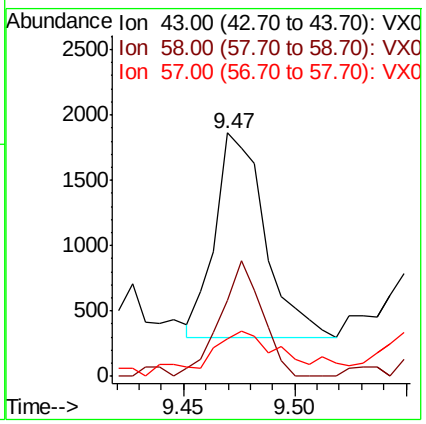


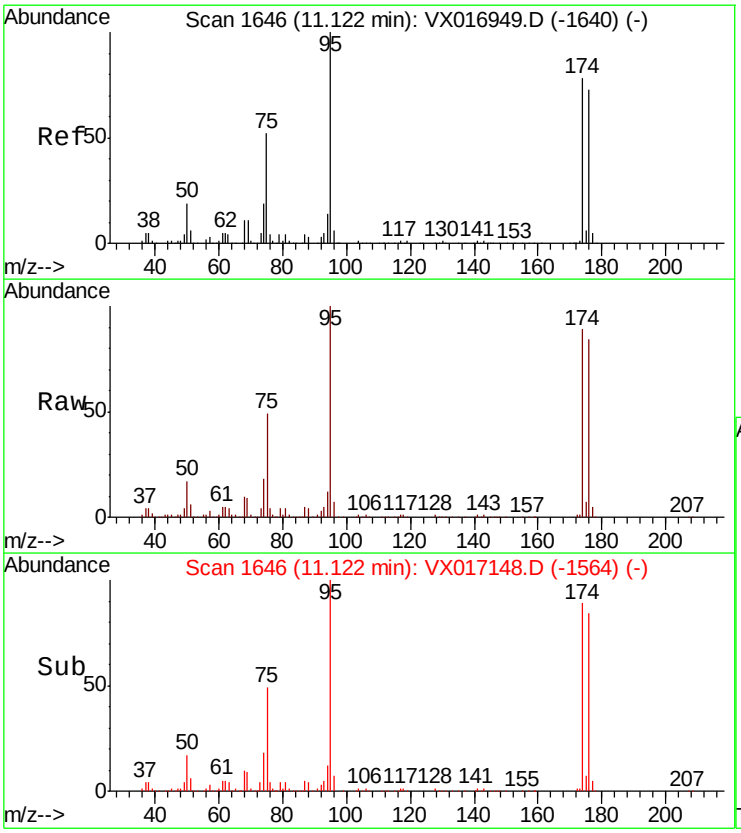
#59
2-Hexanone
Concen: 0.924 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2443

