

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 :
 002-35TH-AVE-(JULY)

Quant Time: Jul 03 01:33:15 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%

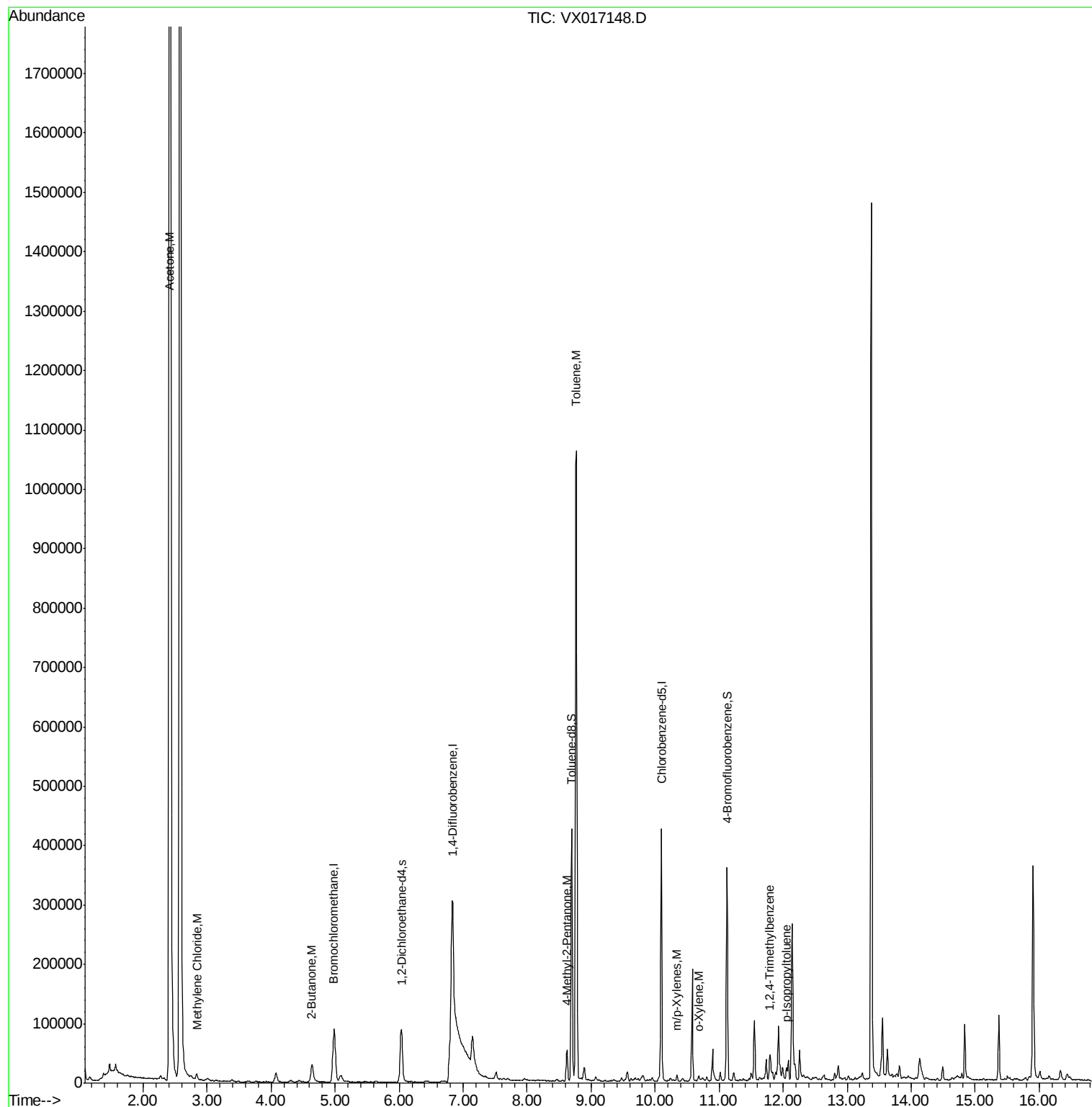
Target Compounds					Ovalue
15) Acetone	2.42	58	2089145	5914.948	ug/l 98
18) Methylene Chloride	2.84	84	3989	1.450	ug/l 97
30) 2-Butanone	4.64	43	51722	28.148	ug/l 99
58) 4-Methyl-2-Pentanone	8.62	43	29545	8.341	ug/l 97
62) Toluene	8.77	91	689266	65.533	ug/l 99
67) m/p-Xylenes	10.34	106	2245	0.510	ug/l 90
68) o-Xylene	10.68	106	1105	0.261	ug/l 85
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

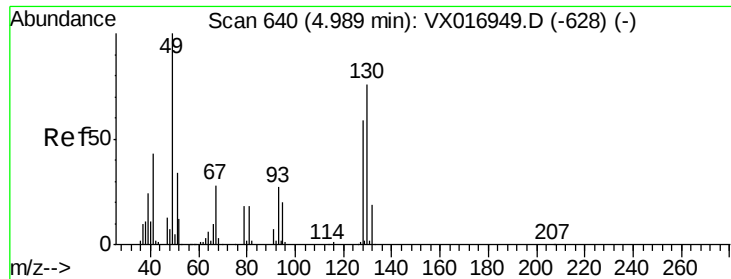
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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002-35TH-AVE-(JULY)

