

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019039.D
 Acq On : 22 Oct 2020 19:44
 Operator : JC/SP
 Sample : L4417-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Manual Integrations
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MMDadoda
 10/23/2020 12:04:51 PM

Quant Time: Oct 23 09:46:46 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	5.64	168	285953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497027	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	494654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	268007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	172122	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
35) Dibromofluoromethane	5.46	113	153110	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.70	98	638321	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.12	95	248675	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.44%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.01	59	1231332	1774.955	ug/l	100
16) Acetone	2.42	43	21705m	18.604	ug/l	
19) Methyl tert-butyl Ether	3.17	73	792024	89.836	ug/l #	66
25) 2-Butanone	4.64	43	6836	3.708	ug/l	96
31) Cyclohexane	5.55	56	298444	74.404	ug/l	97
39) Methylcyclohexane	7.44	83	186728	37.371	ug/l	96
40) Benzene	6.12	78	10498707	799.312	ug/l	98
52) Toluene	8.77	92	624605	71.998	ug/l	98
67) Ethyl Benzene	10.24	91	12922782	722.540	ug/l #	73
68) m/p-Xylenes	10.34	106	246304	35.951	ug/l	100
69) o-Xylene	10.68	106	9670	1.475	ug/l	92
73) Isopropylbenzene	11.01	105	4090366	212.158	ug/l	98
78) n-propylbenzene	11.35	91	5307978	242.967	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	174062	10.933	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	27788	1.743	ug/l	96
85) sec-Butylbenzene	11.93	105	170202	8.968	ug/l	99
89) n-Butylbenzene	12.37	91	212081	13.361	ug/l #	77
95) Naphthalene	13.82	128	4438953	231.558	ug/l	99

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

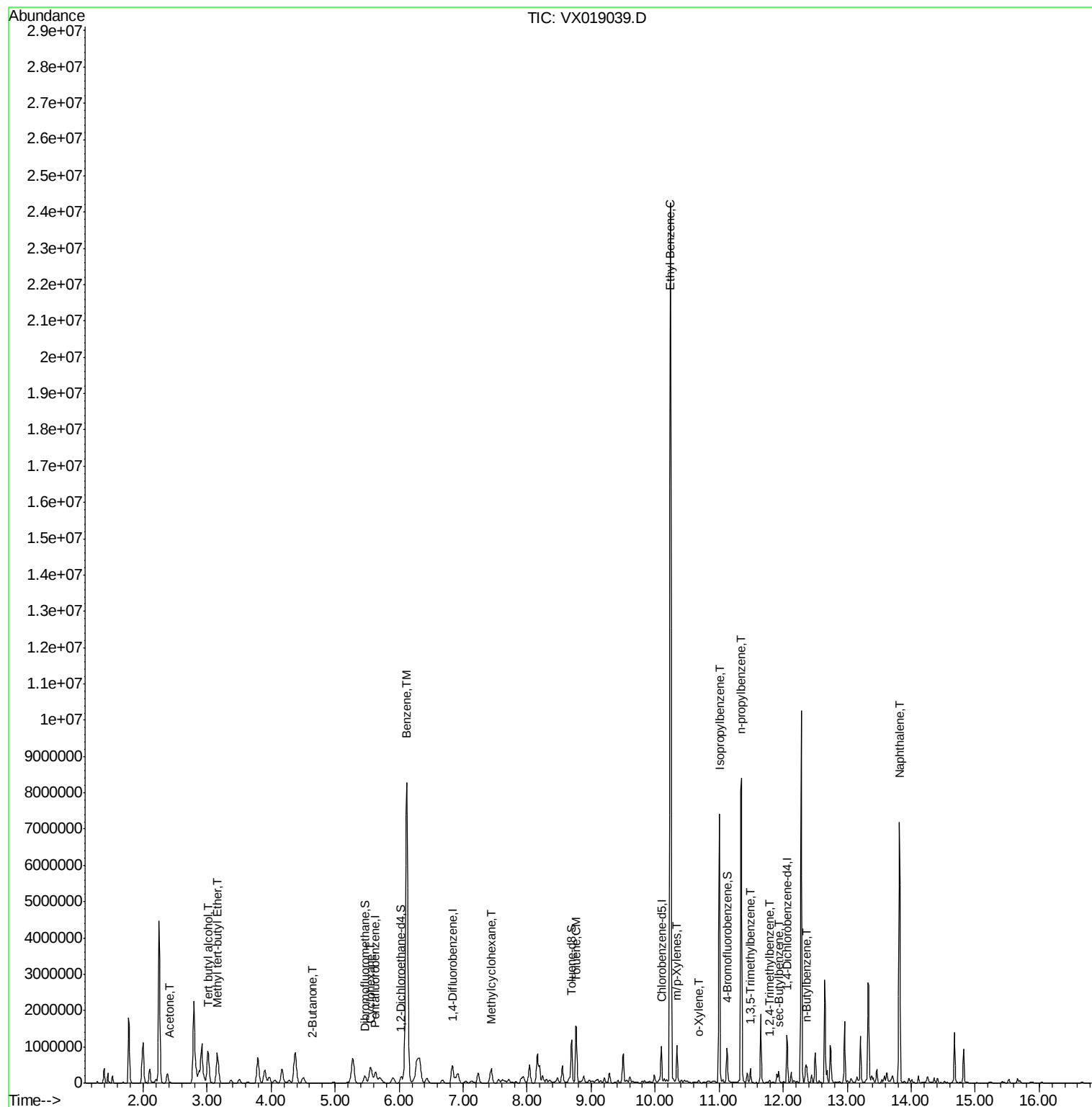
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
Data File : VX019039.D
Acq On : 22 Oct 2020 19:44
Operator : JC/SP
Sample : L4417-16
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ALS Vial : 27 Sample Multiplier: 1

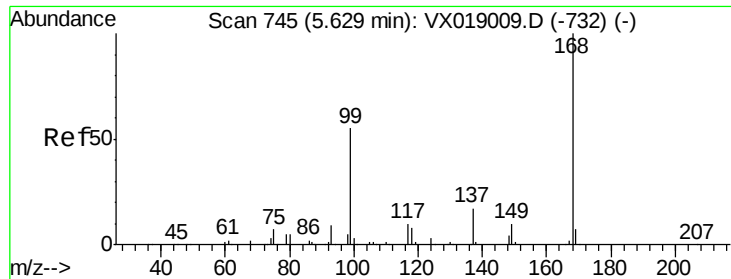
Instrument :
MSVOA_X
ClientSampleId :
MW-5

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Quant Time: Oct 23 09:46:46 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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

ClientSampled :

MW-5

Tot Ion:168 Resp: 285953

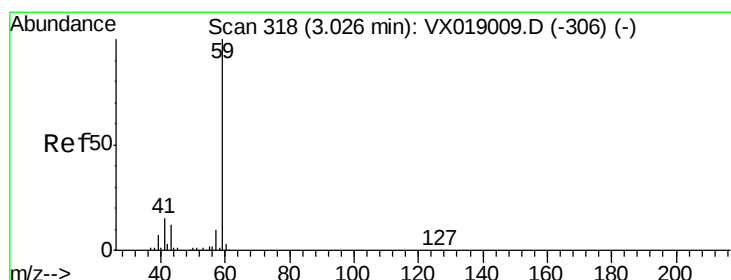
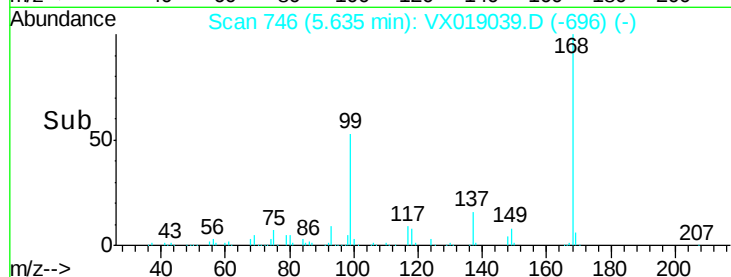
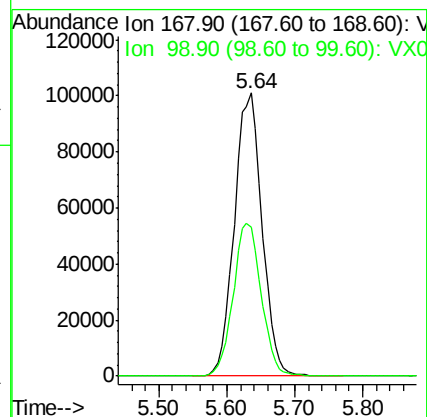
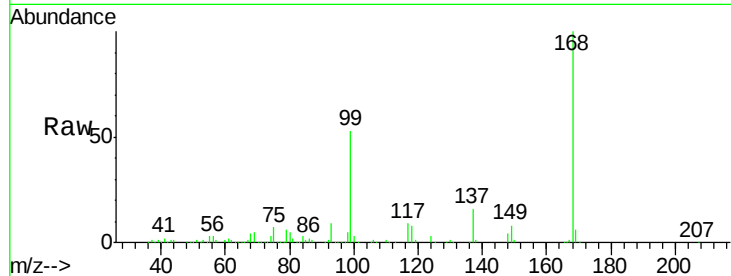
Ion Ratio Lower Upper