Ion	Ratio	Lower	Upper
43	100		
58	47.1	42.3	63.5
57	23.6	14.1	21.1#

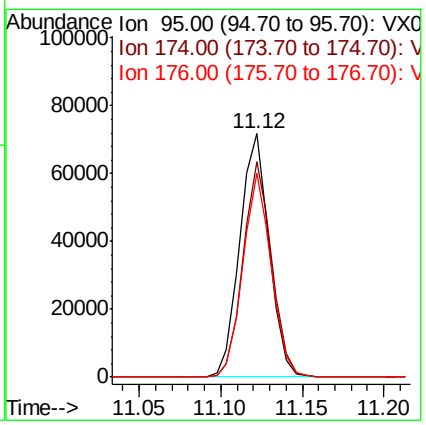


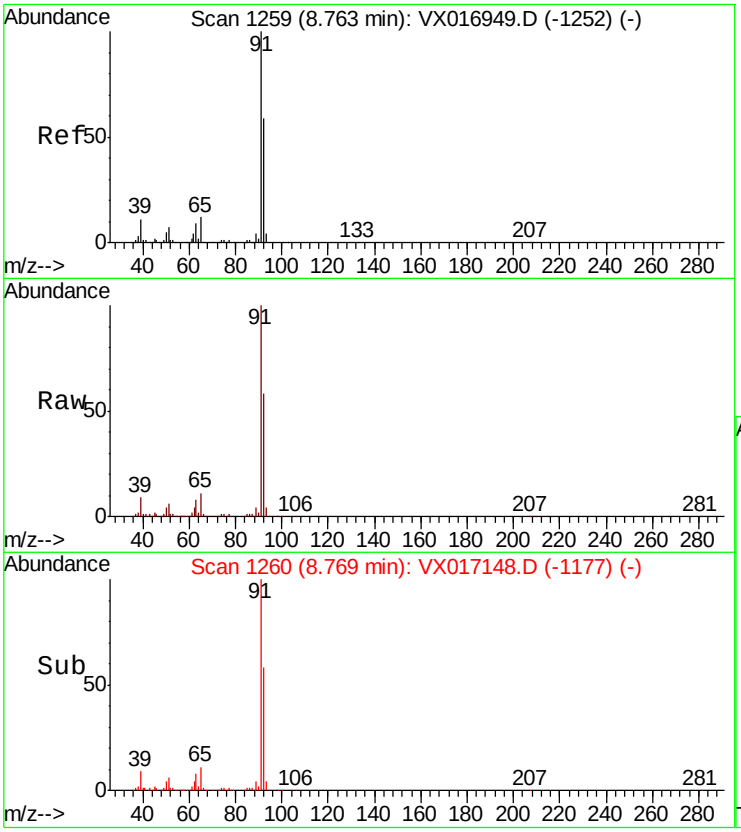


#60
4-Bromofluorobenzene
Concen: 28.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 95 Resp: 90564

Ion	Ratio	Lower	Upper
95	100		
174	86.0	62.2	93.4
176	80.7	58.9	88.3



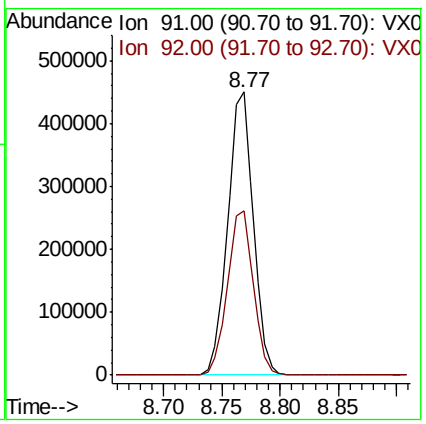


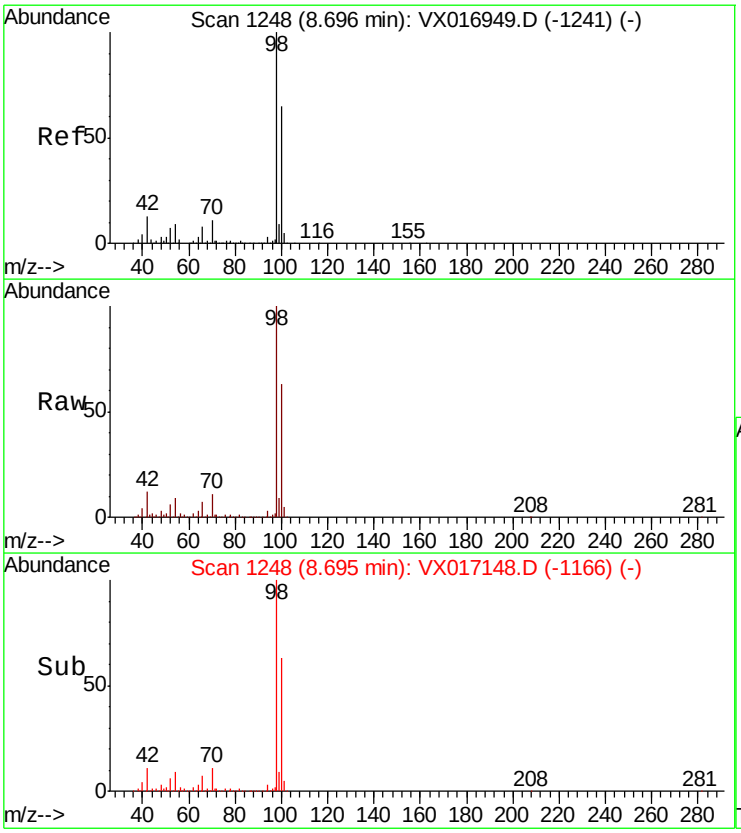
#62
Toluene
Concen: 65.533 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 689266

