

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060222\
 Data File : VW023379.D
 Acq On : 02 Jun 2022 17:04
 Operator : SY/VA
 Sample : N3171-06
 Misc : 9.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBTZ1

Quant Time: Jun 02 21:59:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 02 21:56:41 2022
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)

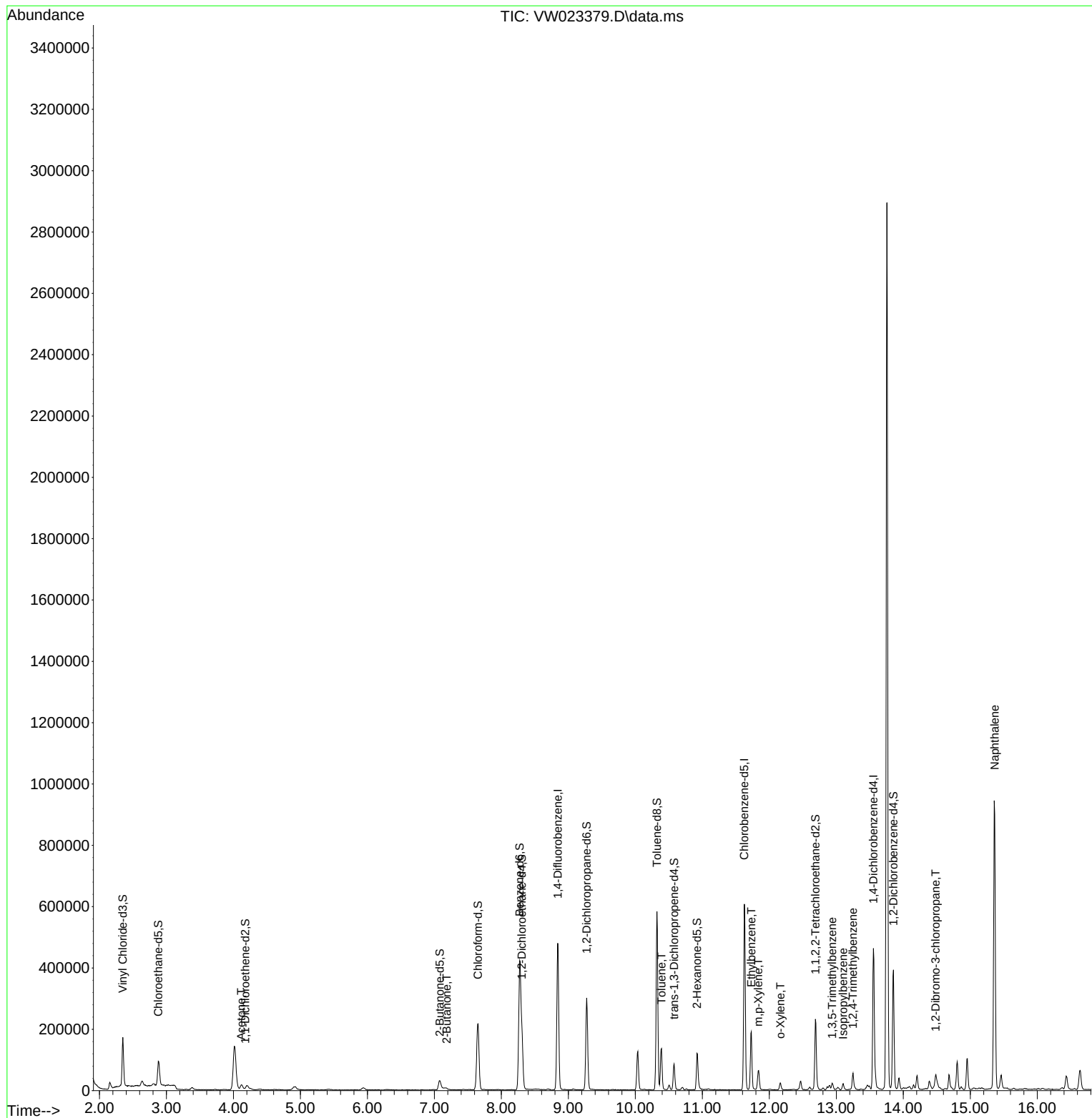
Internal Standards							
1) 1,4-Difluorobenzene		8.841	114	393964	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.628	117	324056	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	113476	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.349	65	150228	25.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.160%		
7) Chloroethane-d5		2.879	69	94661	23.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 93.480%		
11) 1,1-Dichloroethene-d2		4.178	63	189	0.021	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	= 0.080%#		
21) 2-Butanone-d5		7.080	46	48868	40.752	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.500%		
24) Chloroform-d		7.653	84	218851	21.096	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 84.400%		
26) 1,2-Dichloroethane-d4		8.305	65	130340	23.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.960%		
32) Benzene-d6		8.275	84	431207	24.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 99.080%		
36) 1,2-Dichloropropane-d6		9.274	67	129702	26.037	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.160%		
41) Toluene-d8		10.323	98	380496	22.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 91.680%		
43) trans-1,3-Dichloroprop...		10.579	79	45145	20.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 81.200%		
47) 2-Hexanone-d5		10.920	63	40177	50.205	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.420%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	107458	24.458	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 97.840%		
66) 1,2-Dichlorobenzene-d4		13.853	152	96236	23.992	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 95.960%		
Target Compounds							
13) Acetone		4.117	43	26145	29.973	ug/L	99
22) 2-Butanone		7.183	43	8827	6.660	ug/L	78
42) Toluene		10.390	91	99597	4.830	ug/L	98
52) Ethylbenzene		11.731	91	129996	5.740	ug/L	97
53) m,p-Xylene		11.835	106	19676	2.194	ug/L	89
54) o-Xylene		12.164	106	5824	0.679	ug/L	84
60) Isopropylbenzene		13.103	105	10334	0.664	ug/L	93
62) 1,3,5-Trimethylbenzene		12.938	105	9564	0.750	ug/L	93
63) 1,2,4-Trimethylbenzene		13.249	105	27168	2.744	ug/L	100
68) 1,2-Dibromo-3-chloropr...		14.481	75	1669	3.674	ug/L #	1
71) Naphthalene		15.365	128	782946	112.013	ug/L	100