Quant Time: Jul 03 01:33:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
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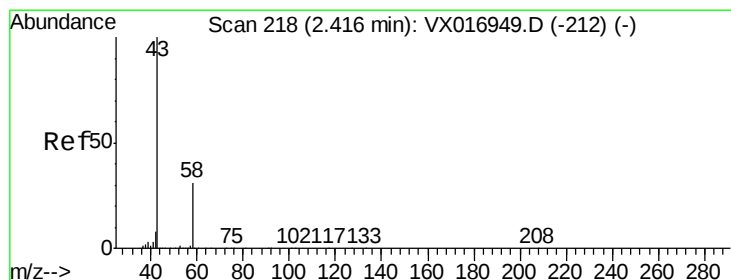
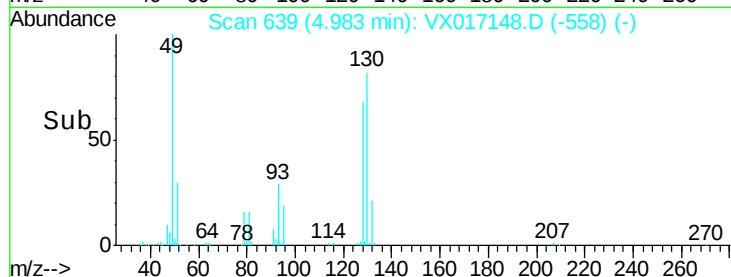
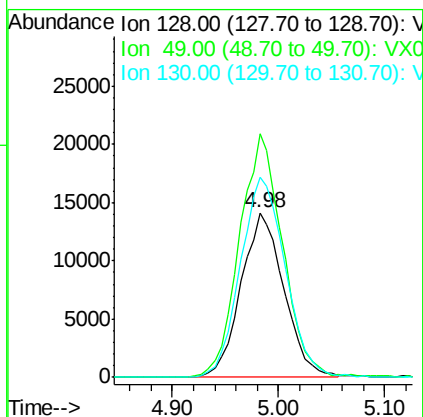
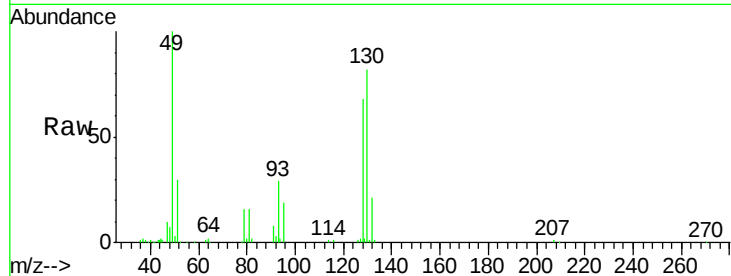




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: VX017148.D
 Acq: 02 Jul 2020 15:09

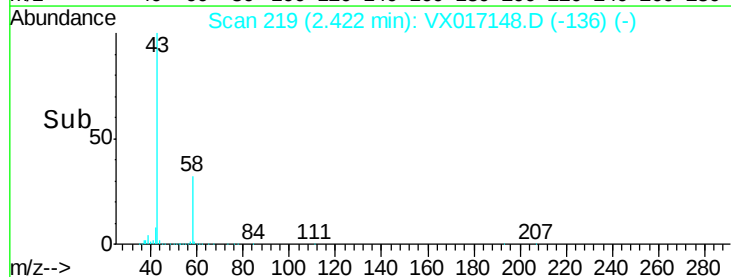
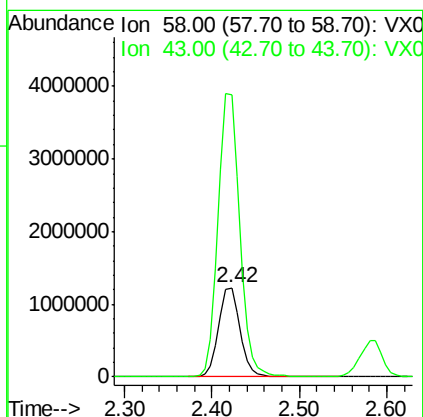
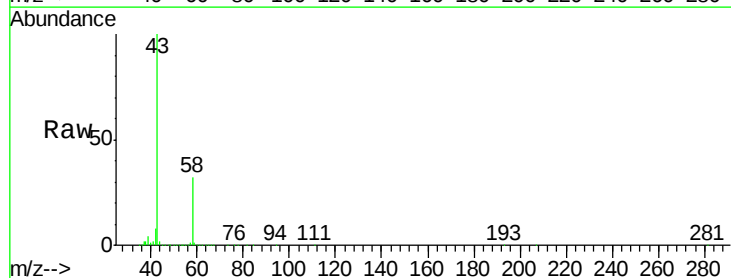
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(JULY)

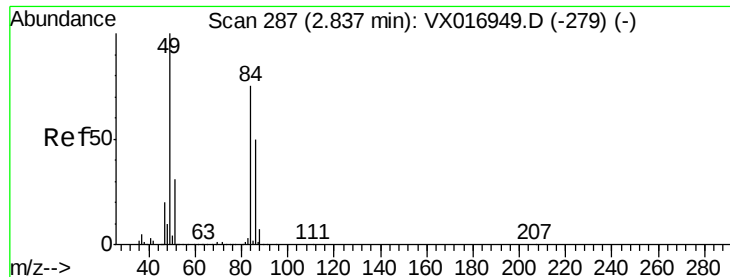
Tot Ion:128 Resp: 39905
 Ion Ratio Lower Upper
 128 100
 49 148.5 0.0 428.0
 130 127.6 0.0 318.0