Ion	Ratio	Lower	Upper
91	100		
92	59.0	46.8	70.2

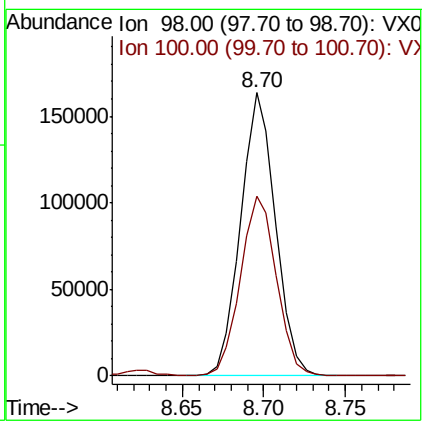


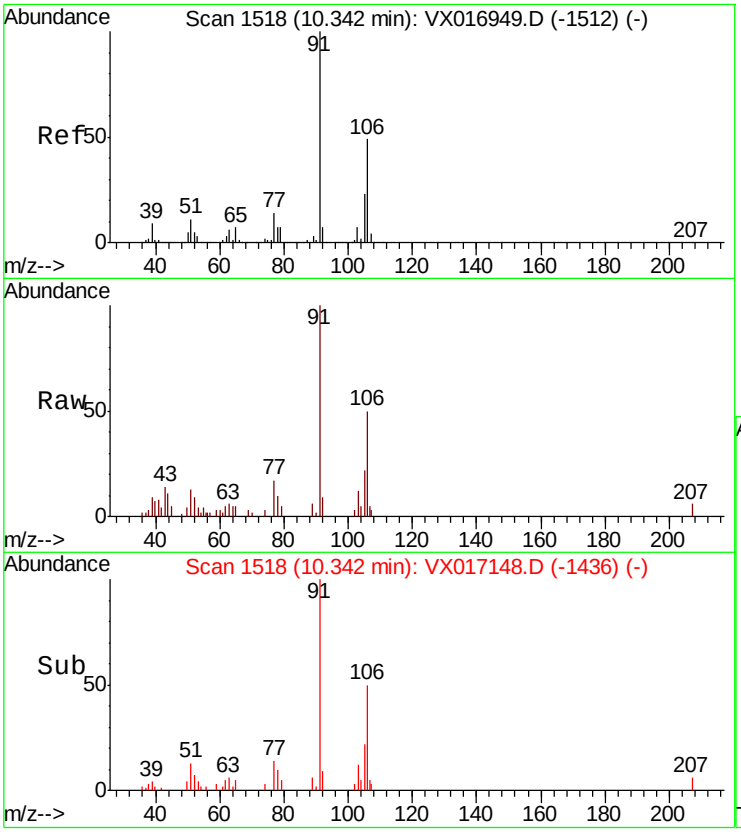


#63
Toluene-d8
Concen: 28.772 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion: 98 Resp: 243890

