

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019057.D
 Acq On : 23 Oct 2020 03:34
 Operator : JC/SP
 Sample : L4417-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:20:26 PM

Quant Time: Oct 23 09:27:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	318340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	522235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	268106	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185512	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.46	113	169368	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.70	98	667877	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	241394	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	752468	974.325	ug/l	100
16) Acetone	2.42	43	6001	4.620	ug/l	99
17) Carbon Disulfide	2.56	76	30878	3.455	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5933285	604.518	ug/l	100
31) Cyclohexane	5.54	56	1354m	0.303	ug/l	
40) Benzene	6.11	78	13916	0.961	ug/l	99
52) Toluene	8.76	92	63404	6.628	ug/l	99
67) Ethyl Benzene	10.24	91	43934	2.327	ug/l	99
68) m/p-Xylenes	10.34	106	25449	3.518	ug/l	100
69) o-Xylene	10.68	106	7247	1.047	ug/l	100
73) Isopropylbenzene	11.00	105	9339	0.484	ug/l	99
78) n-propylbenzene	11.34	91	17365	0.795	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	9349	0.587	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	32516	2.039	ug/l	97
95) Naphthalene	13.82	128	36310	1.893	ug/l	98

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

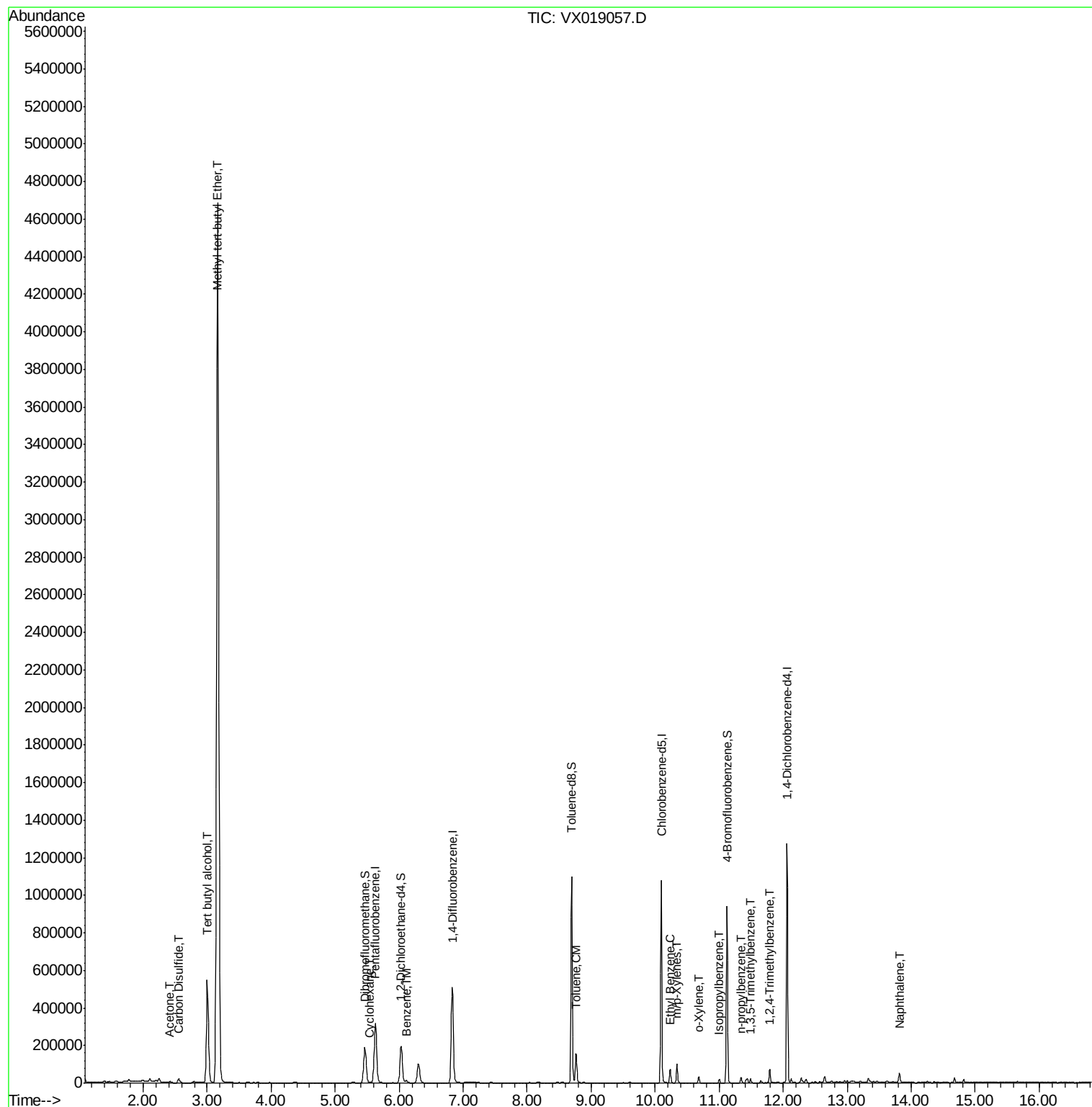
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019057.D
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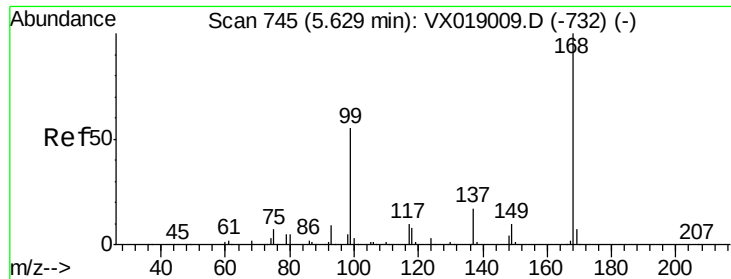
Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Manual Integrations
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Quant Time: Oct 23 09:27:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019057.D

Acq: 23 Oct 2020 03:34

Instrument :

MSVOA_X

ClientSampled :

MW-1D

Tot Ion:168 Resp: 318340

Ion Ratio Lower Upper

168 100

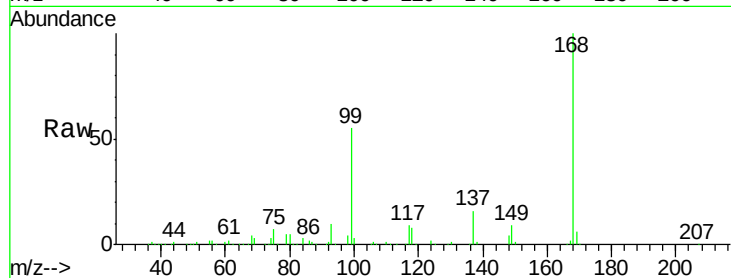
99 55.0 44.2 66.2

Manual Integrations

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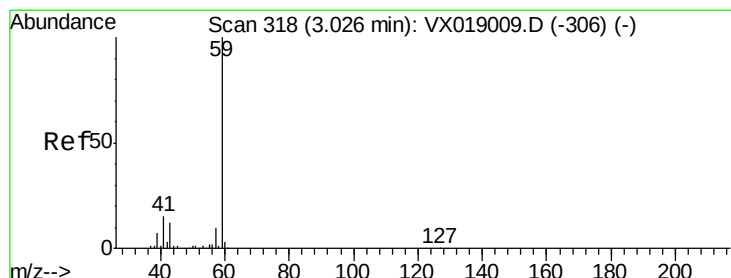
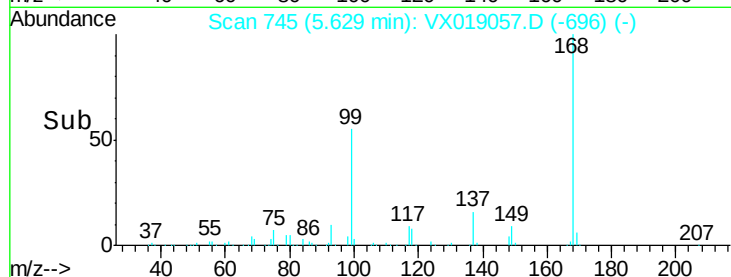
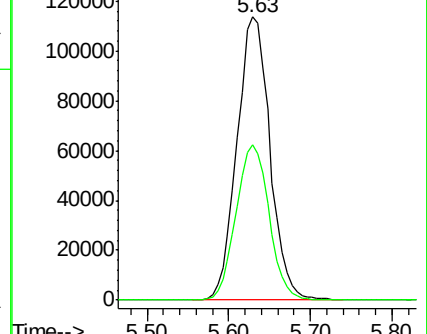
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 974.325 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.02 min