#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

Tgt Ion: 58 Resp: 2089145
 Ion Ratio Lower Upper
 58 100
 43 316.9 257.6 386.4





#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 :

002-35TH-AVE-(JULY)

Tot Ion: 84 Resp: 3989

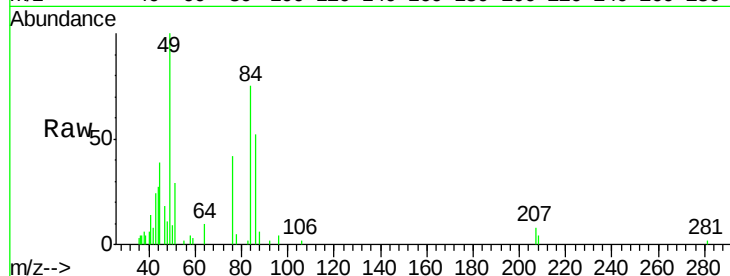
Ion Ratio Lower Upper

84 100

49 131.0 106.6 159.8

51 38.7 32.7 49.1

86 70.2 53.0 79.6

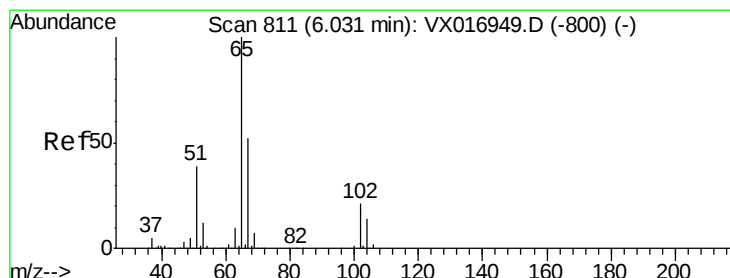
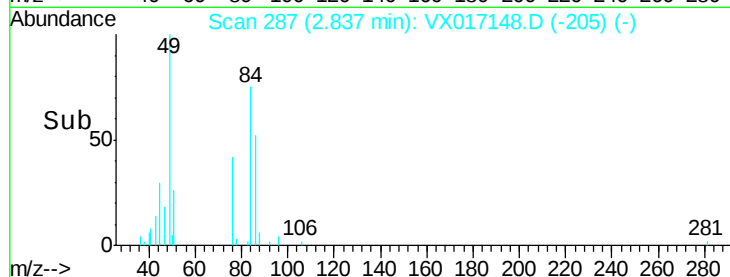
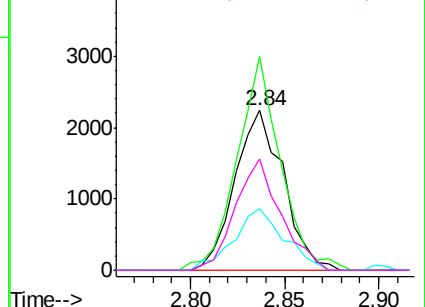


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#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

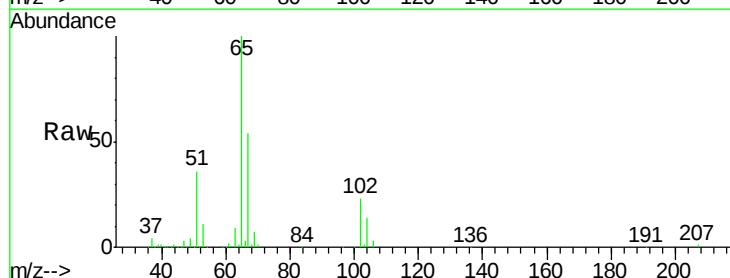
Acq: 02 Jul 2020 15:09

Tgt Ion: 65 Resp: 85549

Ion Ratio Lower Upper

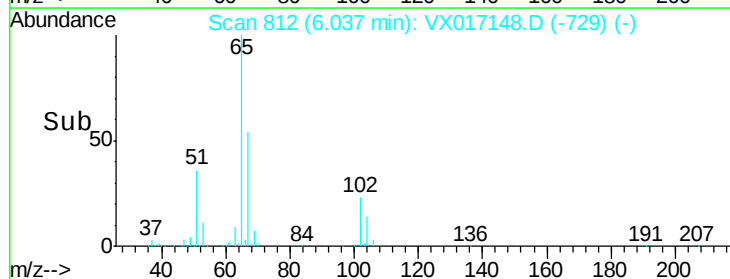
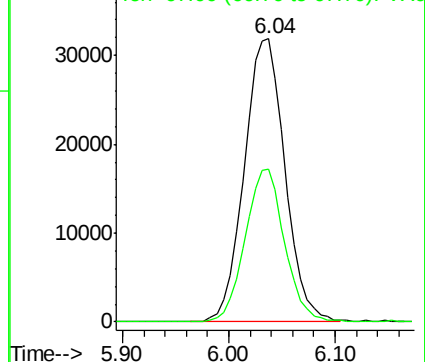
65 100

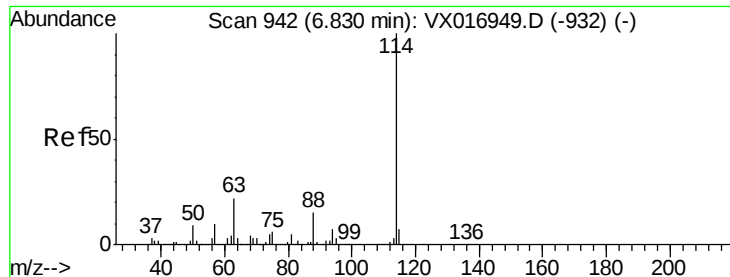
67 52.0 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