168 100

99 52.7 44.2 66.2

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#11

Tert butyl alcohol

Concen: 1774.955 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX019039.D

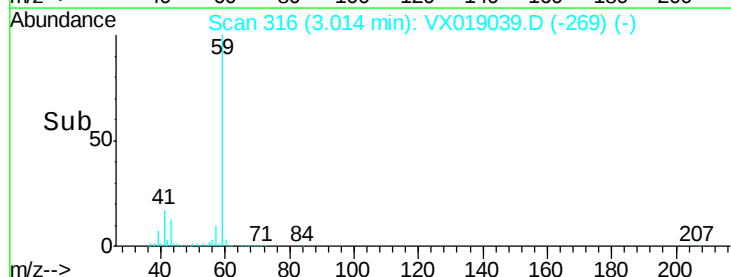
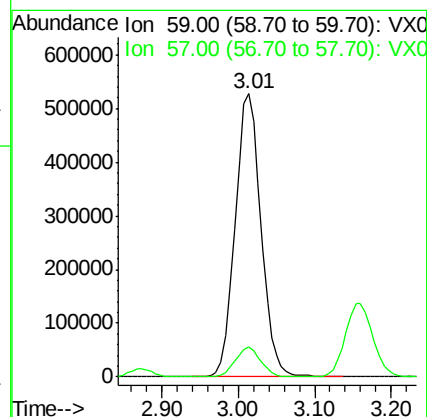
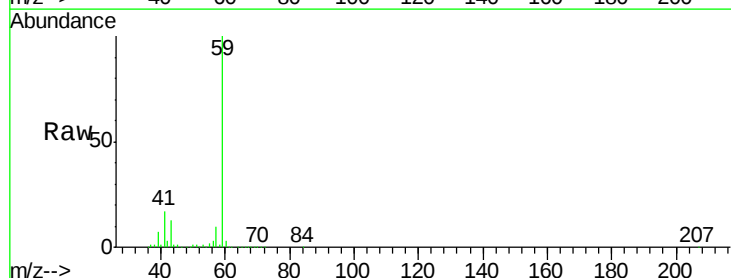
Acq: 22 Oct 2020 19:44

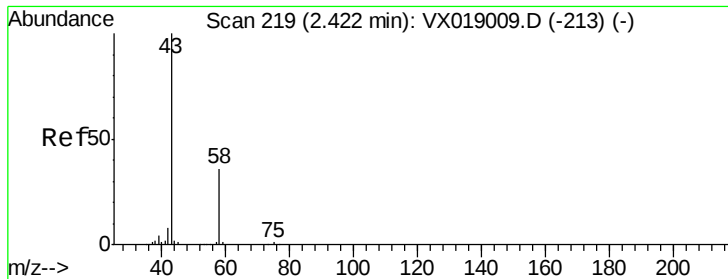
Tgt Ion: 59 Resp: 1231332

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2





#16

Acetone

Concen: 18.604 ug/l m

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Tot Ion: 43 Resp: 21705

Ion Ratio Lower Upper

43 100

58 34.5 28.6 42.8

Instrument :

MSVOA_X

ClientSampled :

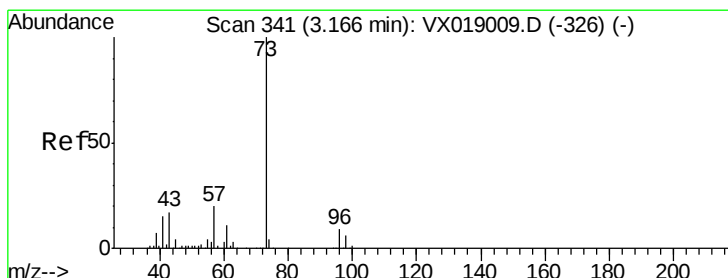
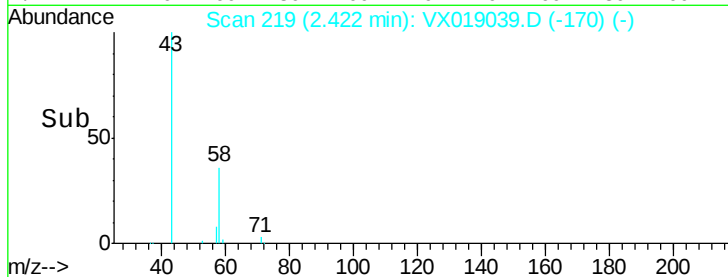
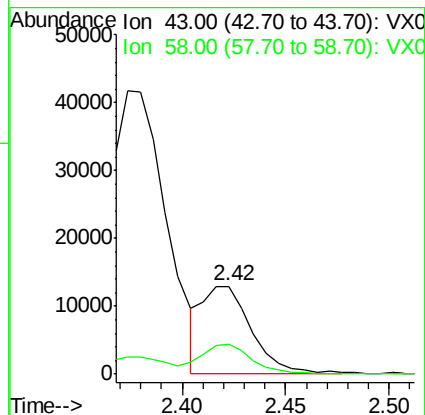
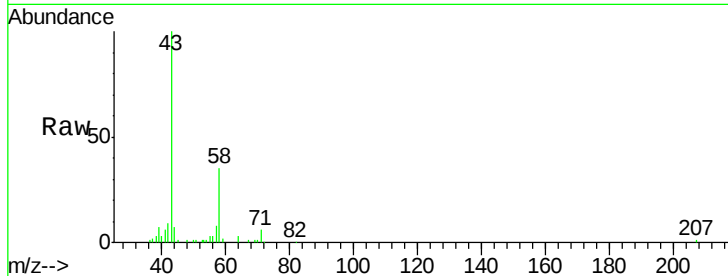
MW-5

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#19

Methyl tert-butyl Ether

Concen: 89.836 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019039.D

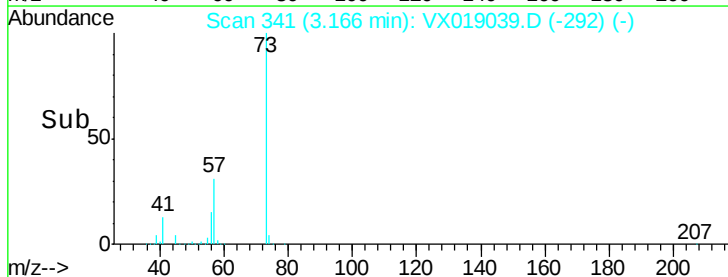
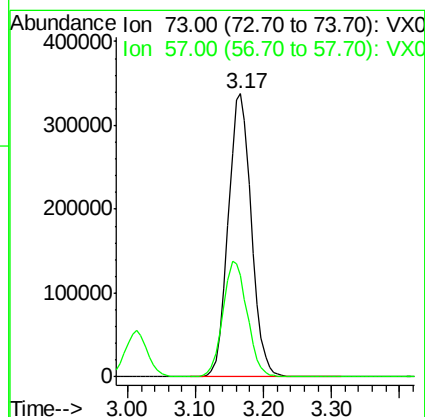
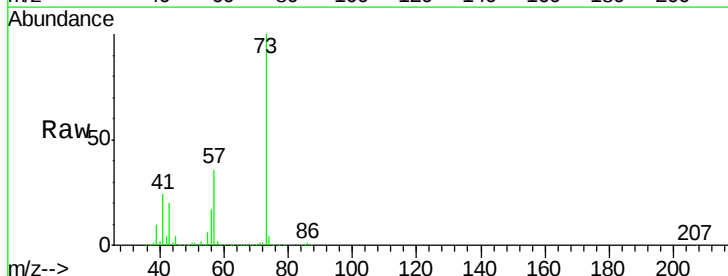
Acq: 22 Oct 2020 19:44