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5



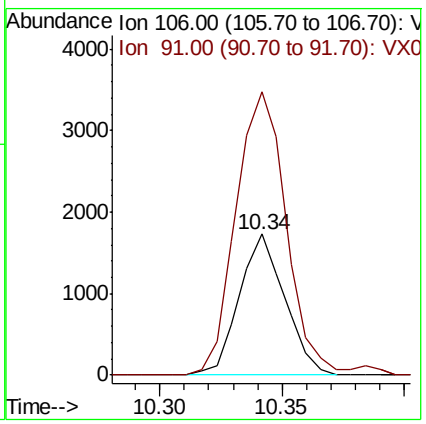


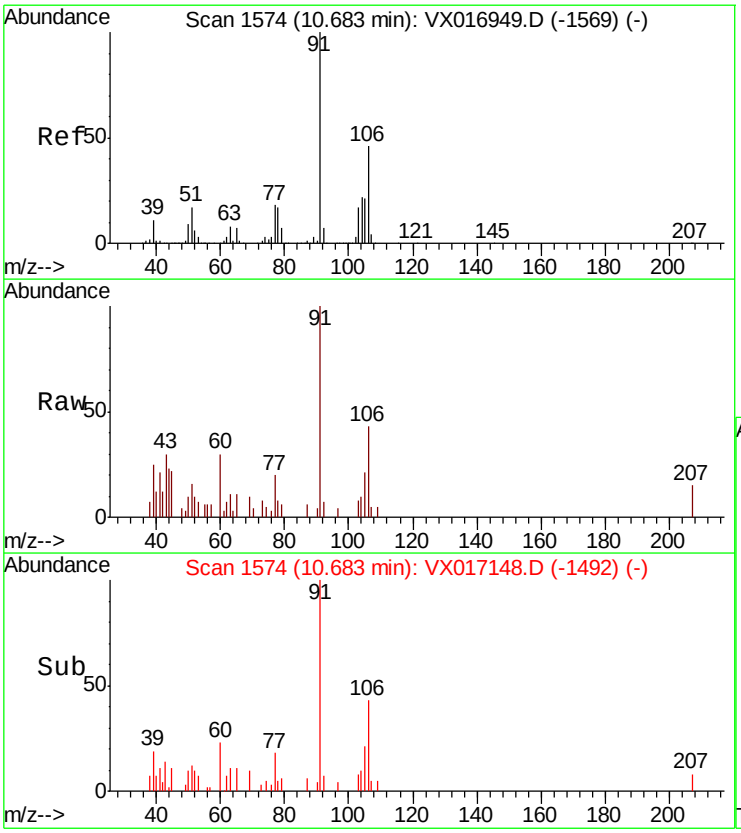
#67
m/p-Xylenes
Concen: 0.510 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2245

Ion	Ratio	Lower	Upper
106	100		
91	221.1	164.5	246.7

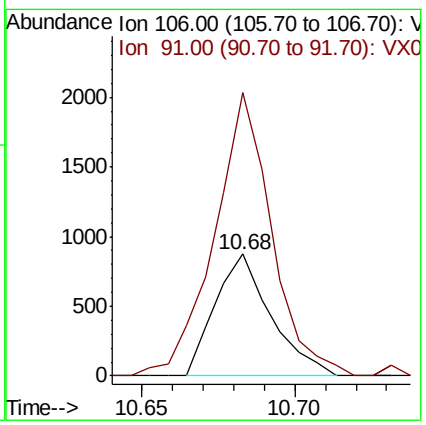


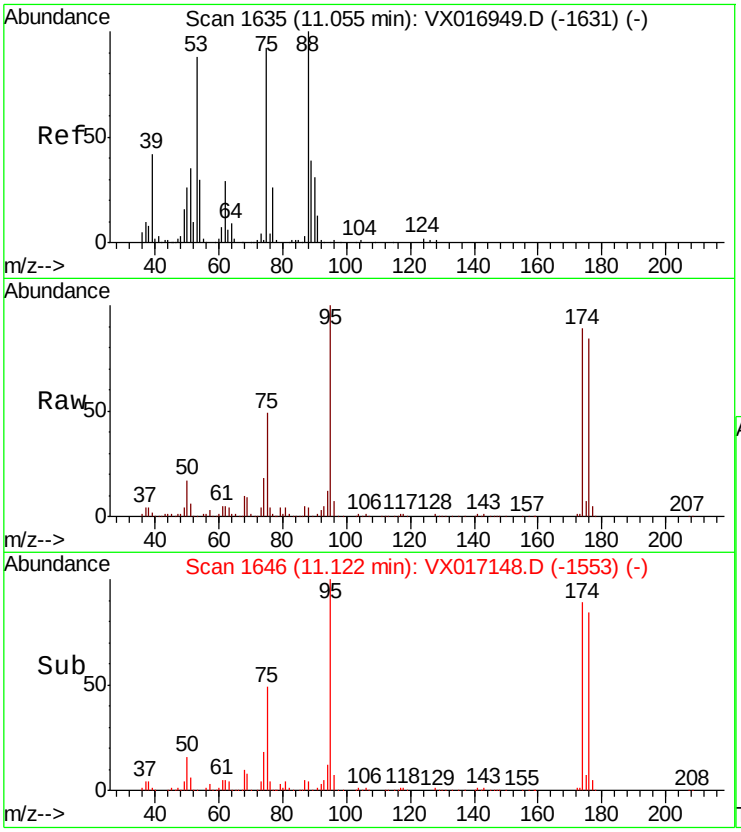


#68
o-Xylene
Concen: 0.261 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion:106 Resp: 1105