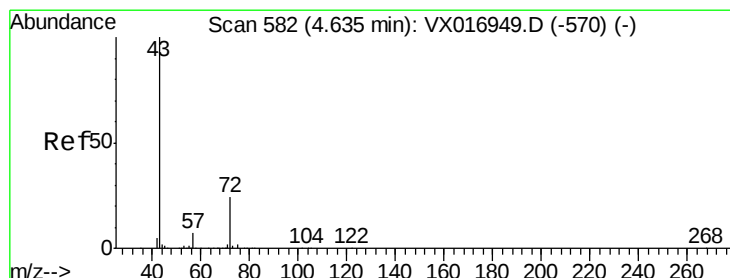
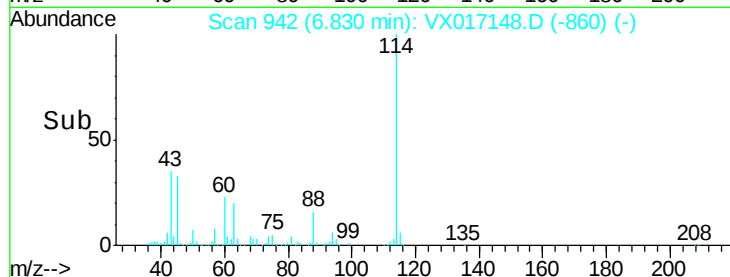
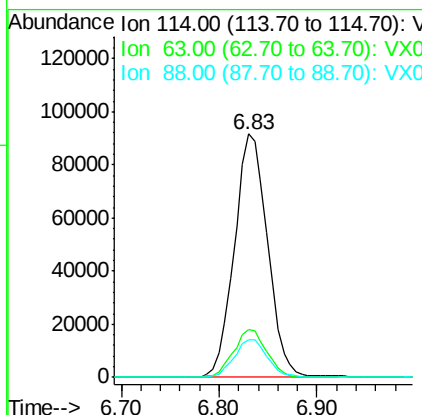
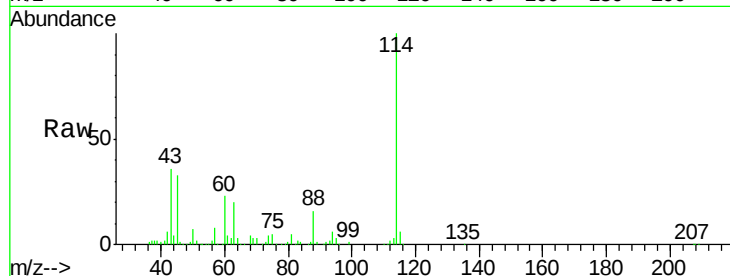




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017148.D
 Acq: 02 Jul 2020 15:09

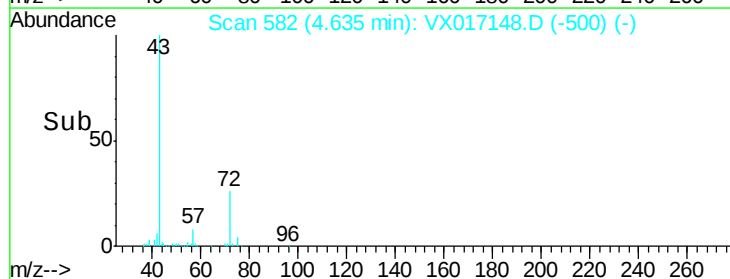
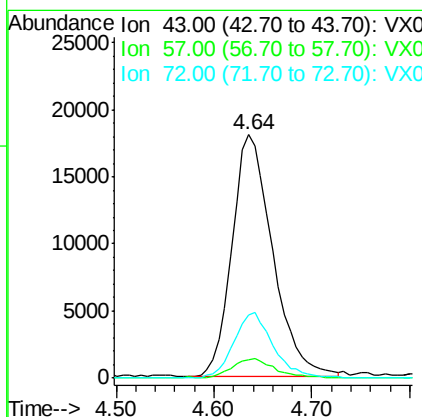
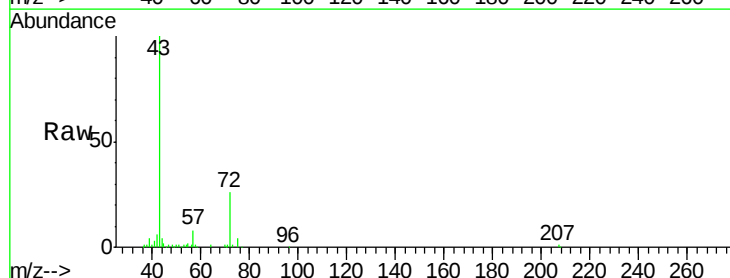
Instrument :
 MSVOA_X
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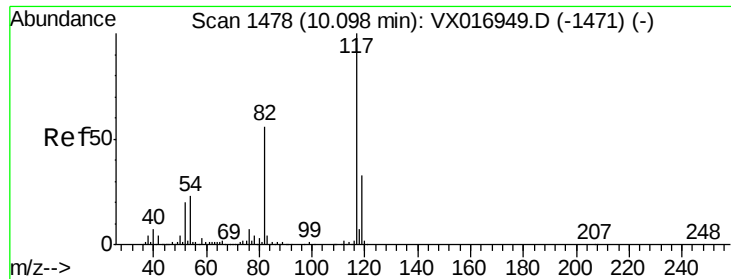
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	17.4	26.2
88	15.5	13.0	19.6