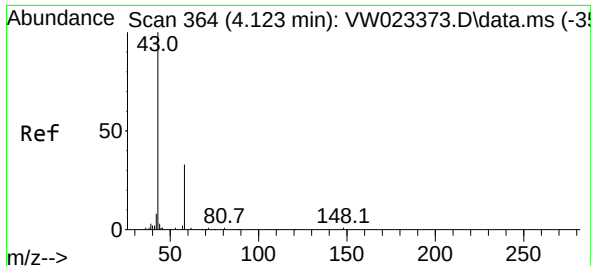
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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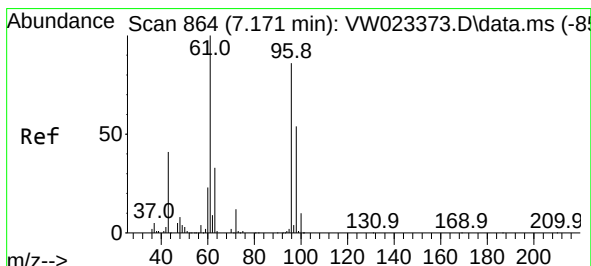
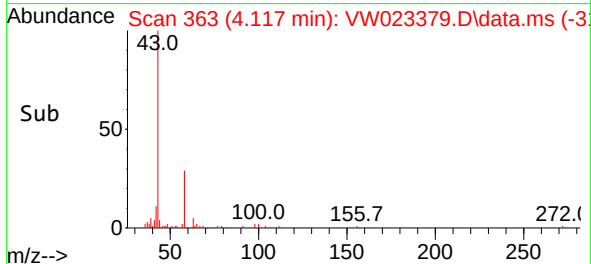
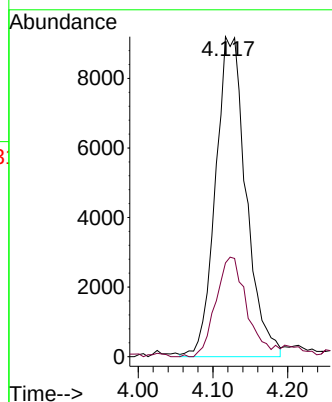
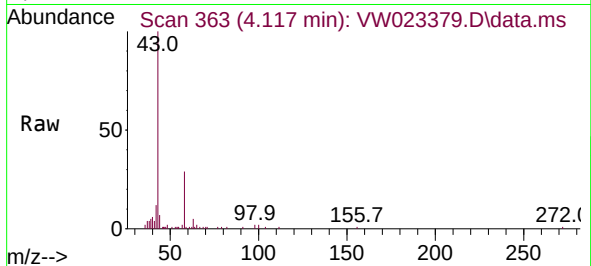