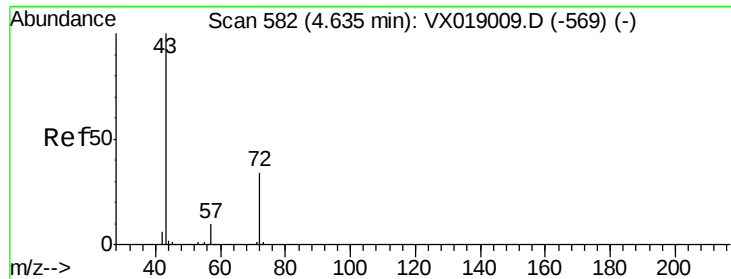
Tgt Ion: 73 Resp: 792024

Ion Ratio Lower Upper

73 100

57 35.8 16.2 24.2#





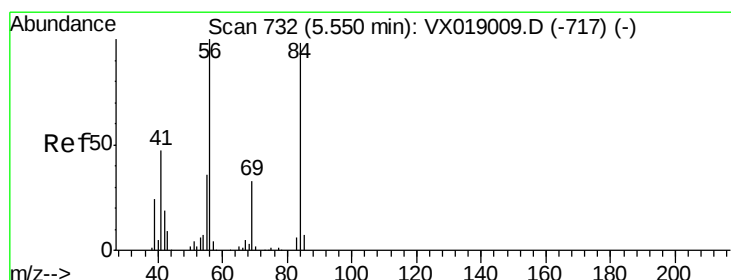
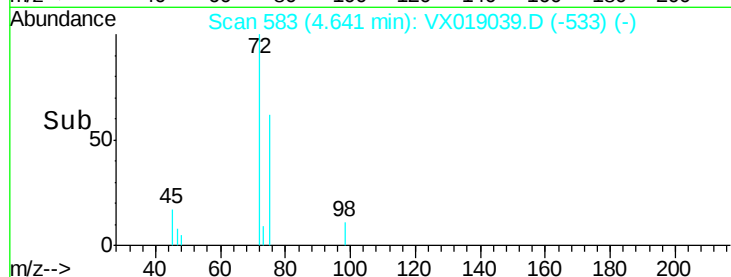
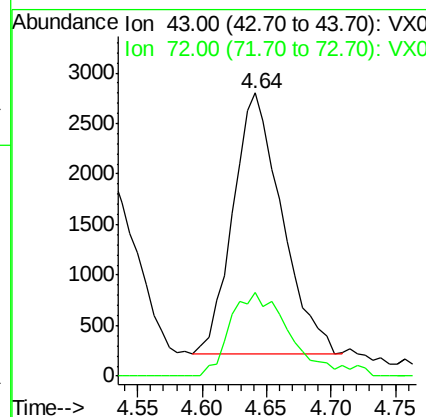
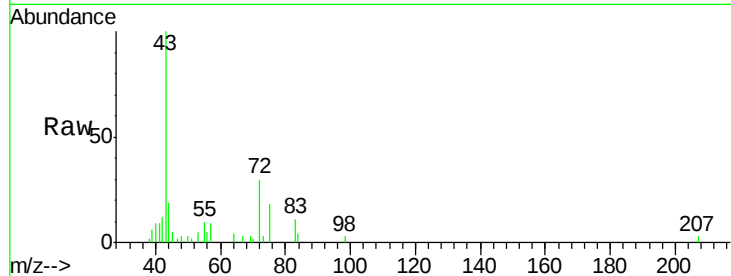
#25
2-Butanone
Concen: 3.708 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion: 43 Resp: 6836
Ion Ratio Lower Upper
43 100
72 32.1 27.8 41.6

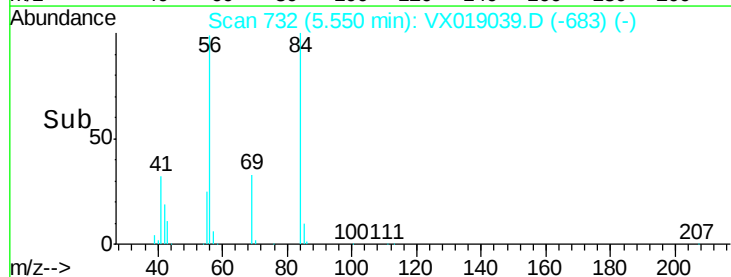
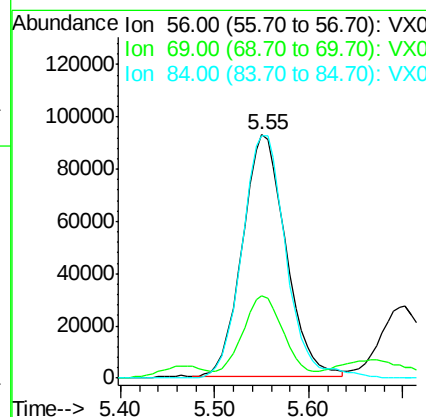
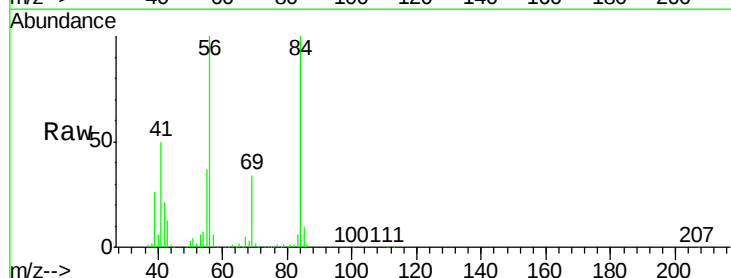
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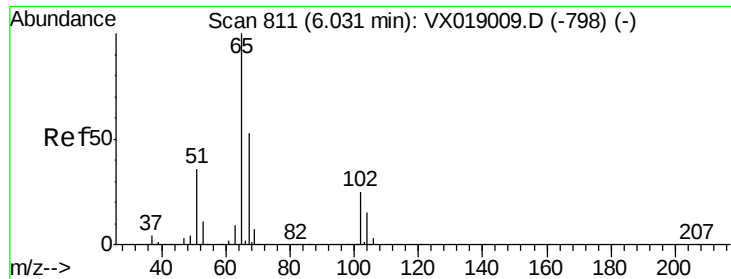
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#31
Cyclohexane
Concen: 74.404 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Tgt Ion: 56 Resp: 298444
Ion Ratio Lower Upper
56 100
69 29.1 26.2 39.2
84 100.3 78.3 117.5





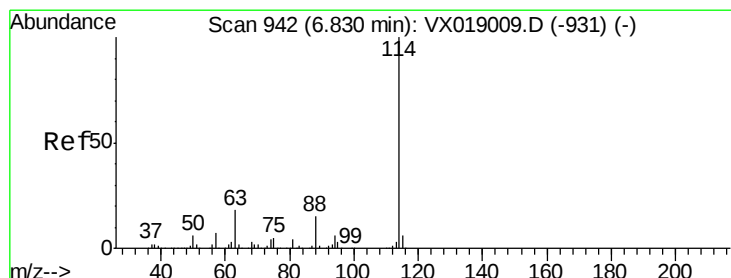
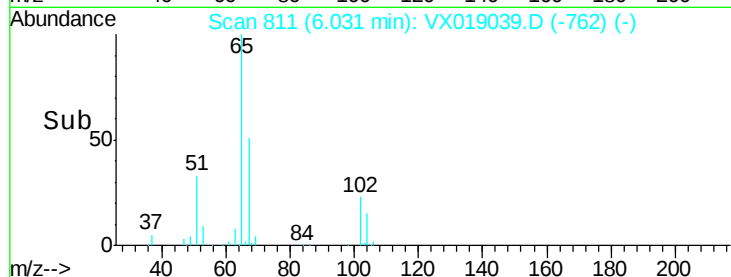
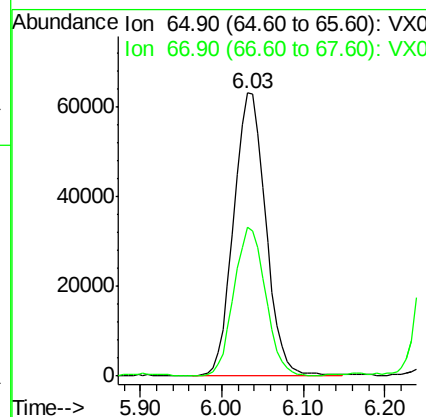
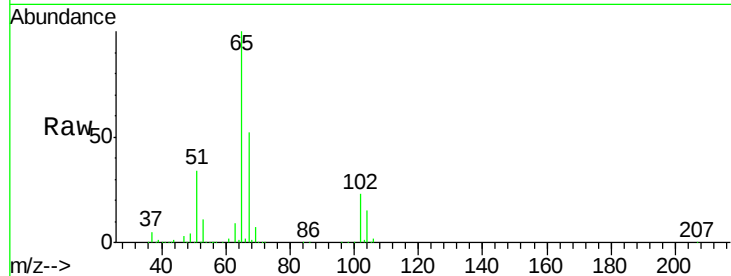
#33
 1,2-Dichloroethane-d4
 Concen: 50.251 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019039.D
 Acq: 22 Oct 2020 19:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	172122		
67	51.3	0.0	107.0	

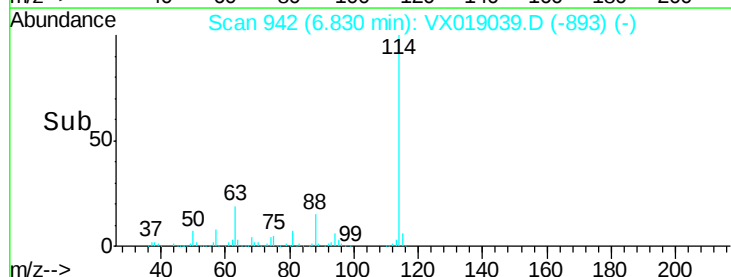
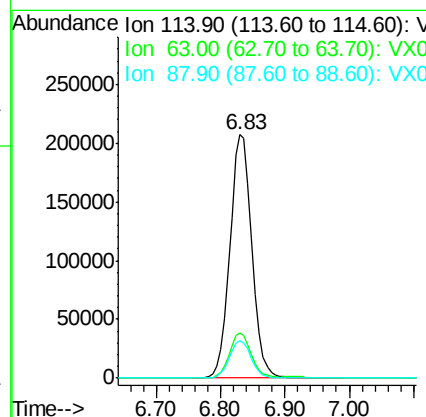
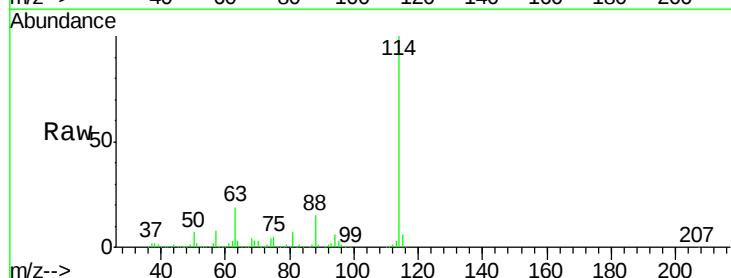
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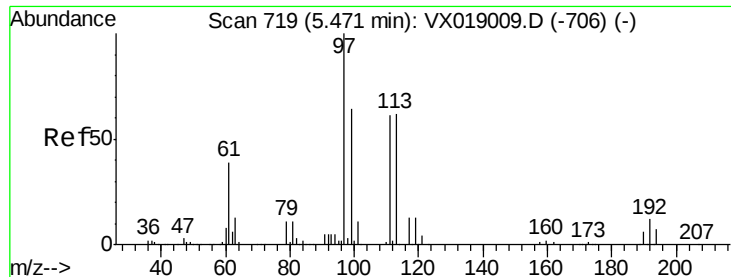
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019039.D
 Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	497027		
63	18.5	0.0	36.8	
88	15.5	0.0	30.2	