Ion	Ratio	Lower	Upper
106	100		
91	238.3	107.3	321.9



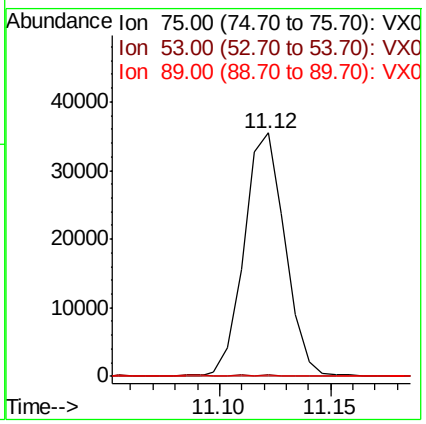


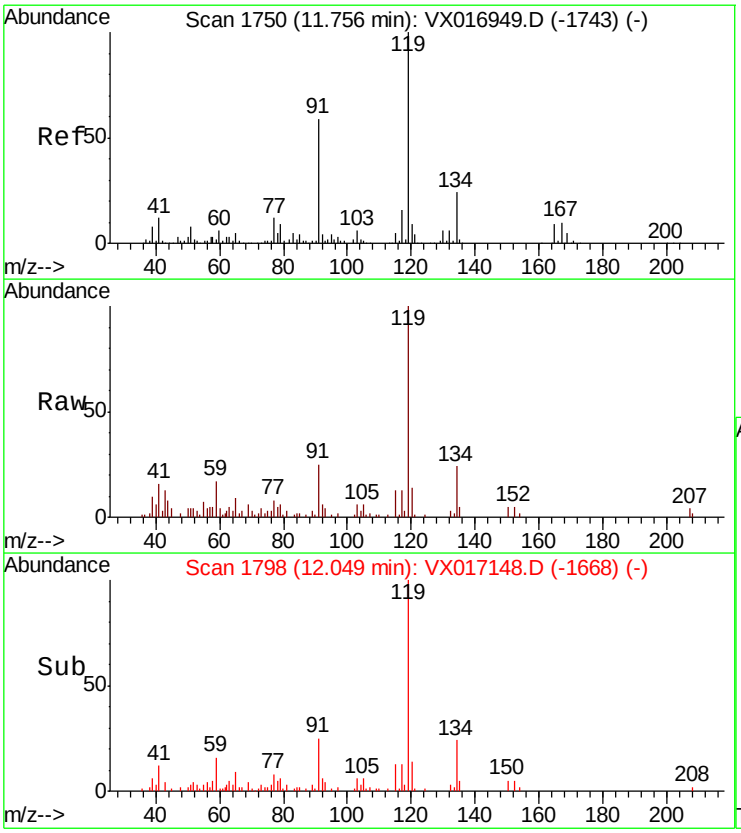
#77
t-1,4-Dichloro-2-butene
Concen: 33.257 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45567