Lab File: VX019057.D

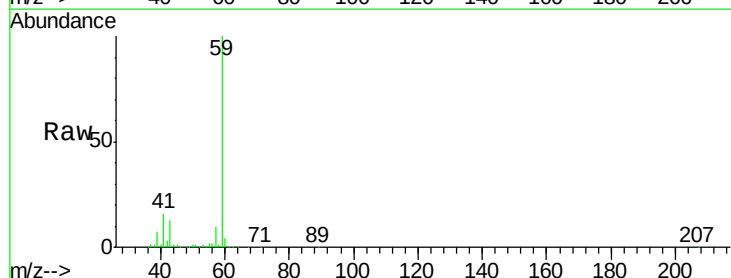
Acq: 23 Oct 2020 03:34

Tgt Ion: 59 Resp: 752468

Ion Ratio Lower Upper

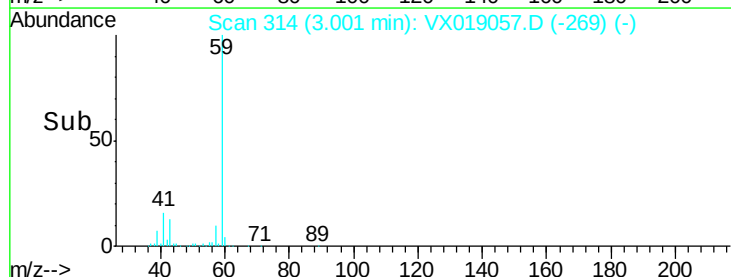
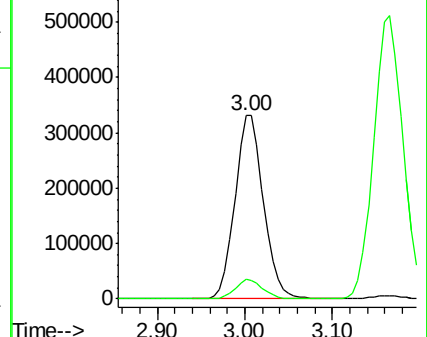
59 100

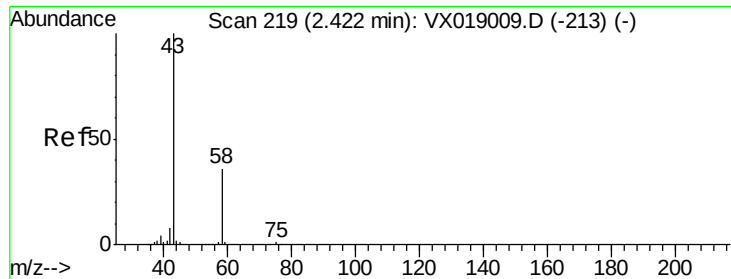
57 10.3 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





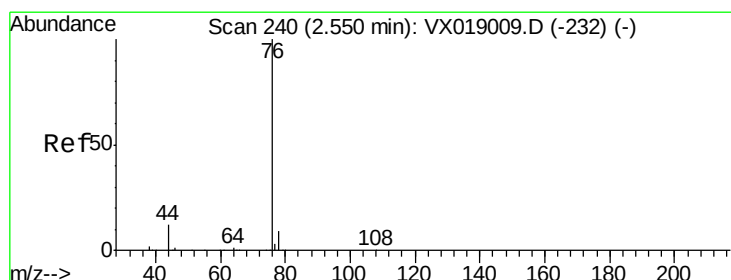
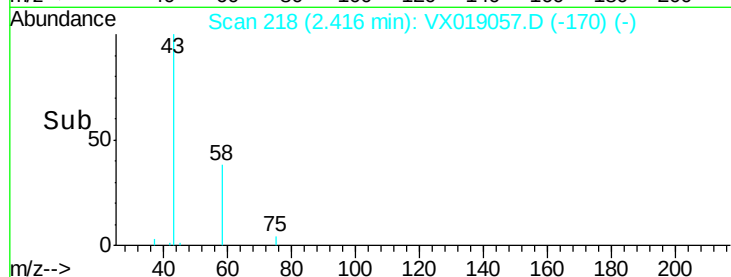
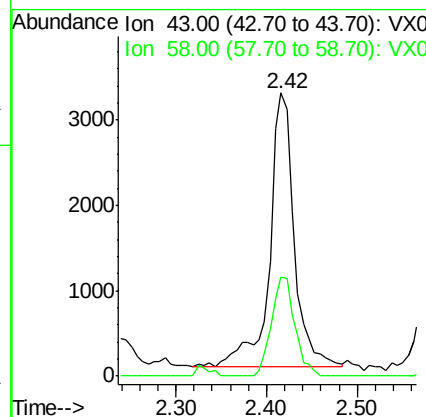
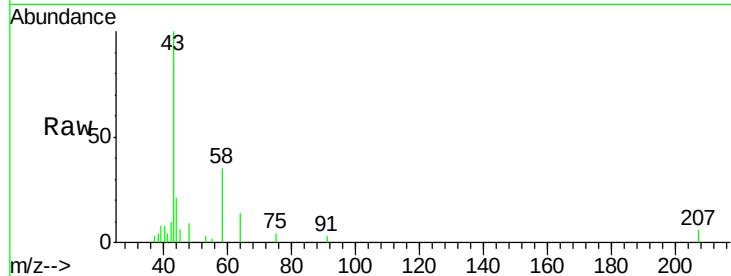
#16
Acetone
Concen: 4.620 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampled :
MW-1D

Tot Ion: 43 Resp: 6001
Ion Ratio Lower Upper
43 100
58 36.2 28.6 42.8

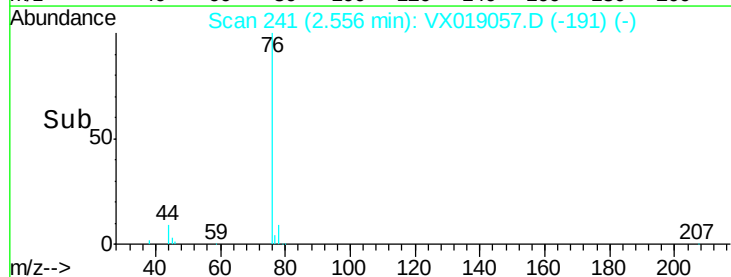
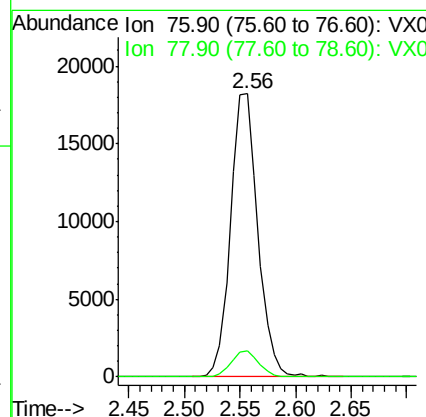
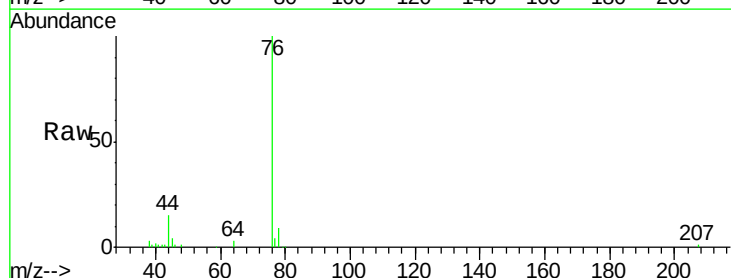
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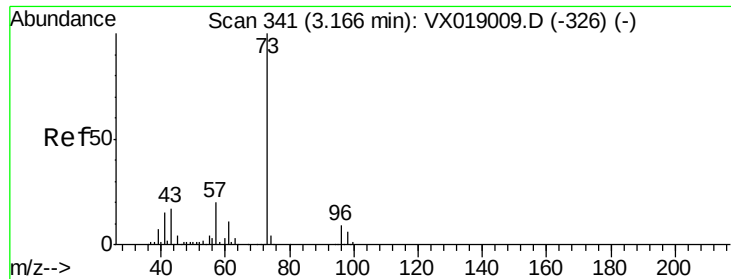
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#17
Carbon Disulfide
Concen: 3.455 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion: 76 Resp: 30878
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