#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

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

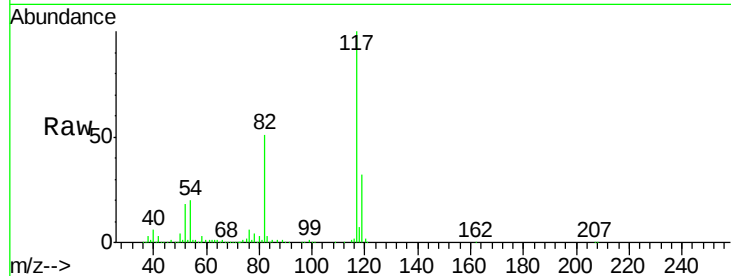




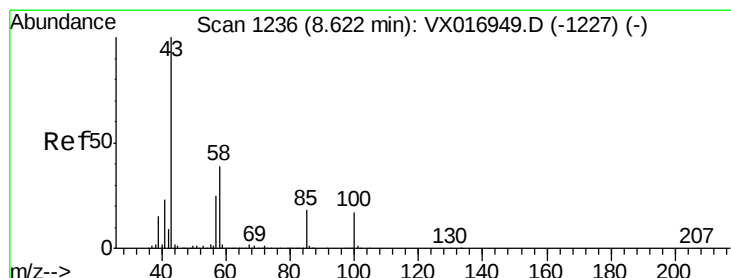
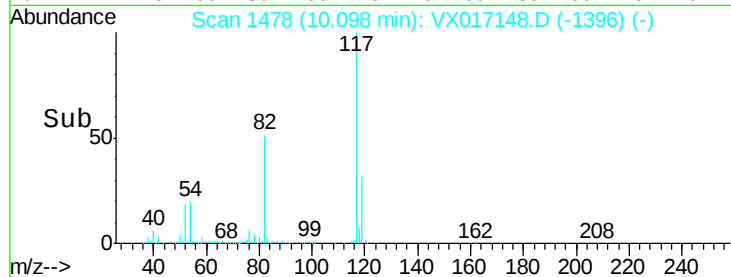
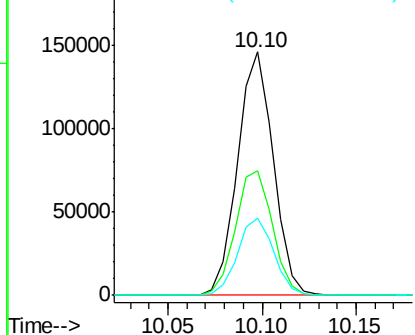
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(JULY)

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

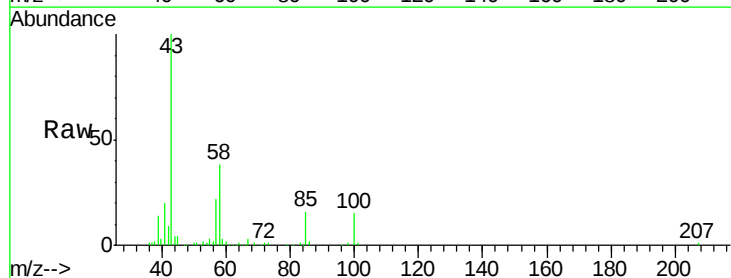


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

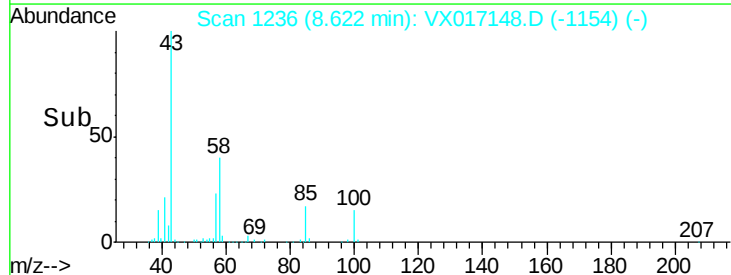
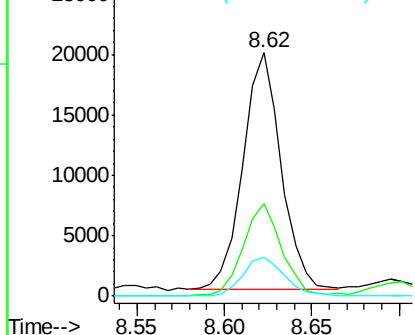


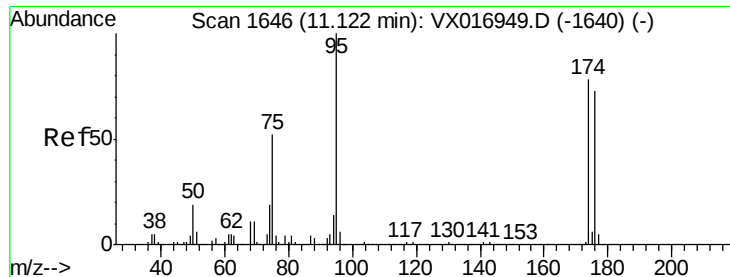
#58
4-Methyl-2-Pentanone
Concen: 8.341 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