Ion	Ratio	Lower	Upper
75	100		
53	0.7	47.6	142.9#
89	0.2	21.1	63.4#

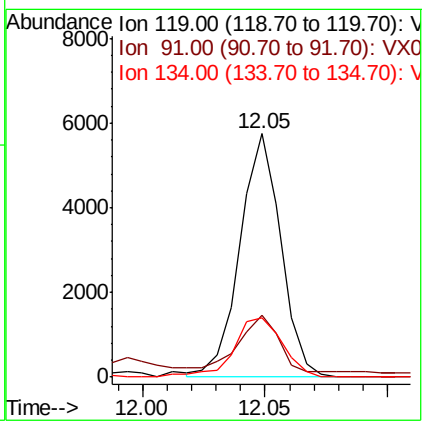


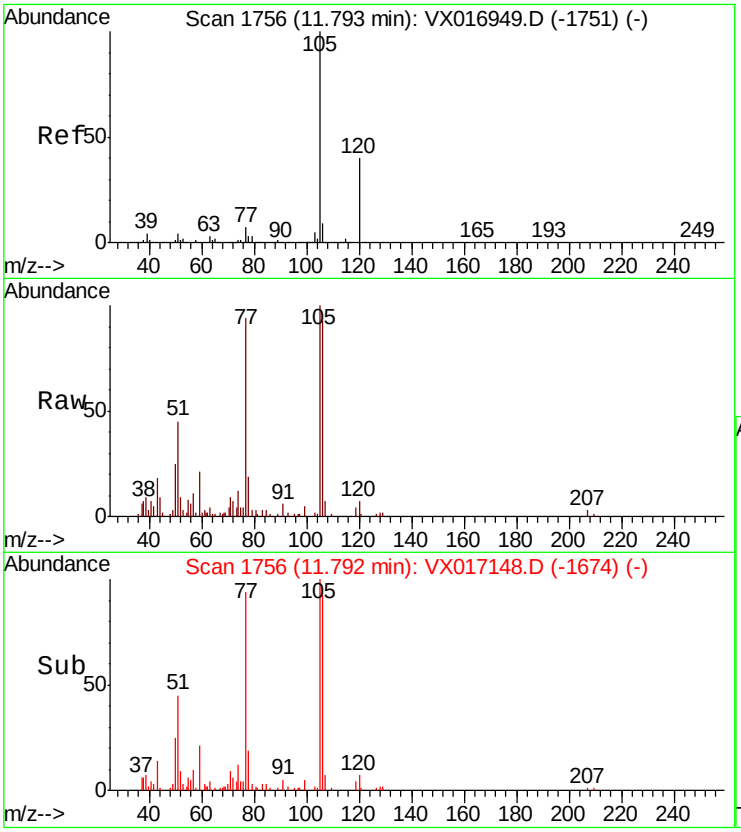


#79
tert-butylbenzene
Concen: 0.725 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.29 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion:119 Resp: 6683

Ion	Ratio	Lower	Upper
119	100		
91	23.2	0.0	115.2
134	28.9	0.0	45.8



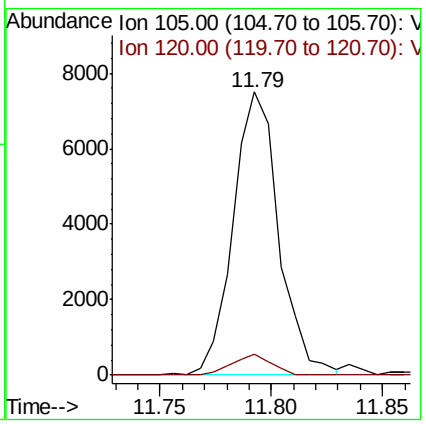


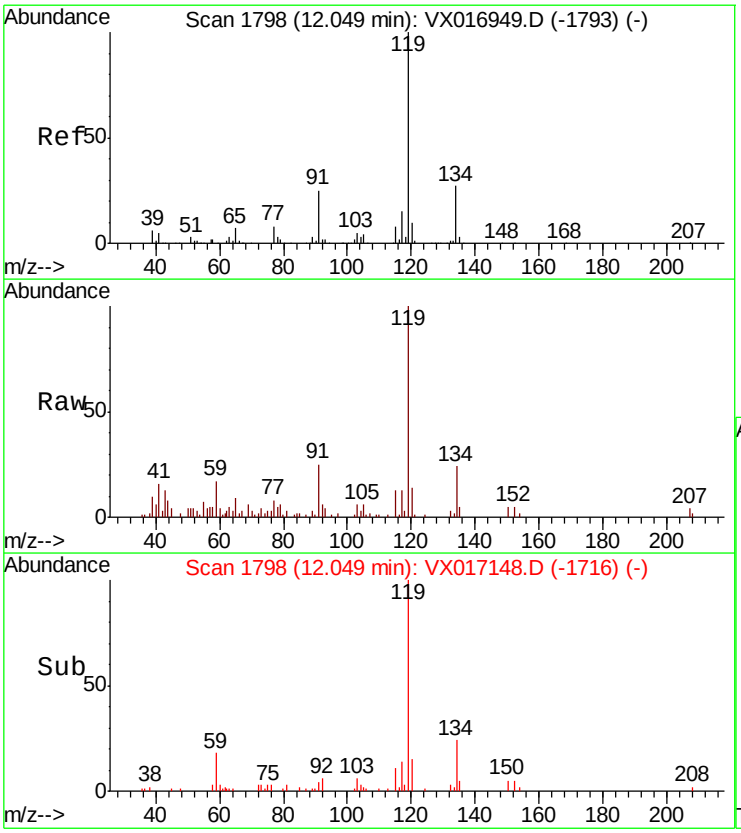
#80
1,2,4-Trimethylbenzene
Concen: 1.112 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 10739