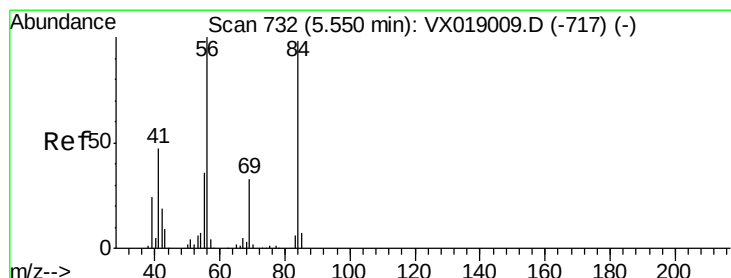
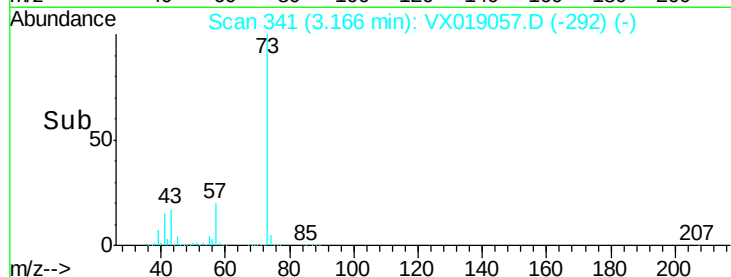
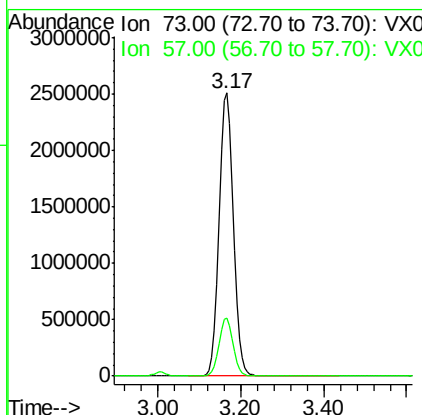
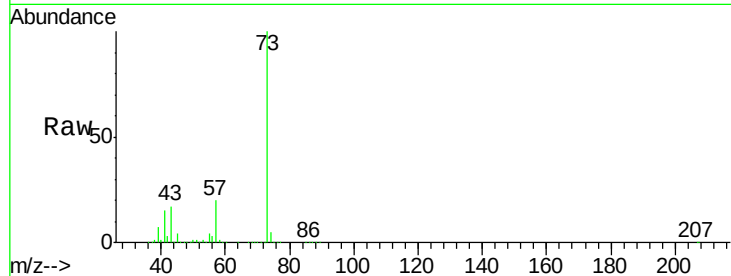
#19
Methyl tert-butyl Ether
Concen: 604.518 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampled :
MW-1D

Tot Ion: 73 Resp: 5933285
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.2

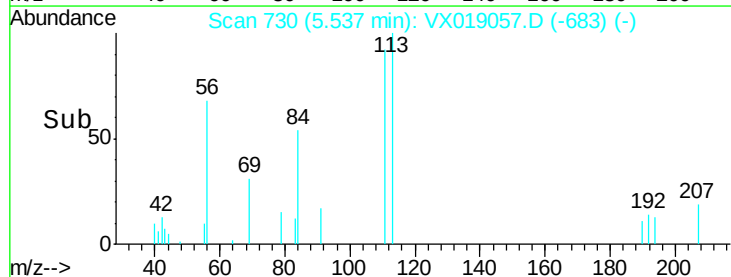
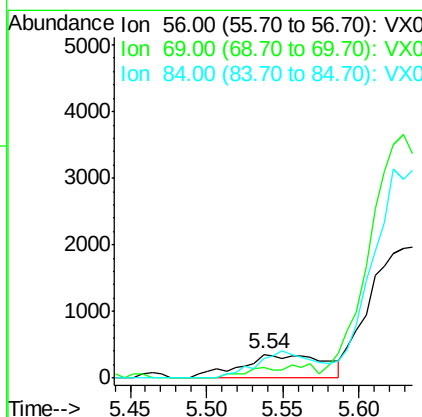
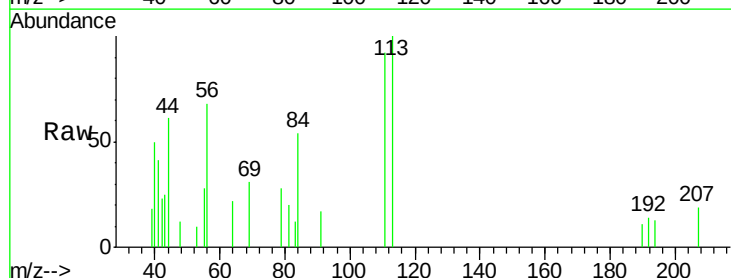
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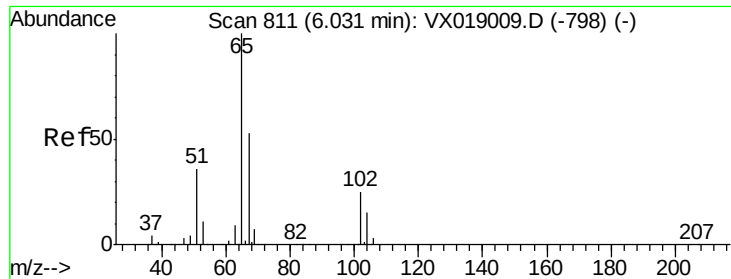
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#31
Cyclohexane
Concen: 0.303 ug/l m
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion: 56 Resp: 1354
Ion Ratio Lower Upper
56 100
69 46.0 26.2 39.2#
84 79.2 78.3 117.5





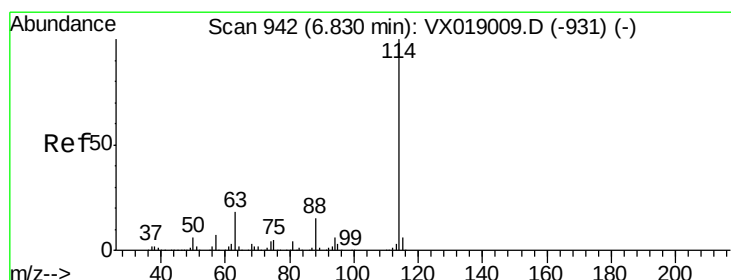
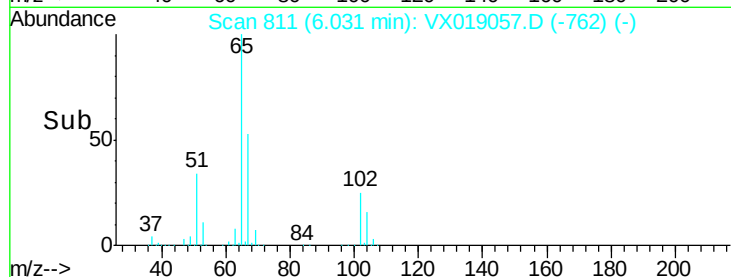
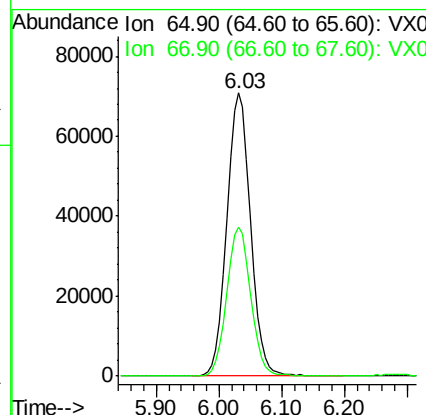
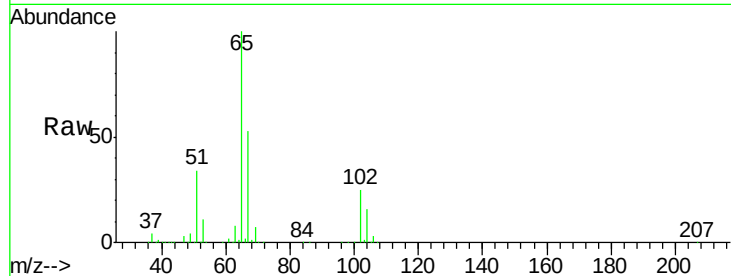
#33
 1,2-Dichloroethane-d4
 Concen: 48.650 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185512		
67	53.3	0.0	107.0	