#35

Dibromofluoromethane

Concen: 48.655 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

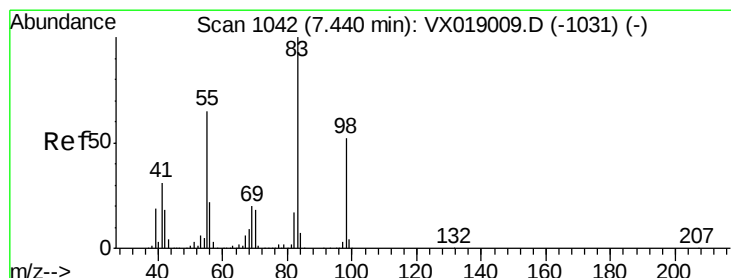
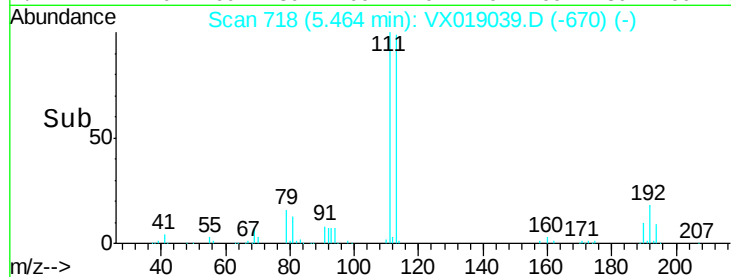
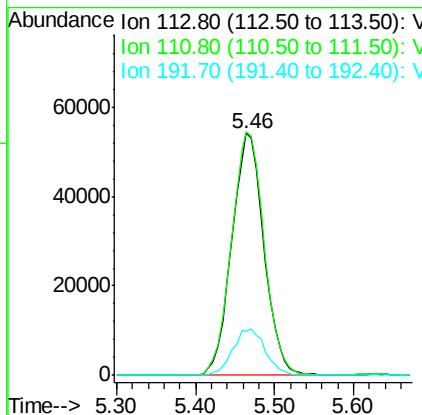
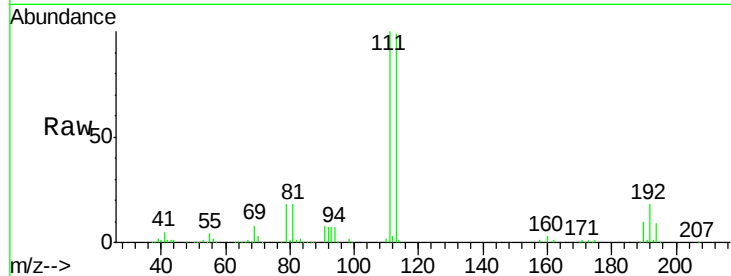
ClientSampled :

MW-5

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.4	81.5	122.3	
192	19.5	16.3	24.5	

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#39

Methylcyclohexane

Concen: 37.371 ug/l

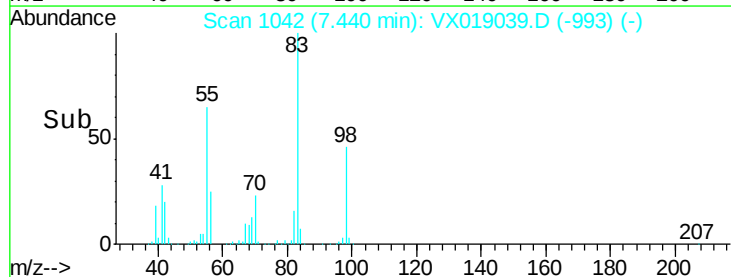
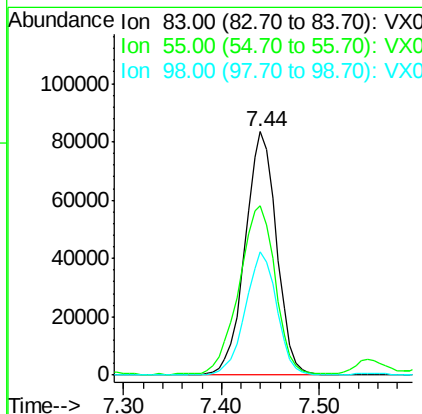
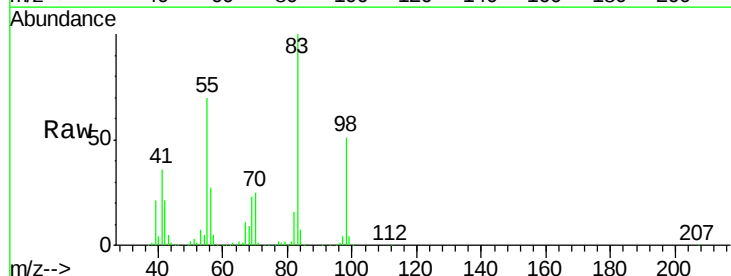
RT: 7.44 min Scan# 1042

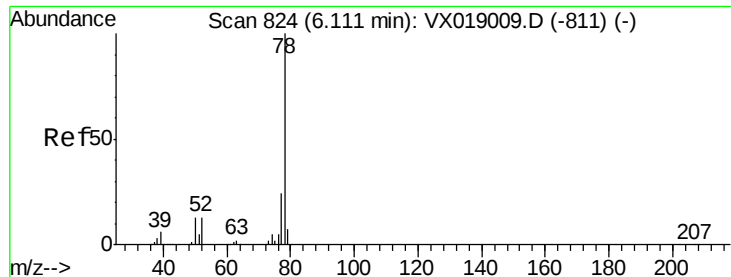
Delta R.T. 0.00 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	69.1	51.8	77.6	
98	50.6	41.4	62.2	





#40

Benzene

Concen: 799.312 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

ClientSampleId :

MW-5

Tot Ion: 78 Resp:10498707

Ion Ratio Lower Upper

78 100

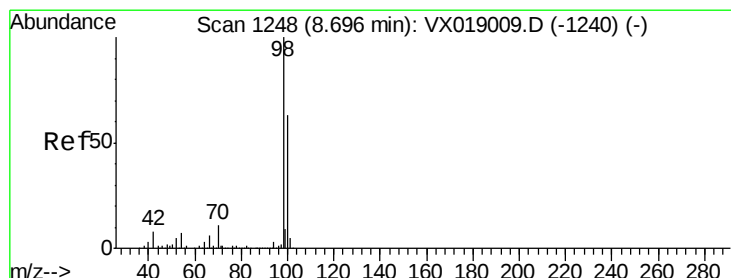
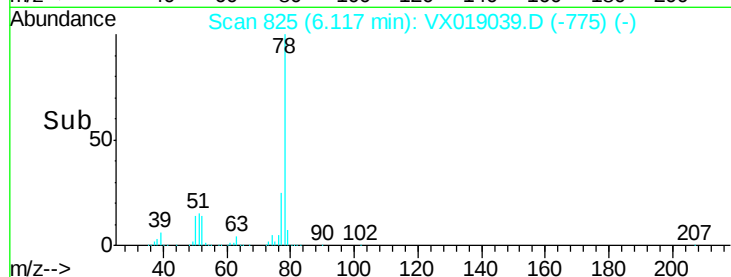
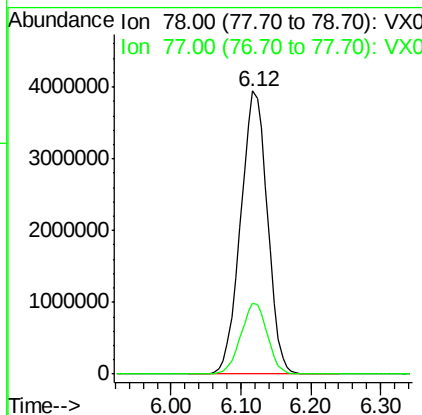
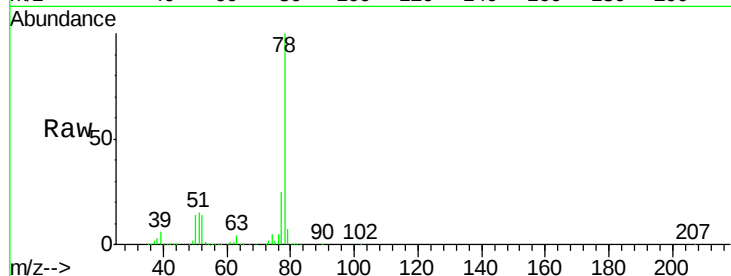
77 25.1 19.3 28.9