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



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

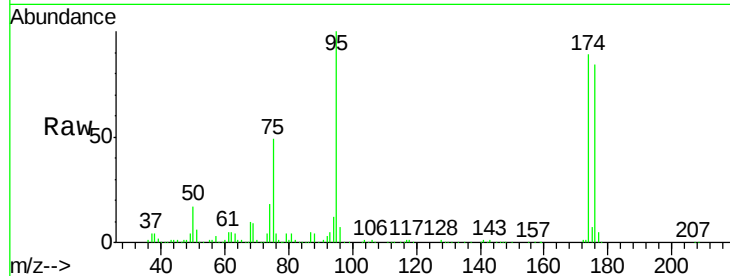




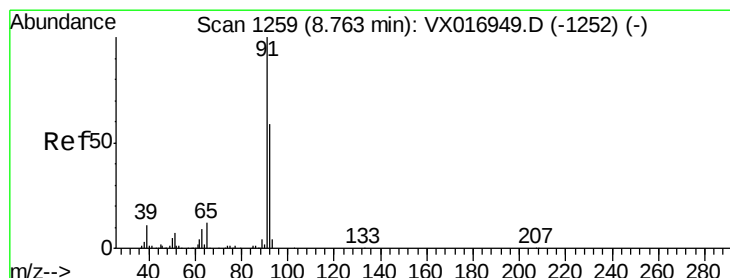
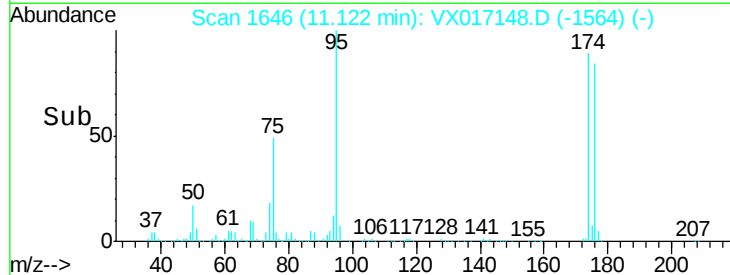
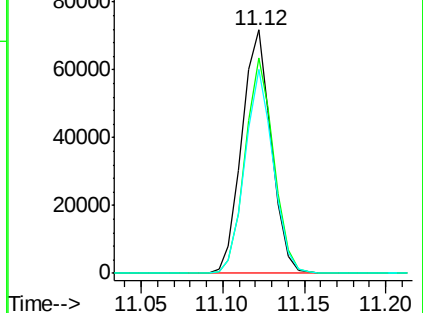
#60
4-Bromofluorobenzene
Concen: 28.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Instrument :
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ClientSampleId :
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Tot Ion	95	Resp	90564
Ion Ratio	100	Lower	Upper
174	86.0	62.2	93.4
176	80.7	58.9	88.3

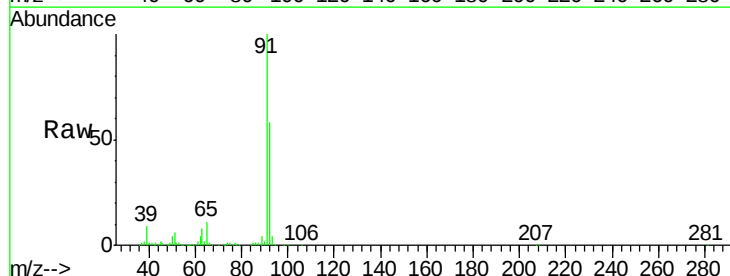


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

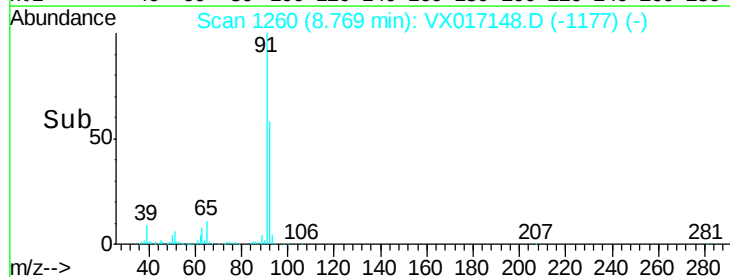
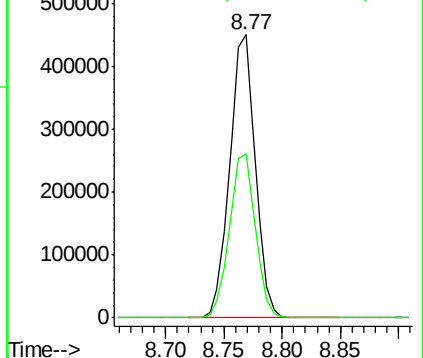


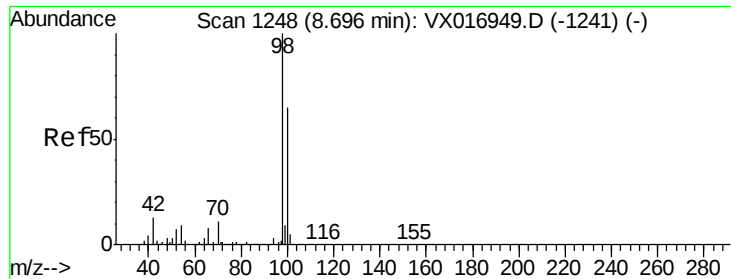
#62
Toluene
Concen: 65.533 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

Tgt Ion	91	Resp	689266
Ion Ratio	100	Lower	Upper
92	59.0	46.8	70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#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

Instrument :

MSVOA_X

ClientSampleId :