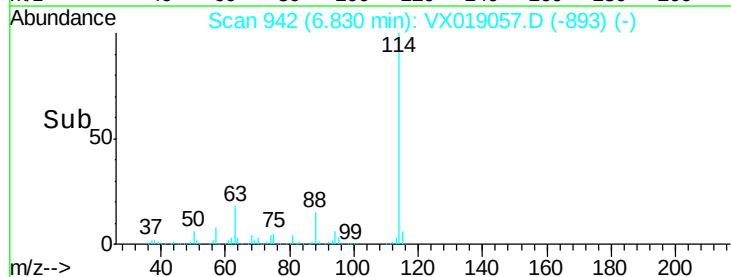
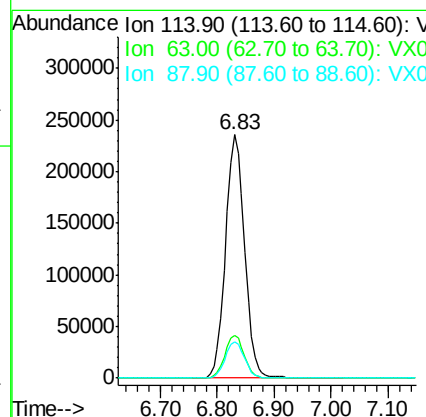
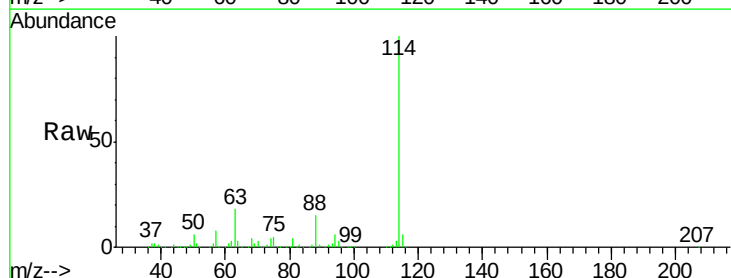
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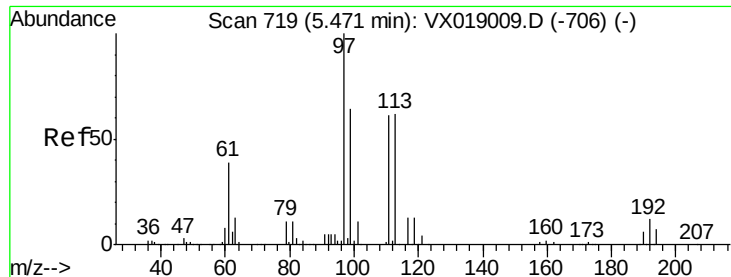
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	548097		
63	17.6	0.0	36.8	
88	14.9	0.0	30.2	





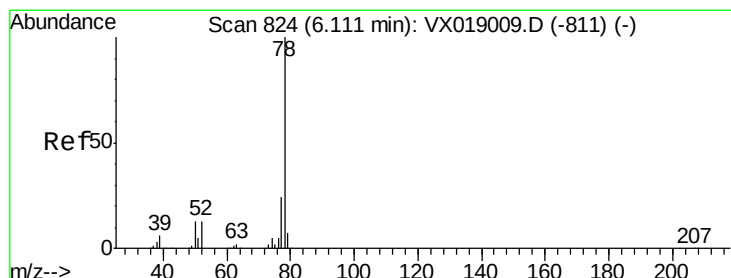
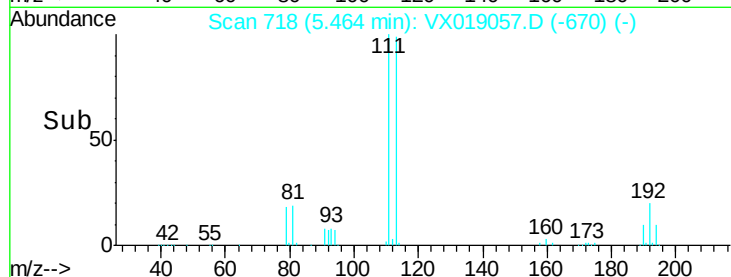
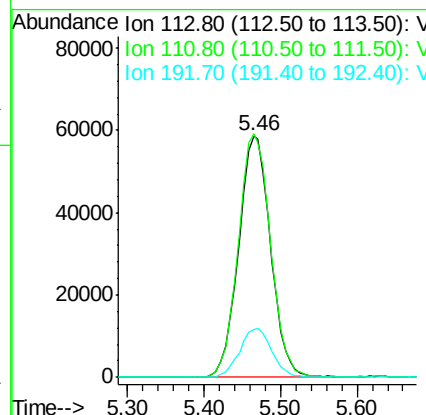
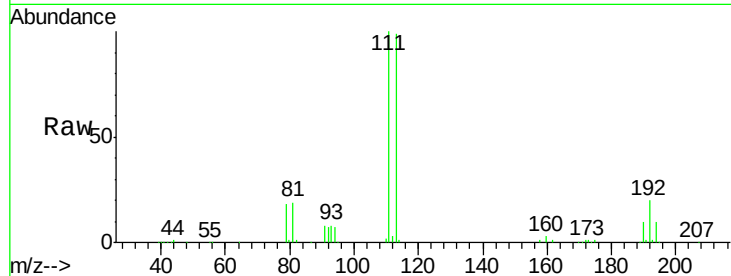
#35
 Dibromofluoromethane
 Concen: 48.807 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1D

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	20.4	16.3	24.5

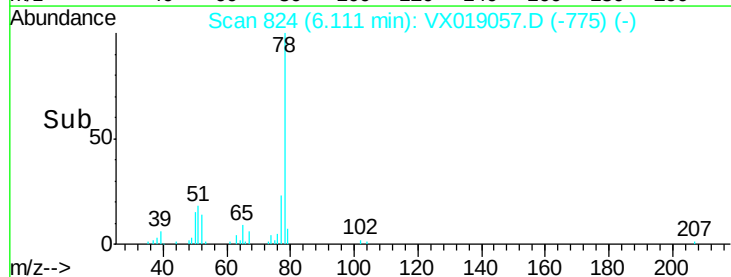
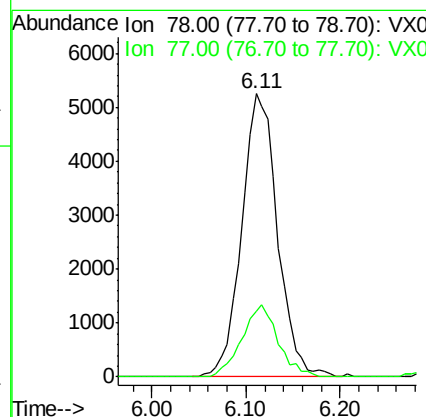
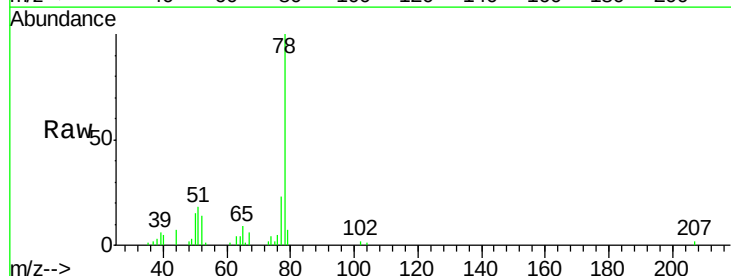
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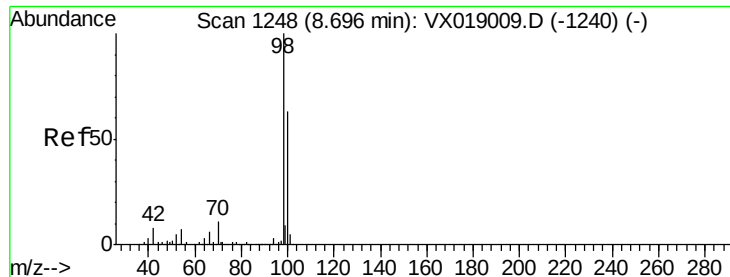
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#40
 Benzene
 Concen: 0.961 ug/l
 RT: 6.11 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.3	28.9