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#50

Toluene-d8

Concen: 53.156 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019039.D

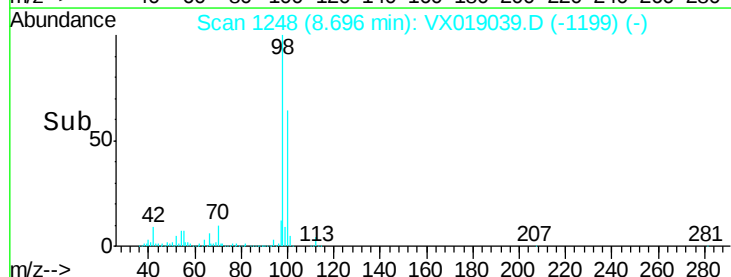
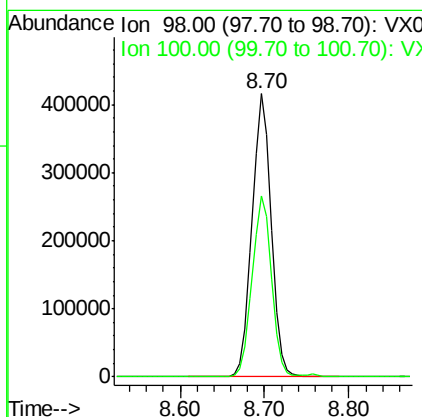
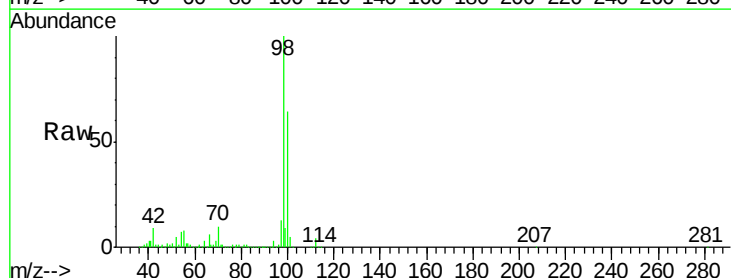
Acq: 22 Oct 2020 19:44

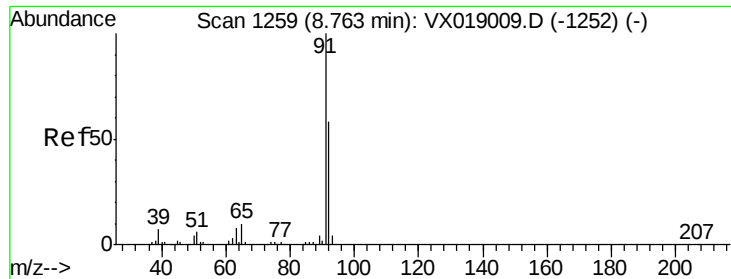
Tgt Ion: 98 Resp: 638321

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1





#52

Toluene

Concen: 71.998 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

ClientSampled :

MW-5

Tot Ion: 92 Resp: 624605

Ion Ratio Lower Upper

92 100

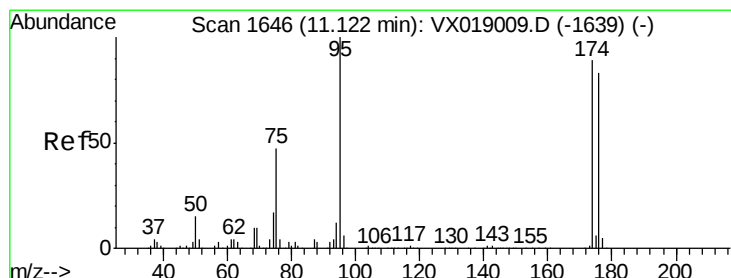
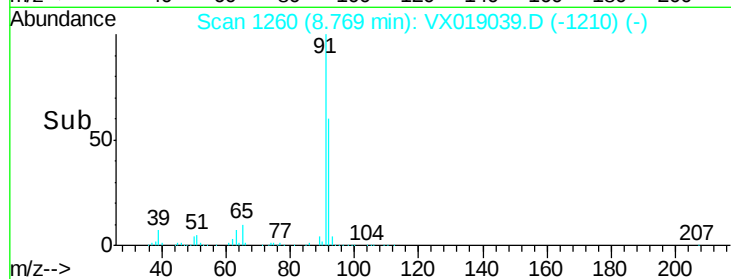
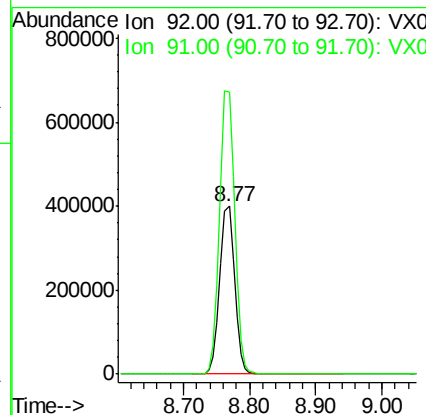
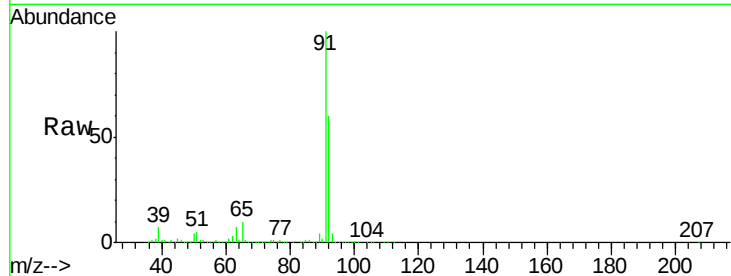
91 170.8 138.6 208.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 58.218 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

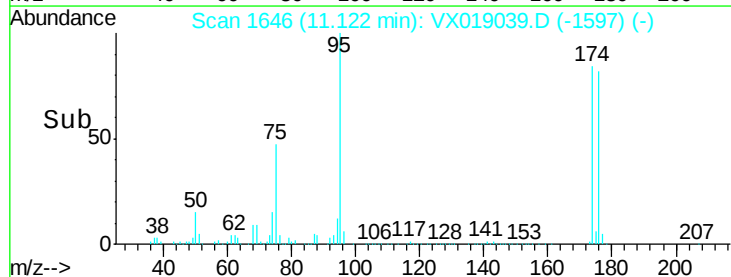
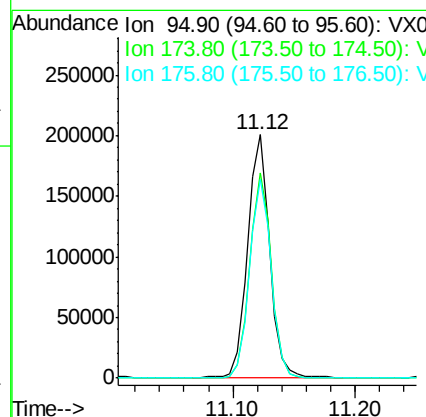
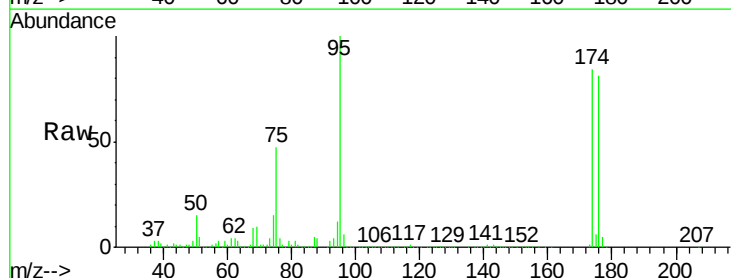
Tgt Ion: 95 Resp: 248675

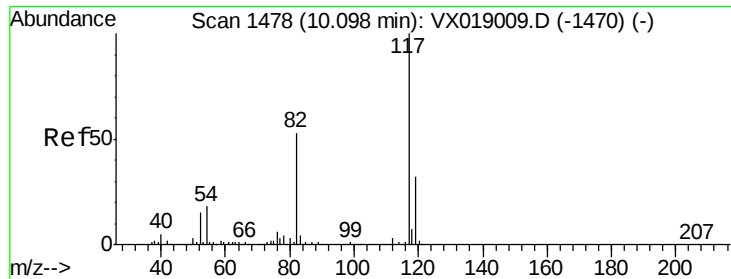
Ion Ratio Lower Upper

95 100

174 82.7 0.0 167.6

176 80.6 0.0 165.2





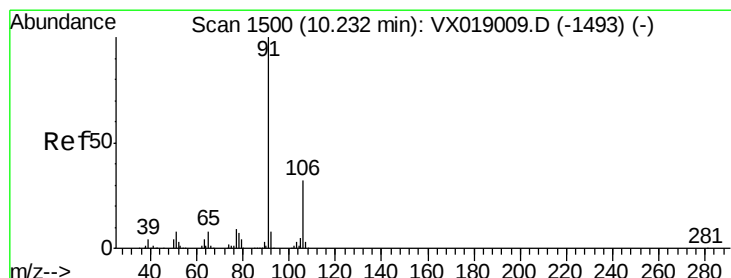
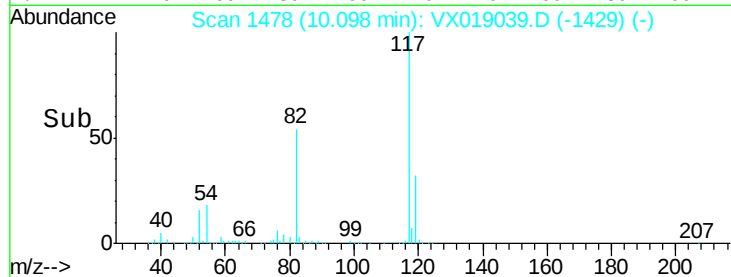
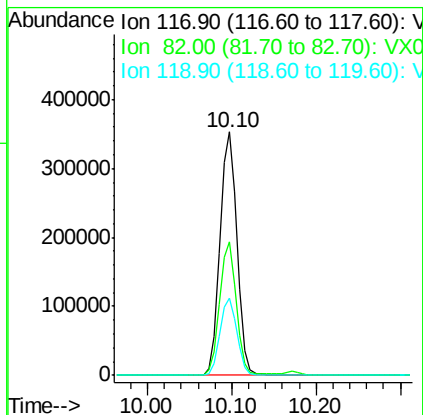
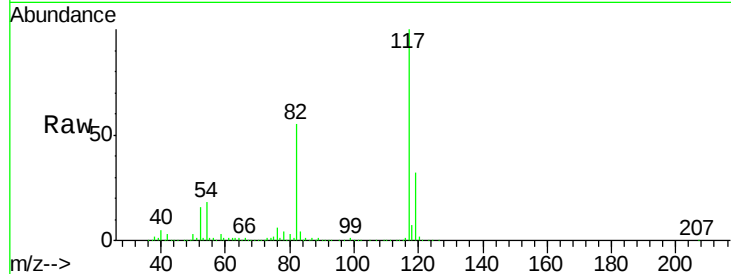
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.4	63.6
119	31.8	25.6	38.4