Ion	Ratio	Lower	Upper
105	100		
120	6.2	0.0	89.8

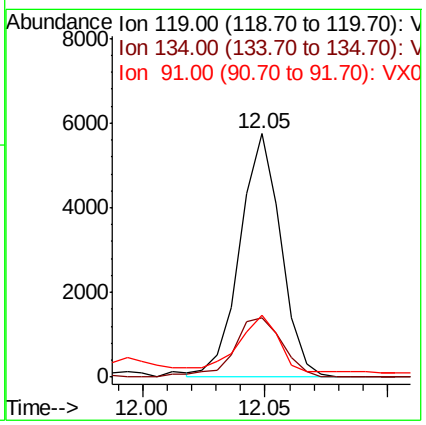


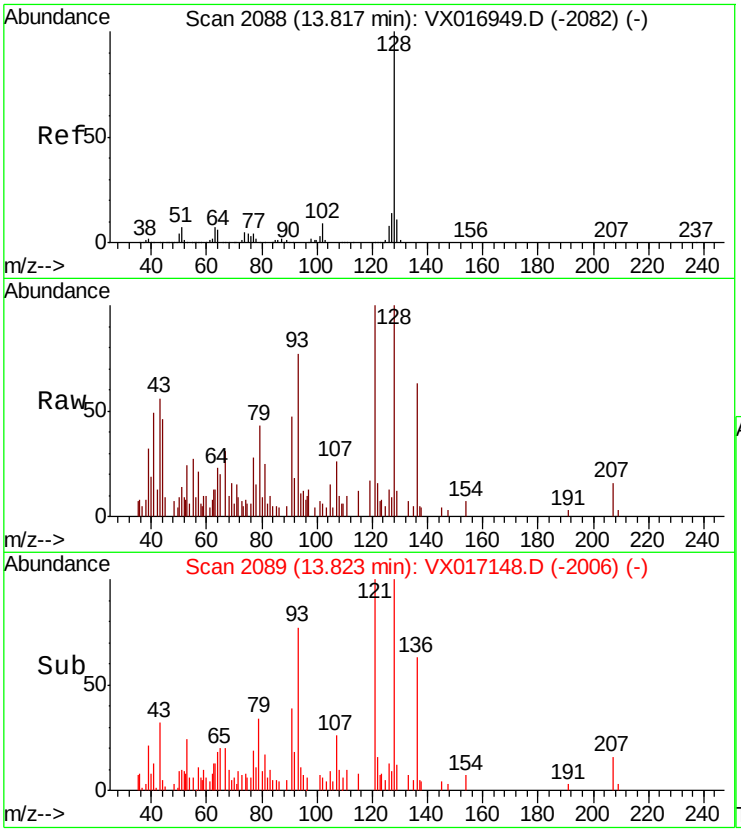


#82
p-Isopropyltoluene
Concen: 0.663 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion:119 Resp: 6683

Ion	Ratio	Lower	Upper
119	100		
134	28.9	0.0	53.0
91	23.7	0.0	49.0





#91
Naphthalene
Concen: 0.221 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 2373

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	15.4	9.0	13.4#