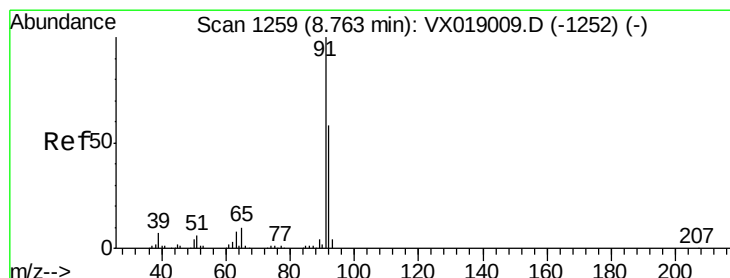
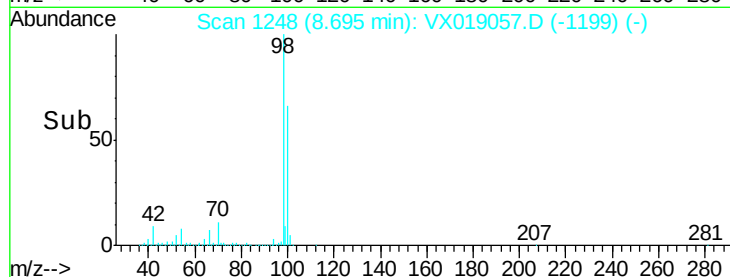
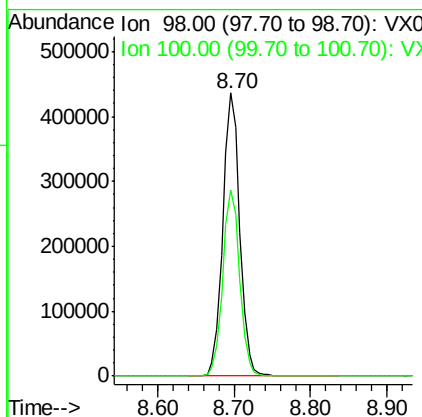
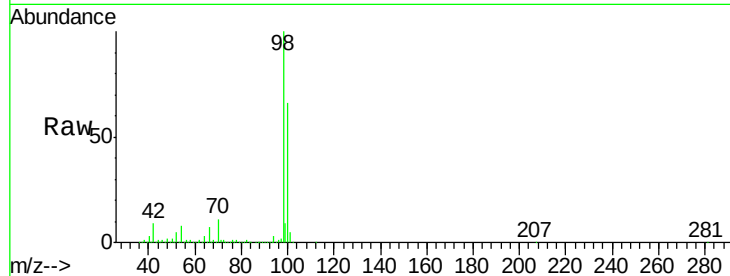
#50
Toluene-d8
Concen: 50.435 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tot Ion	98	Resp	667877
Ion Ratio	100	Lower	Upper
98	100		
100	65.8	52.1	78.1

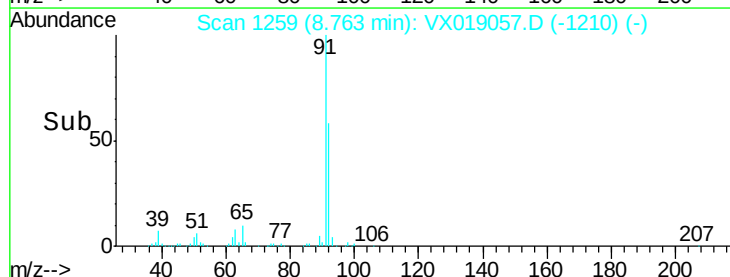
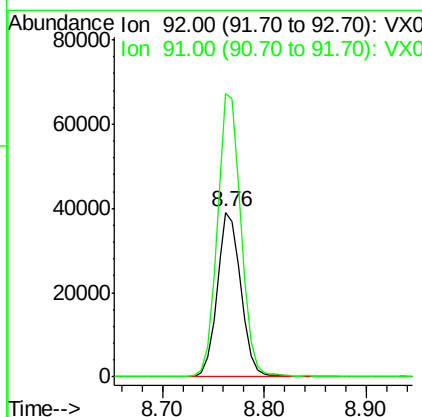
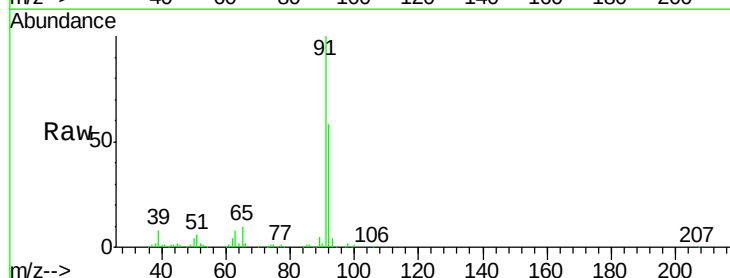
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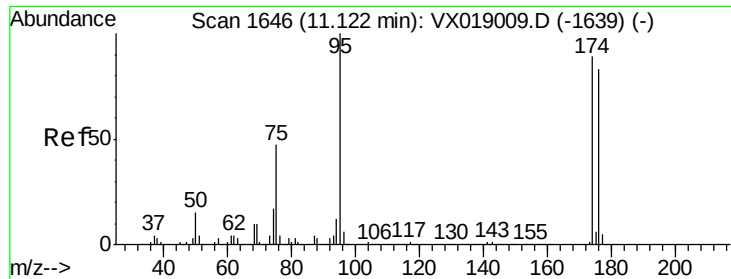
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#52
Toluene
Concen: 6.628 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion	92	Resp	63404
Ion Ratio	100	Lower	Upper
92	100		
91	171.7	138.6	208.0





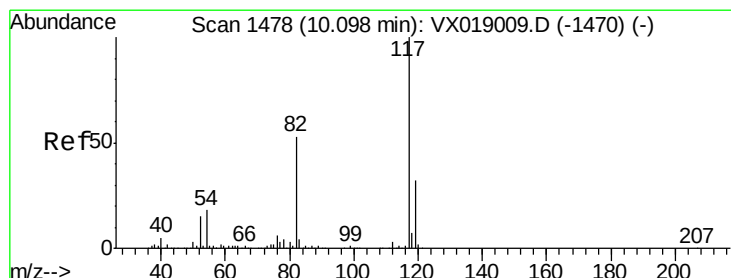
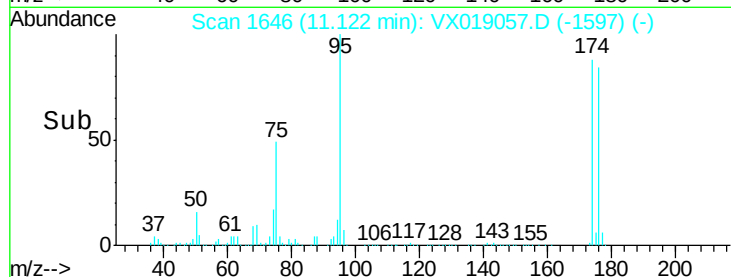
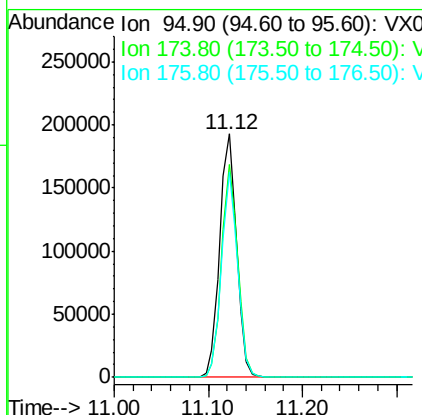
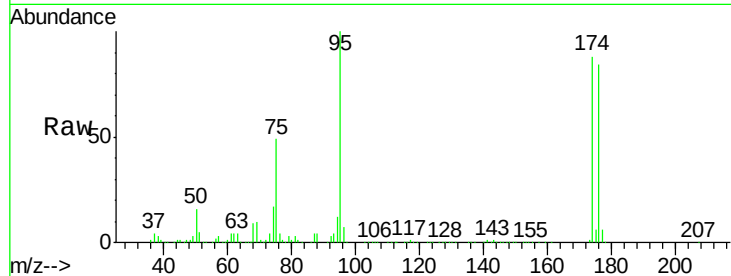
#62
4-Bromofluorobenzene
Concen: 51.248 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampled :
MW-1D

Tot Ion	Ratio	Resp	Lower	Upper
95	100	241394		
174	84.4	0.0	167.6	
176	80.4	0.0	165.2	