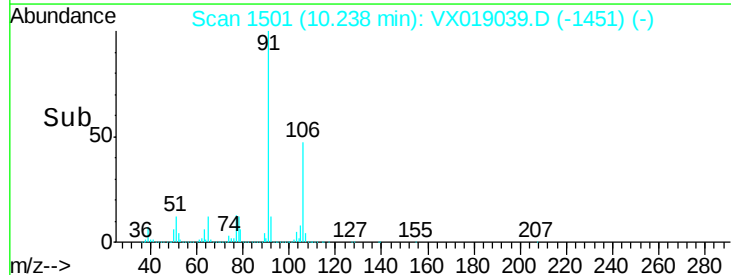
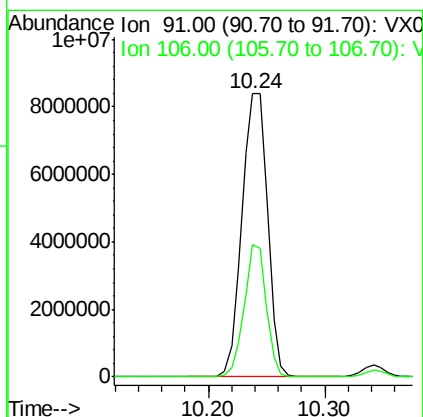
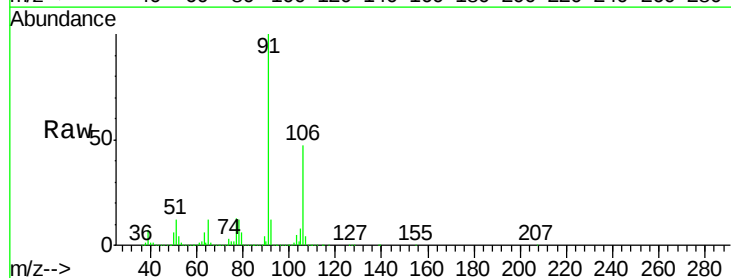
Manual Integrations
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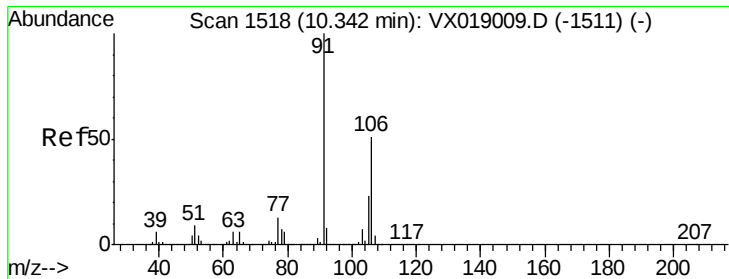
MMDadoda
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#67
Ethyl Benzene
Concen: 722.540 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	46.7	25.3	37.9





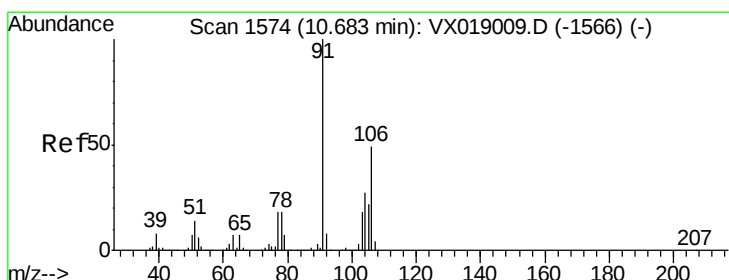
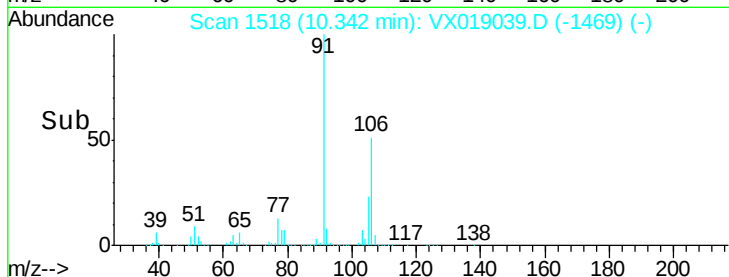
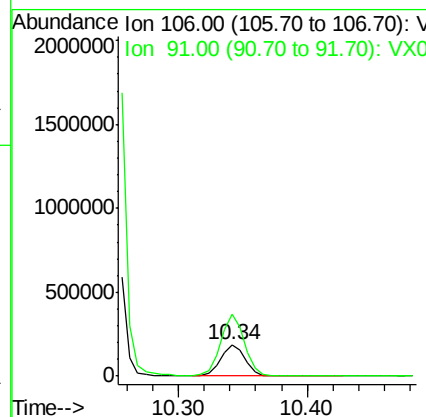
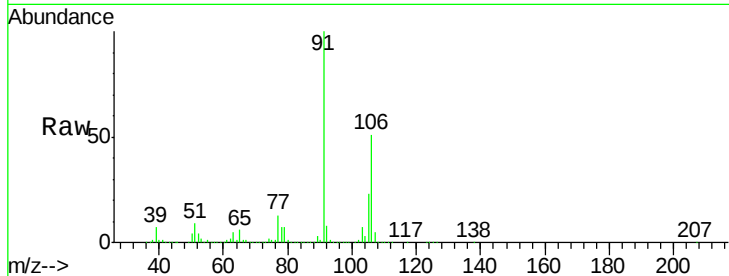
#68
m/p-Xylenes
Concen: 35.951 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
106	100		
91	195.6	156.9	235.3

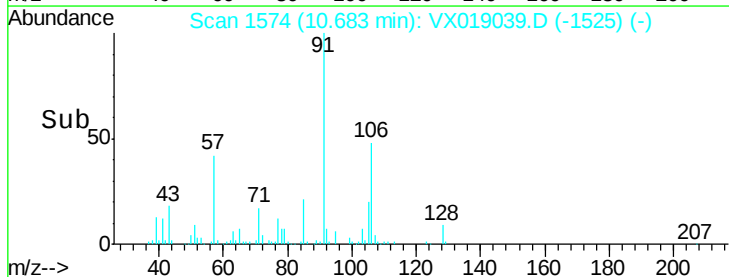
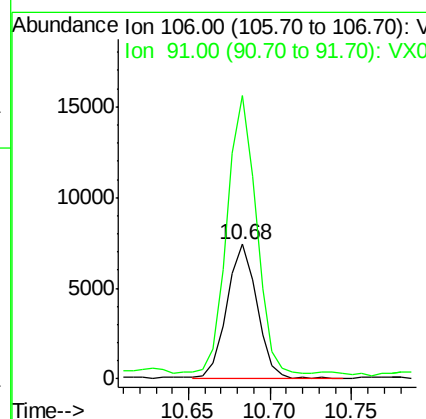
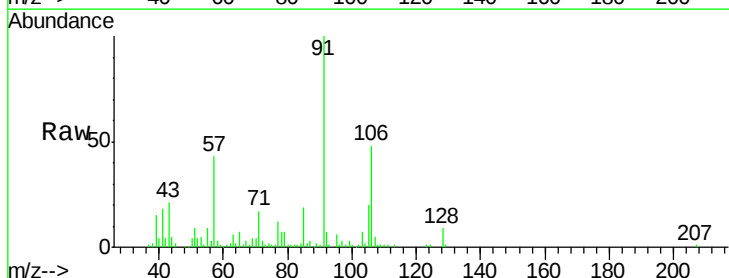
Manual Integrations
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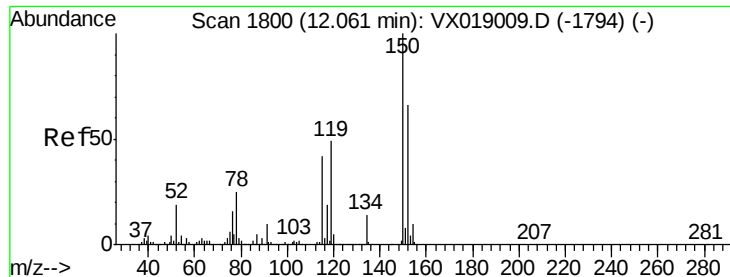
MMDadoda
10/23/2020 12:04:51 PM



#69
o-Xylene
Concen: 1.475 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.8	104.0	312.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

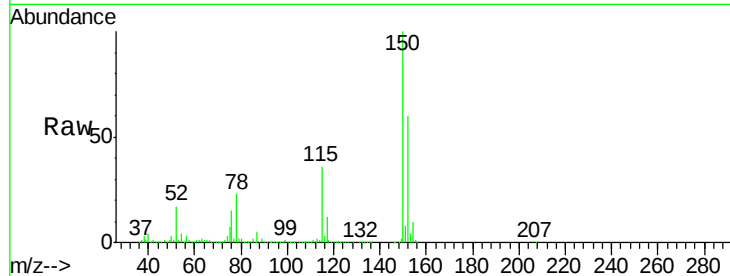
ClientSampled :