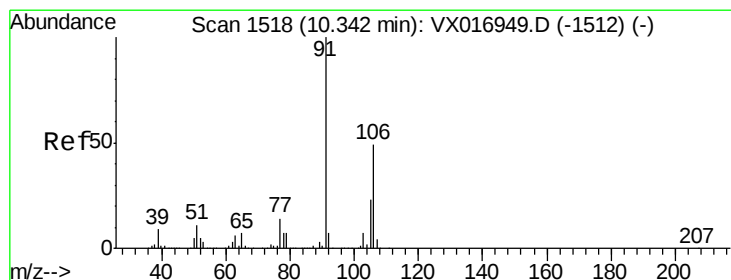
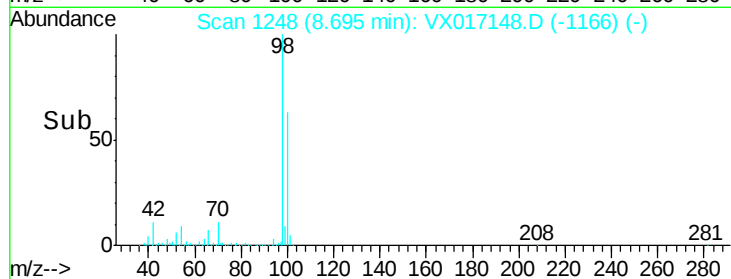
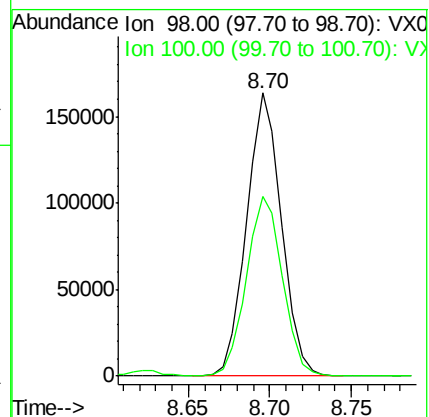
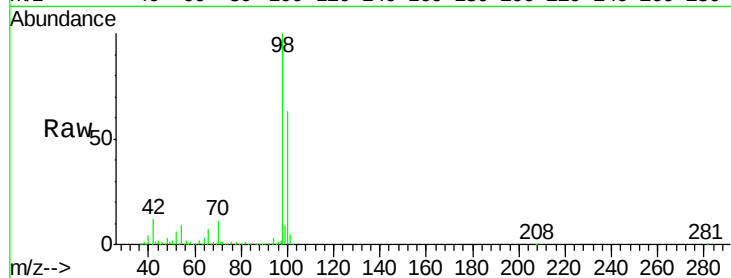
002-35TH-AVE-(JULY)

Tot 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

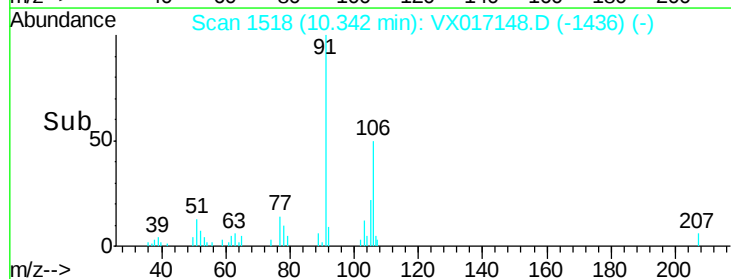
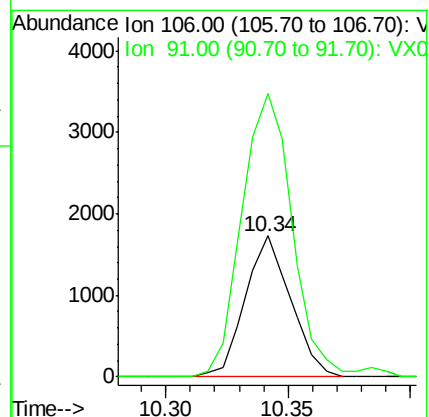
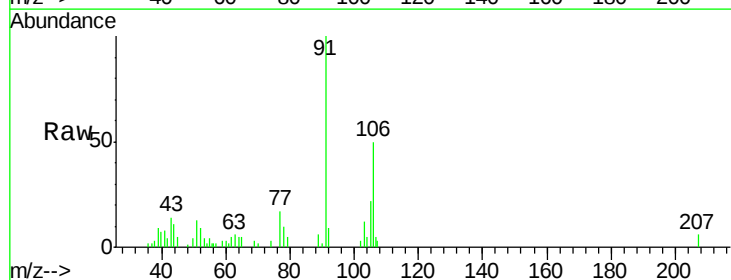
Acq: 02 Jul 2020 15:09