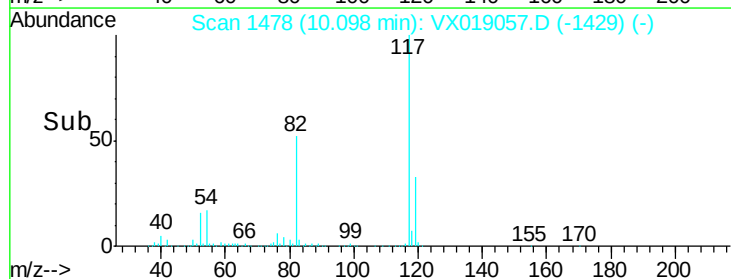
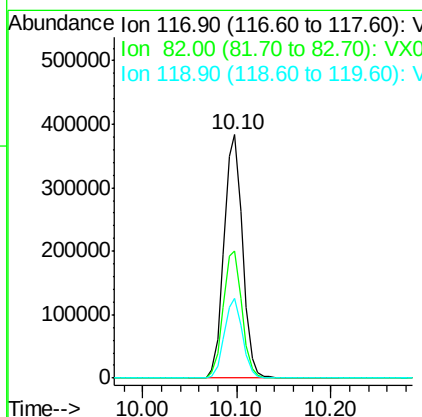
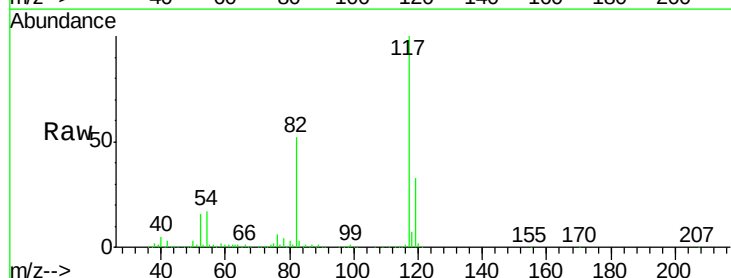
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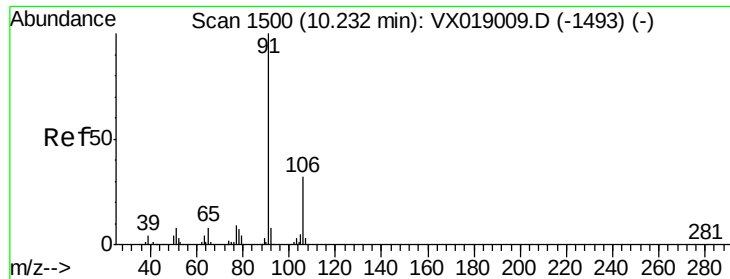
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	522235		
82	52.0	42.4	63.6	
119	32.9	25.6	38.4	





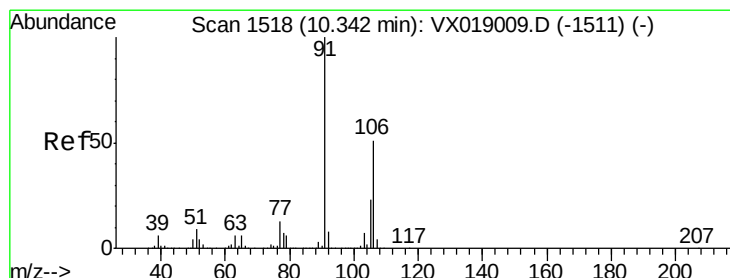
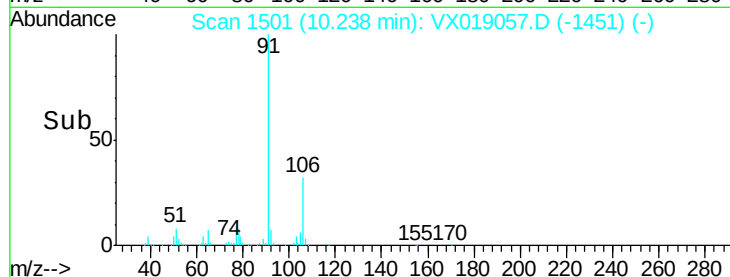
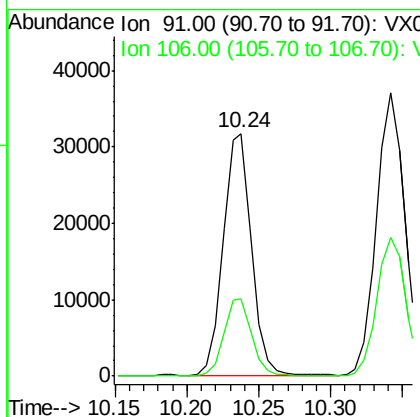
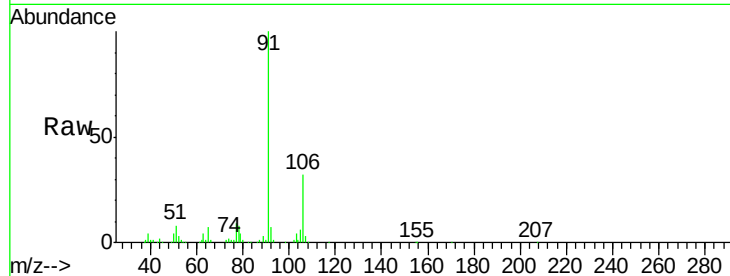
#67
Ethyl Benzene
Concen: 2.327 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampled :
MW-1D

Tot Ion: 91 Resp: 43934
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

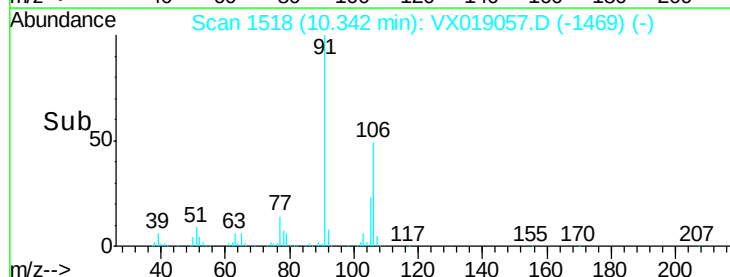
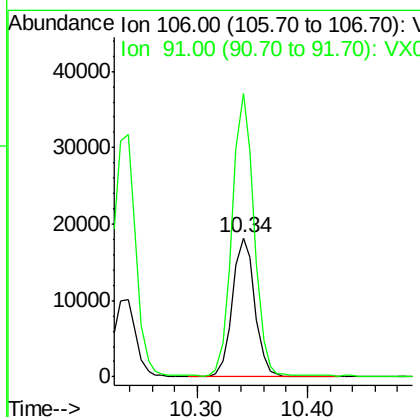
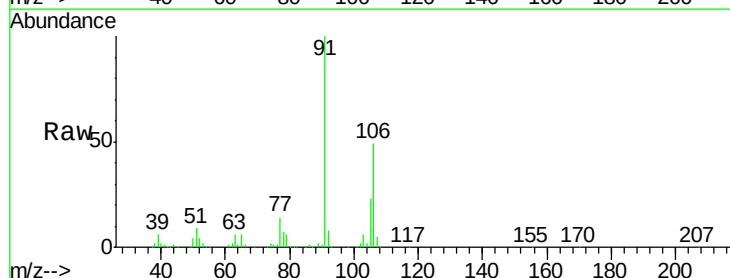
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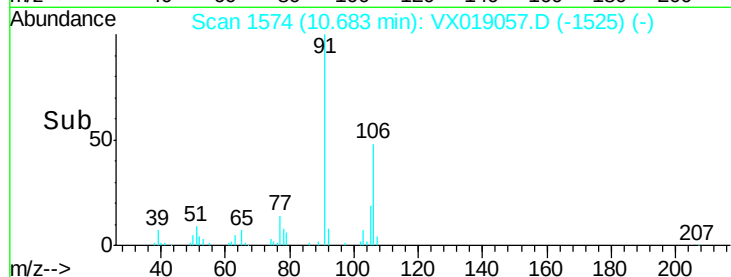
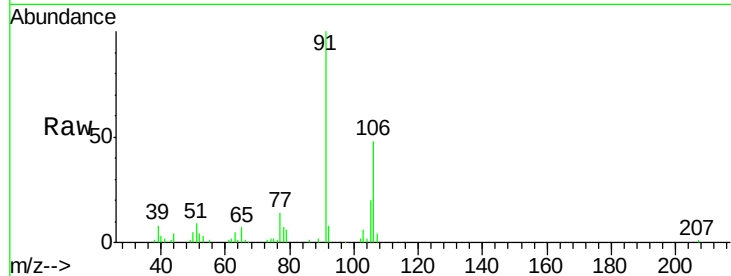
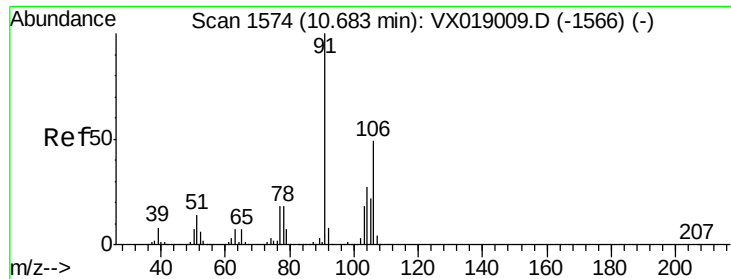
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#68
m/p-Xylenes
Concen: 3.518 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion: 106 Resp: 25449
Ion Ratio Lower Upper
106 100
91 196.5 156.9 235.3