MW-5

Tot Ion	Ratio	Resp	Lower	Upper
152	100	268007		
115	58.4	40.8	122.5	
150	160.8	0.0	345.6	

Manual Integrations
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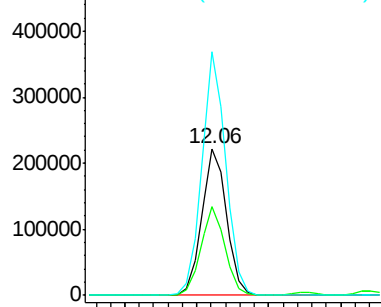


Abundance

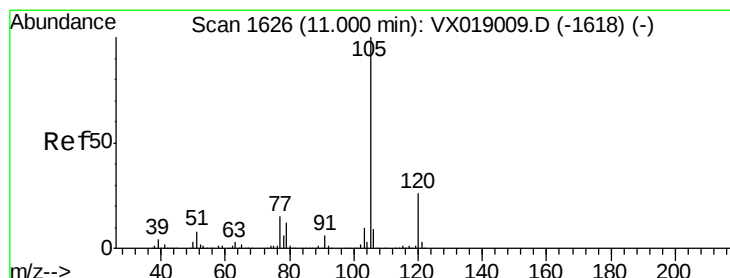
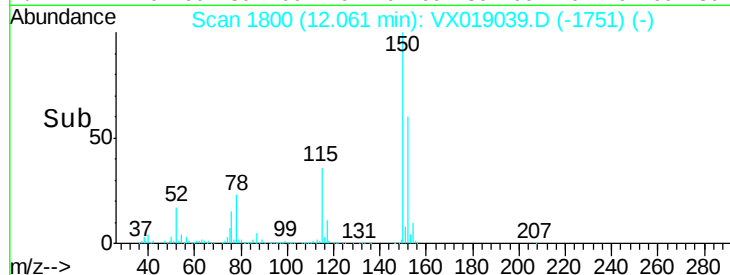
Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#73

Isopropylbenzene

Concen: 212.158 ug/l

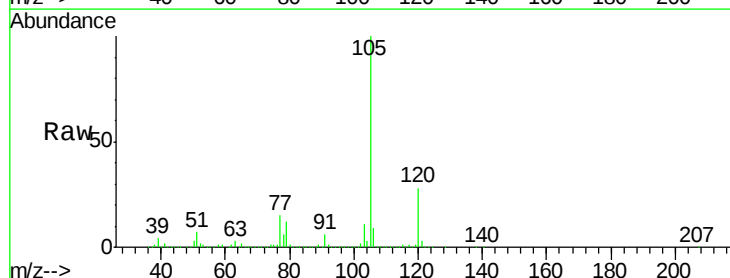
RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

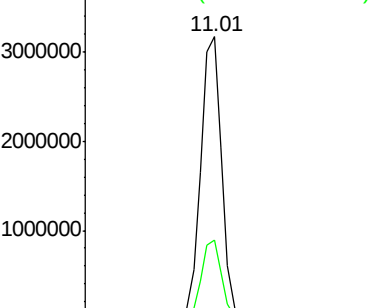
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	4090366		
120	27.8	13.4	40.1	



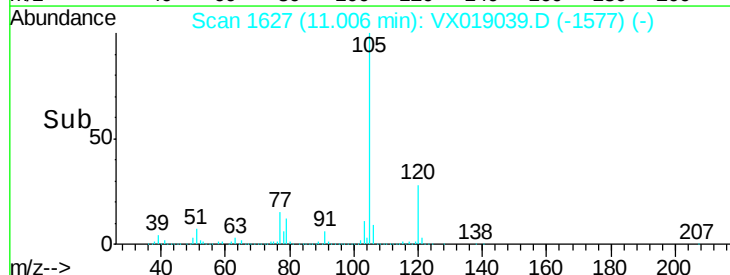
Abundance

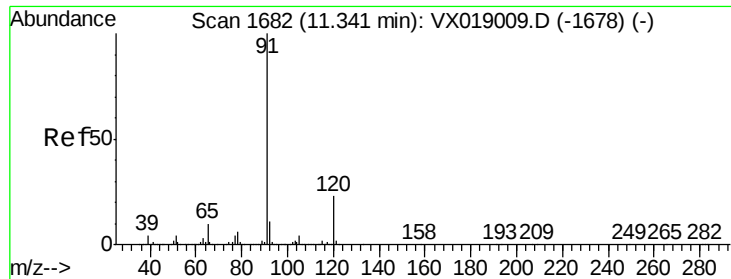
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#78

n-propylbenzene

Concen: 242.967 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019039.D

Acq: 22 Oct 2020 19:44

Instrument :

MSVOA_X

ClientSampled :

MW-5

Tot Ion: 91 Resp: 5307978

Ion Ratio Lower Upper

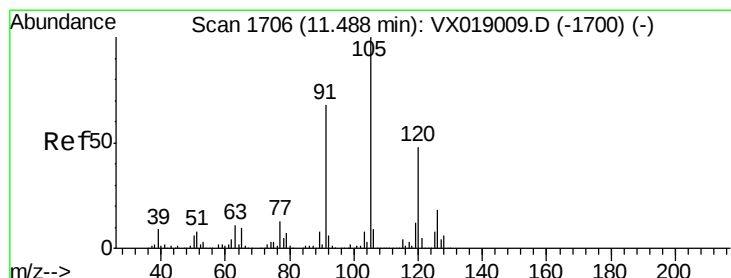
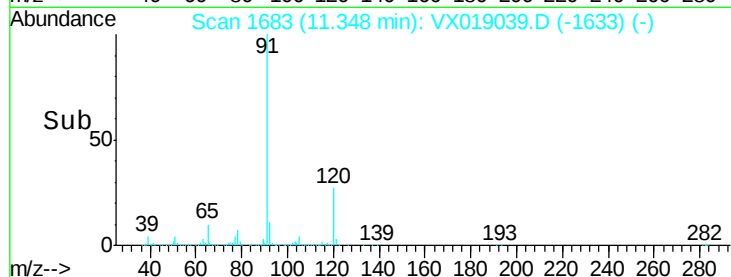
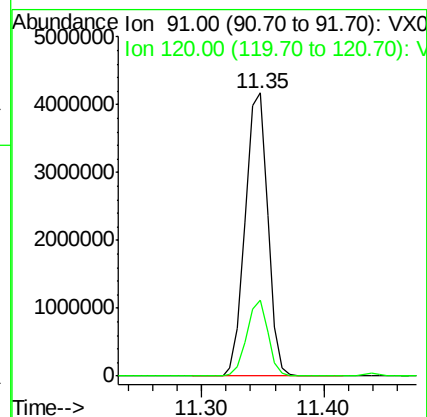
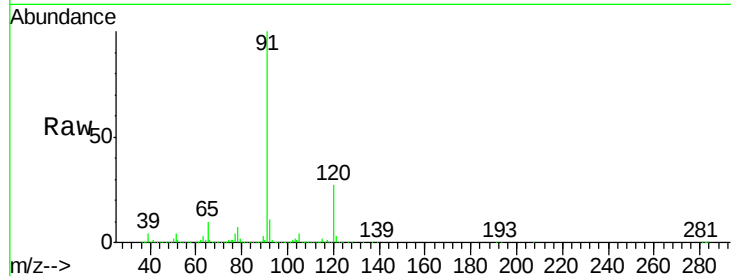
91 100

120 25.3 12.1 36.3

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 10.933 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019039.D

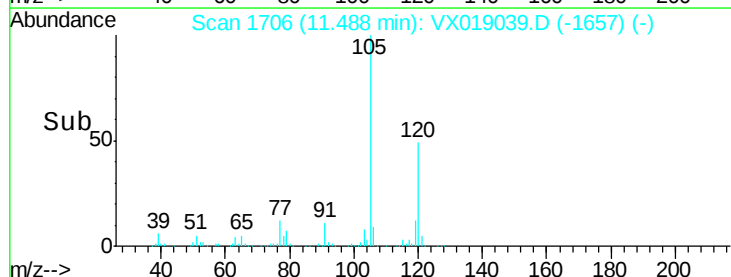
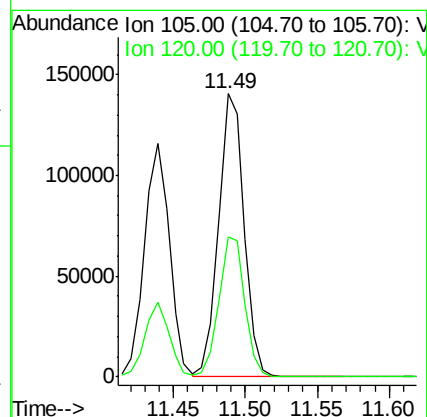
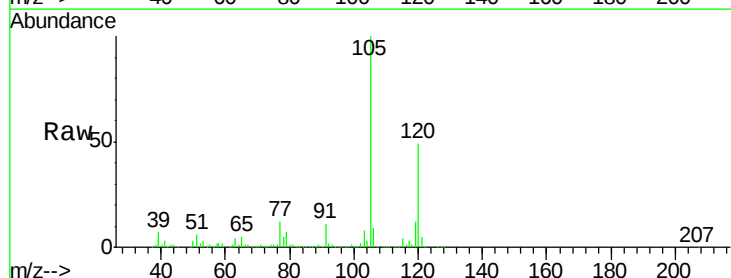
Acq: 22 Oct 2020 19:44