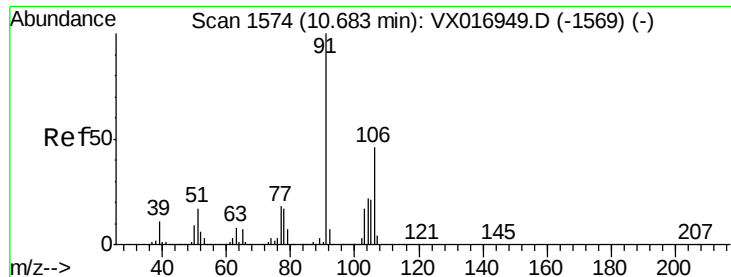
Tgt Ion: 106 Resp: 2245

Ion Ratio Lower Upper

106 100

91 221.1 164.5 246.7

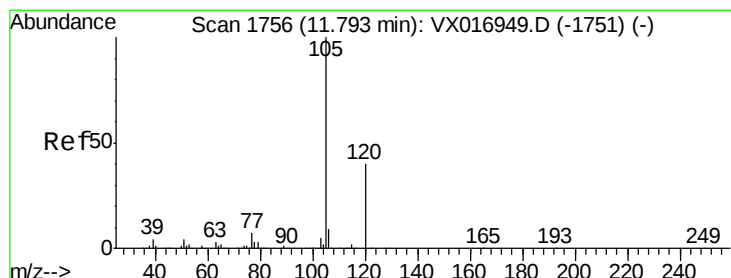
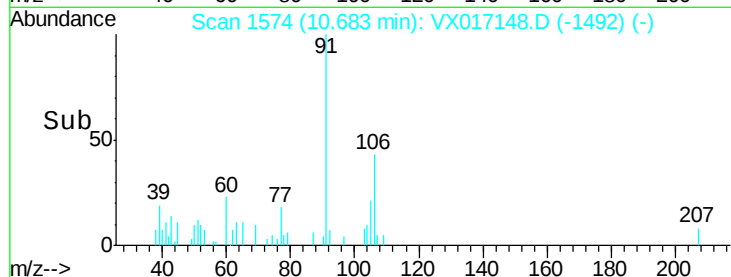
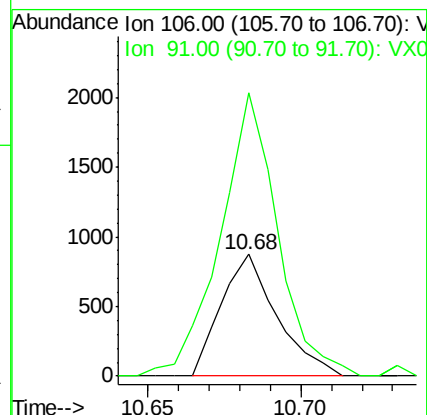
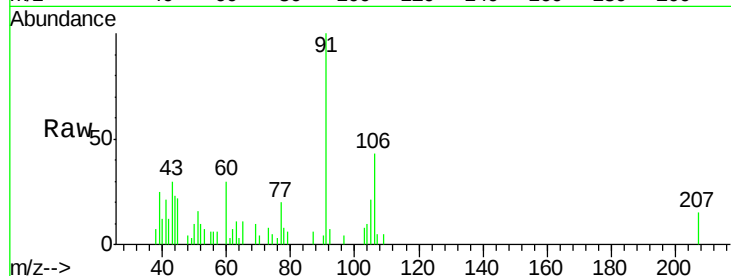




#68
o-Xylene
Concen: 0.261 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017148.D
Acq: 02 Jul 2020 15:09

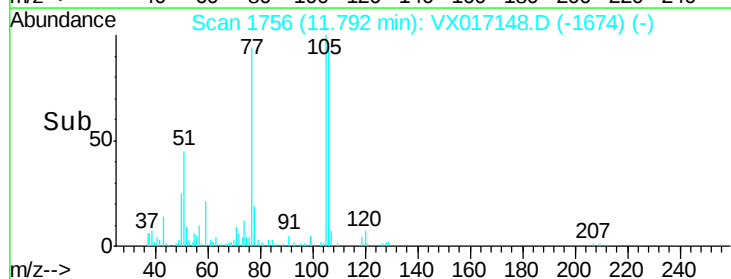
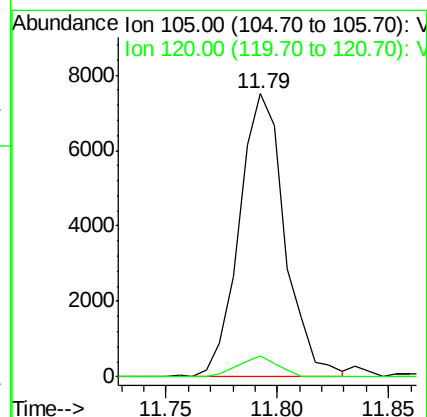
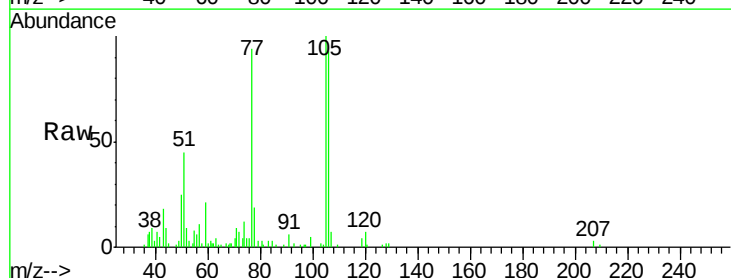
Instrument :
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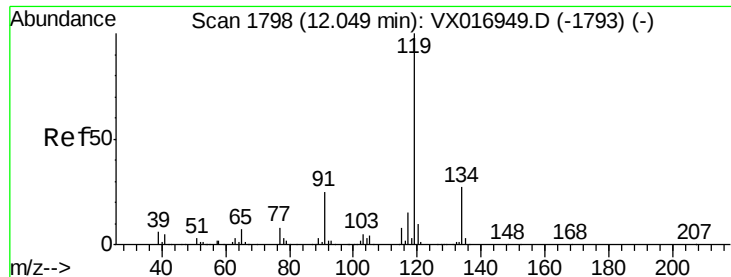
Tot Ion:106 Resp: 1105
Ion Ratio Lower Upper
106 100
91 238.3 107.3 321.9



#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

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

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(JULY)

Tot Ion:	119	Resp:	6683
Ion	Ratio	Lower	Upper
119	100		
134	28.9	0.0	53.0
91	23.7	0.0	49.0