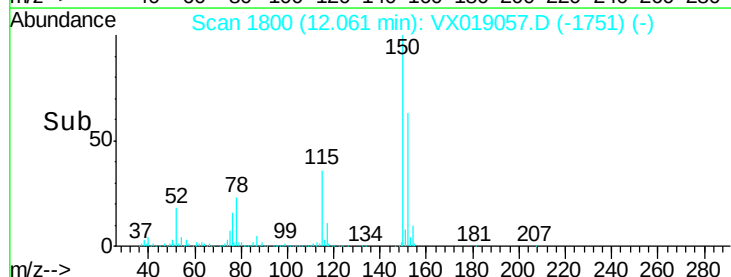
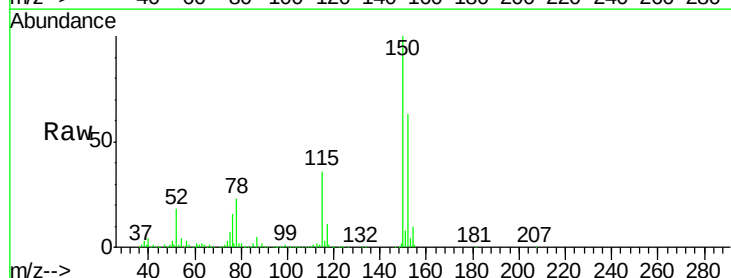
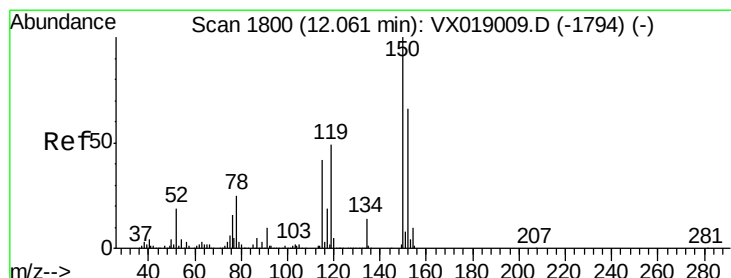
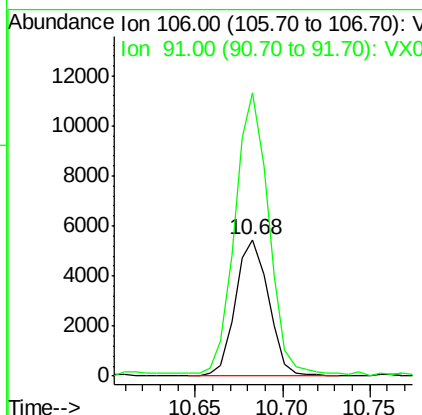
#69
o-Xylene
Concen: 1.047 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampled :
MW-1D

Tot Ion:106 Resp: 7247
Ion Ratio Lower Upper
106 100
91 208.4 104.0 312.0

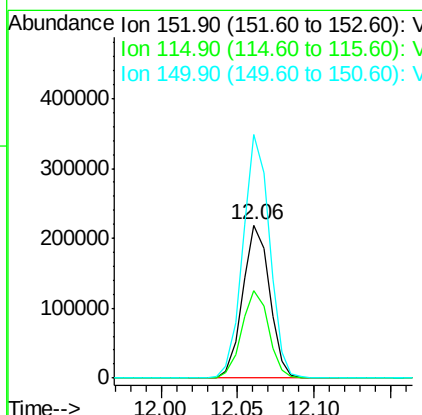
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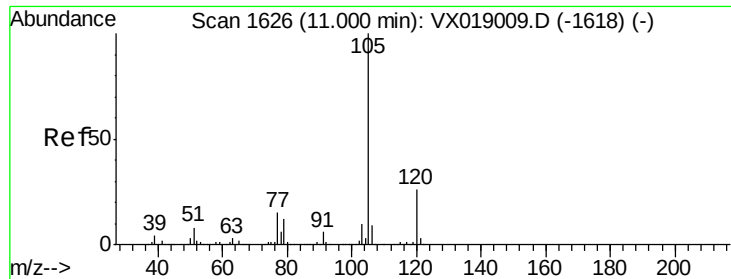
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion:152 Resp: 268106
Ion Ratio Lower Upper
152 100
115 57.0 40.8 122.5
150 157.4 0.0 345.6





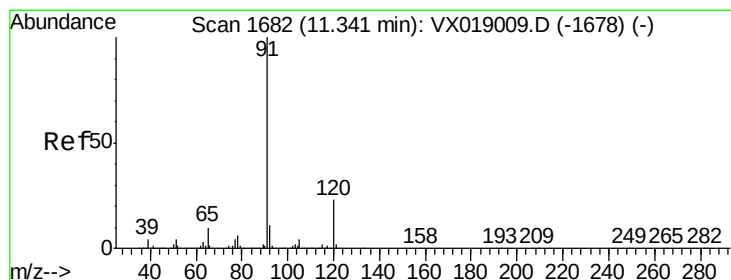
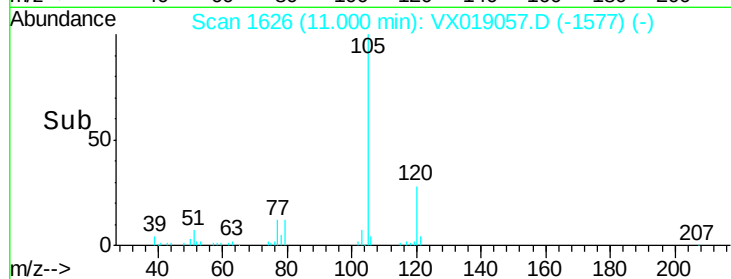
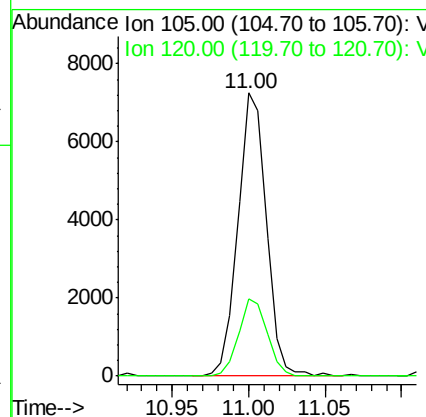
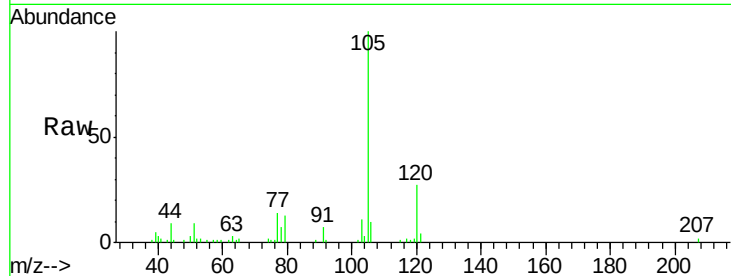
#73
Isopropylbenzene
Concen: 0.484 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.4	40.1