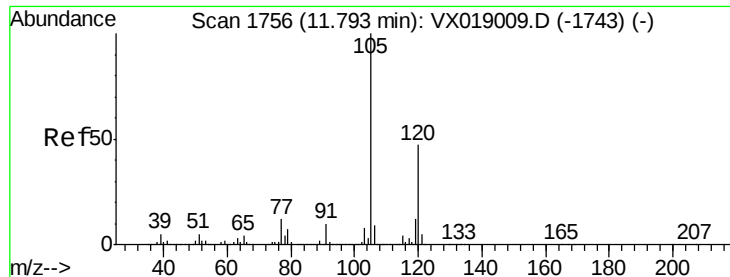
Tgt Ion: 105 Resp: 174062

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





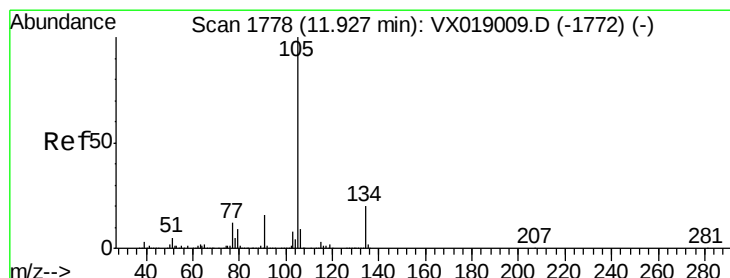
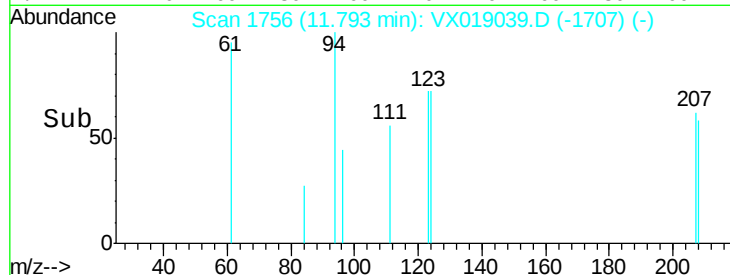
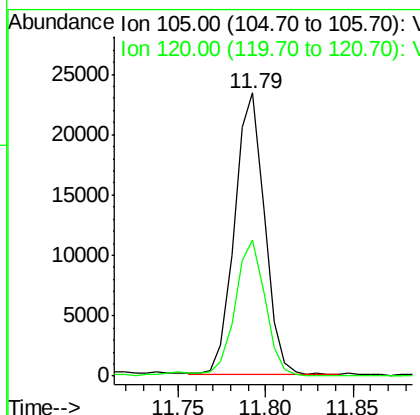
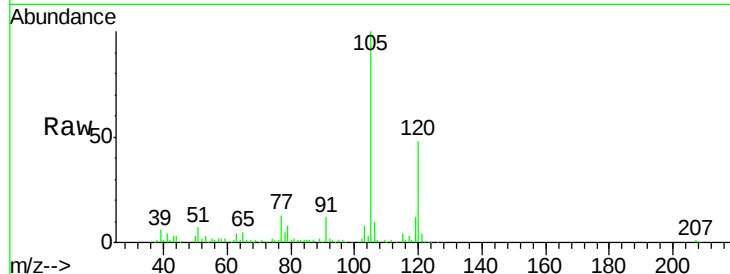
#84
 1,2,4-Trimethylbenzene
 Concen: 1.743 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019039.D
 Acq: 22 Oct 2020 19:44

Instrument :
 MSVOA_X
 ClientSampled :
 MW-5

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	22.9	68.8

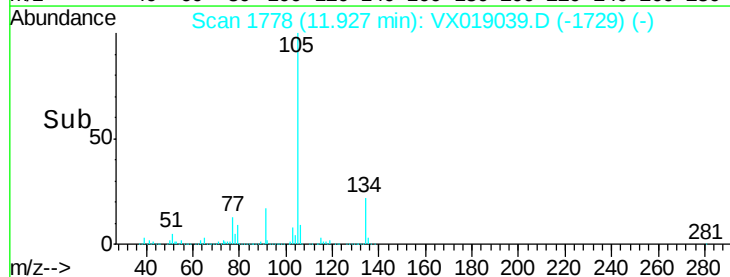
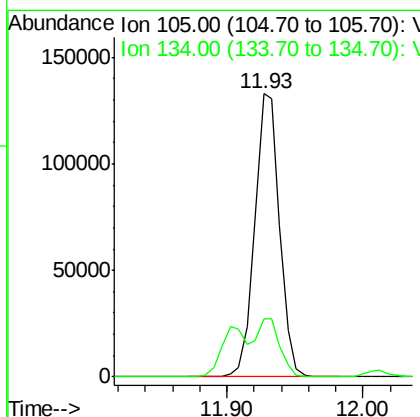
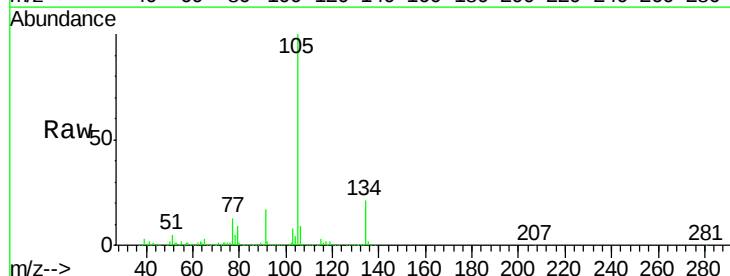
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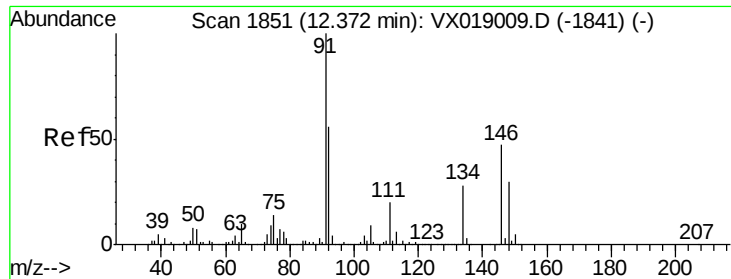
MMDadoda
 10/23/2020 12:04:51 PM



#85
 sec-Butylbenzene
 Concen: 8.968 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019039.D
 Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.4	31.1





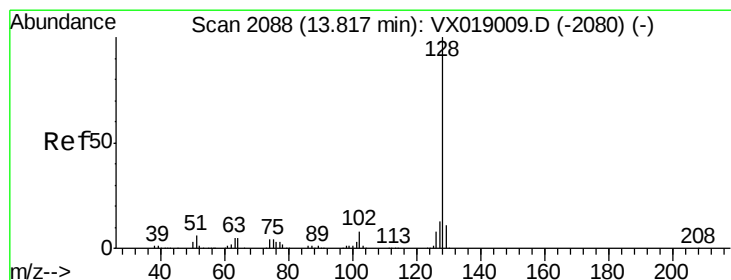
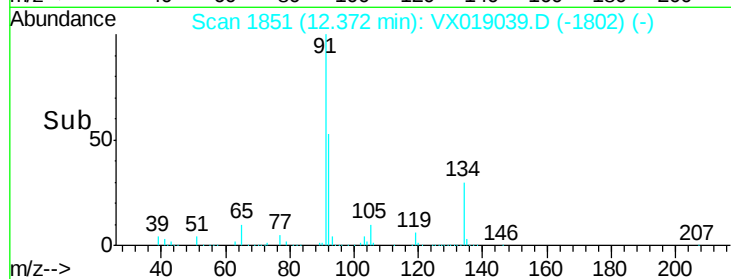
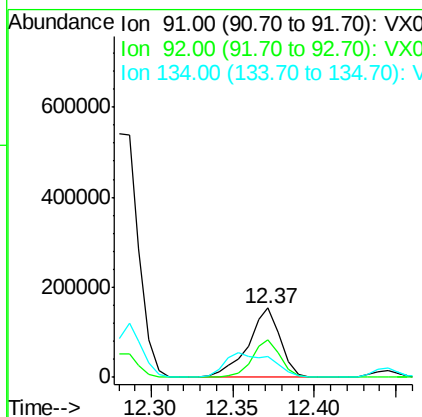
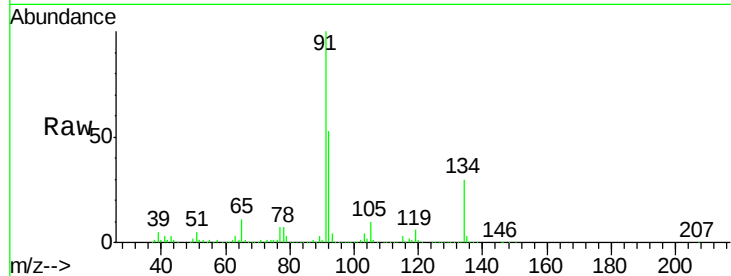
#89
n-Butylbenzene
Concen: 13.361 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Instrument :
MSVOA_X
ClientSampled :
MW-5

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.3	27.3	81.9
134	51.7	13.6	40.7

Manual Integrations
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10/23/2020 12:04:51 PM



#95
Naphthalene
Concen: 231.558 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019039.D
Acq: 22 Oct 2020 19:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.4	8.7	13.1