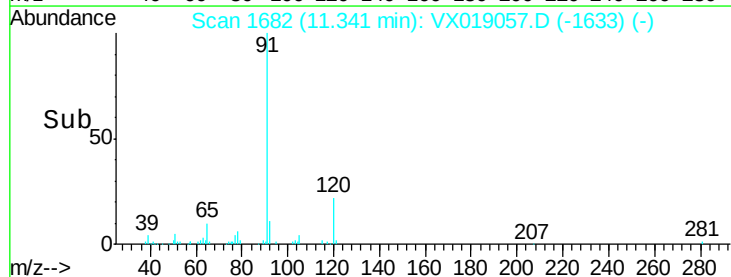
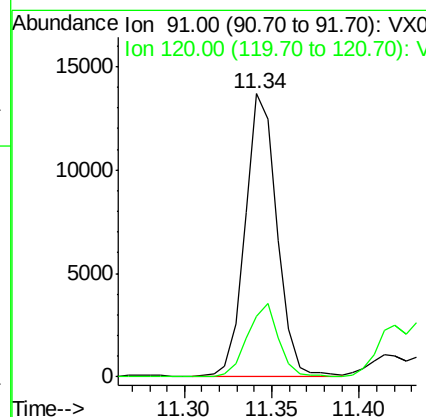
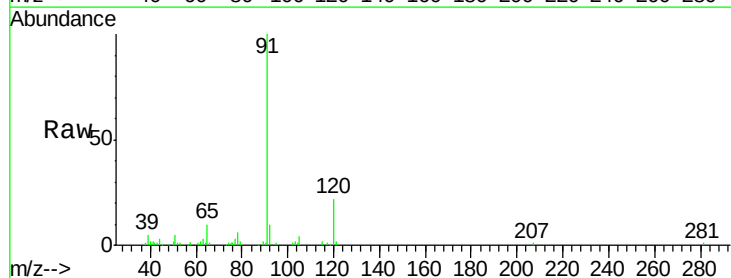
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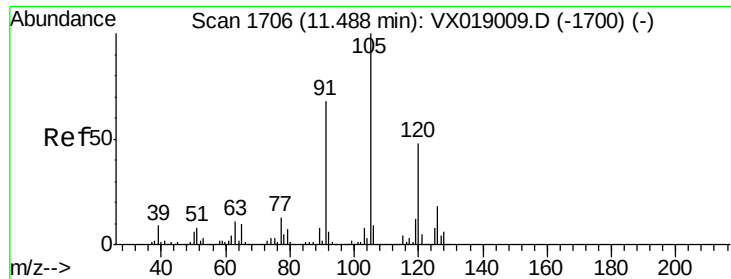
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#78
n-propylbenzene
Concen: 0.795 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.1	36.3





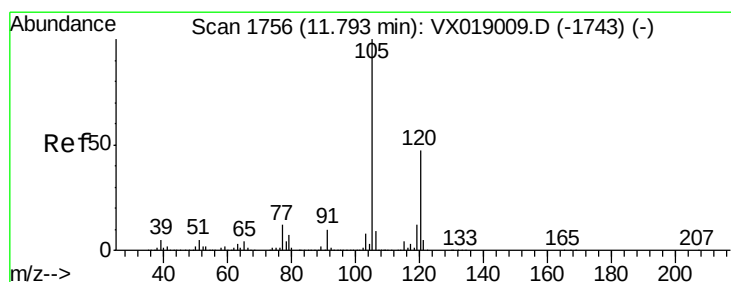
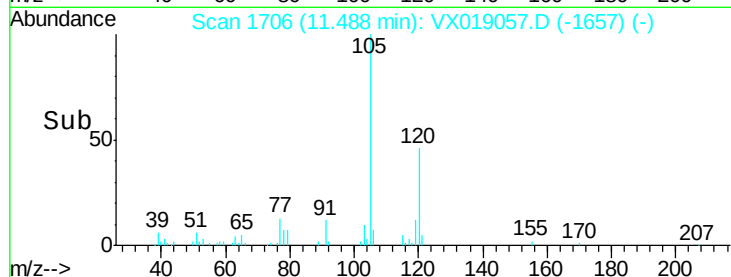
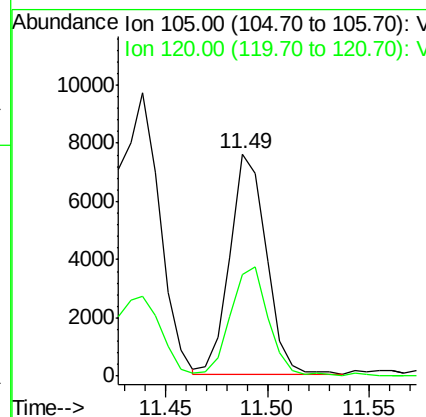
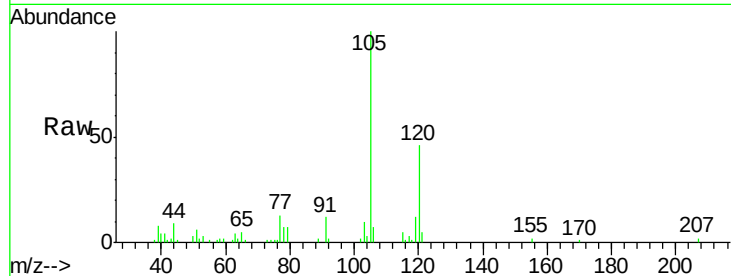
#80
 1,3,5-Trimethylbenzene
 Concen: 0.587 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Instrument :
 MSVOA_X
 ClientSampleID :
 MW-1D

Tot Ion:105 Resp: 9349
 Ion Ratio Lower Upper
 105 100
 120 51.9 25.2 75.6

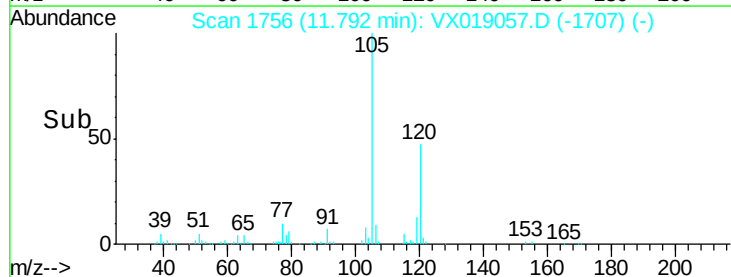
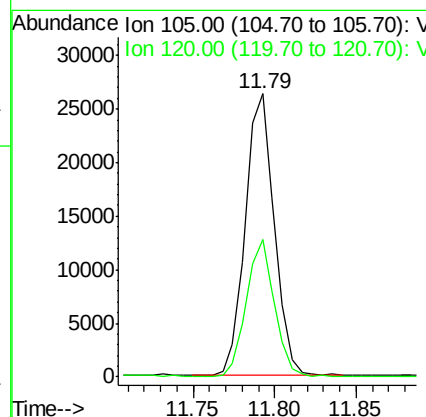
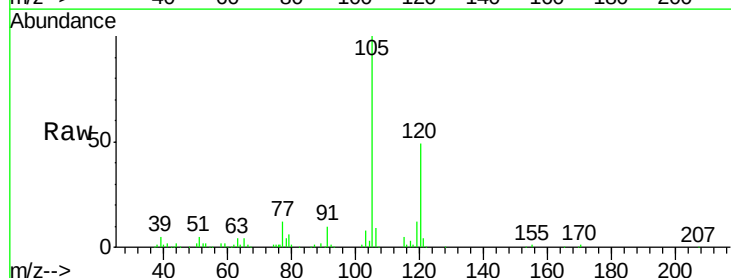
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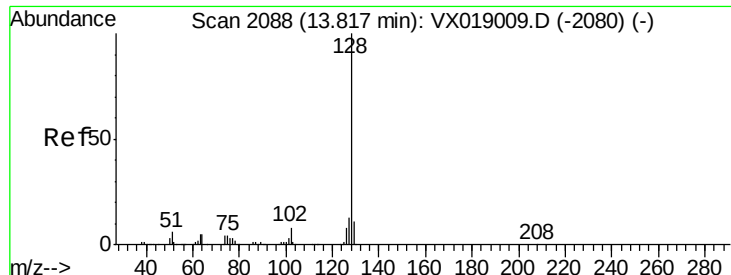
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#84
 1,2,4-Trimethylbenzene
 Concen: 2.039 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019057.D
 Acq: 23 Oct 2020 03:34

Tgt Ion:105 Resp: 32516
 Ion Ratio Lower Upper
 105 100
 120 48.0 22.9 68.8





#95
Naphthalene
Concen: 1.893 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019057.D
Acq: 23 Oct 2020 03:34

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	12.3	8.7	13.1

Manual Integrations
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