#13
Acetone
Concen: 29.973 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

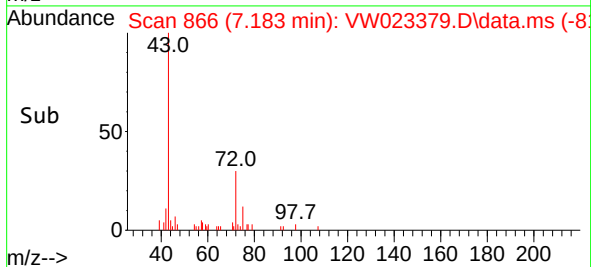
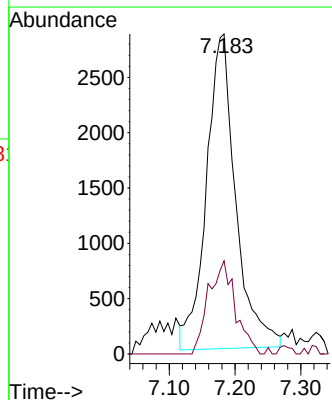
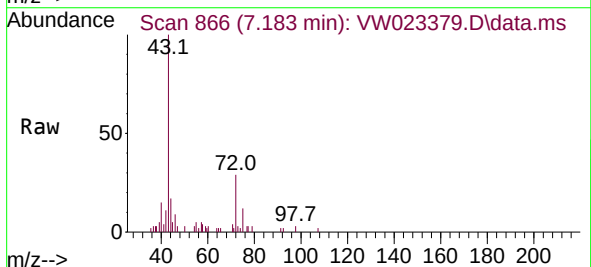
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1

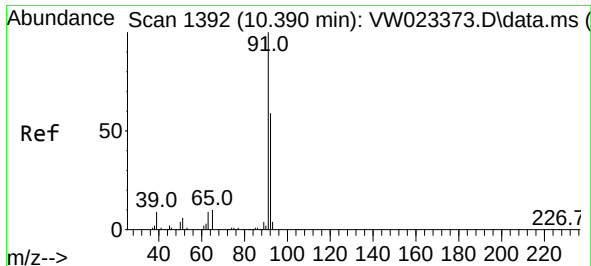
Tgt Ion: 43 Resp: 26145
Ion Ratio Lower Upper
43 100
58 31.1 0.0 63.0



#22
2-Butanone
Concen: 6.660 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
72 19.4 15.7 47.0

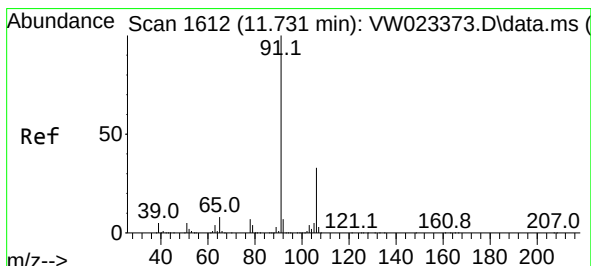
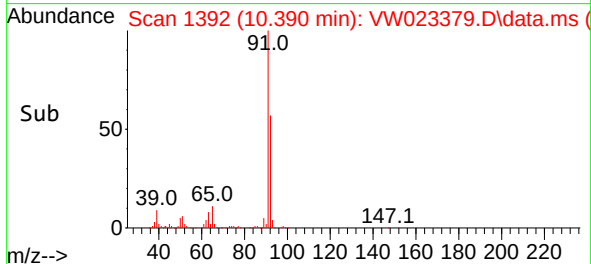
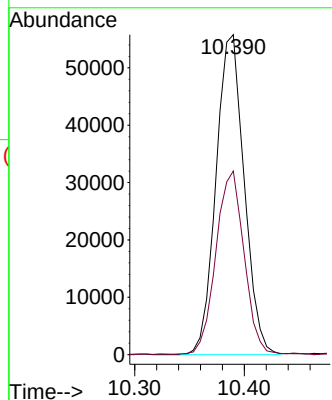
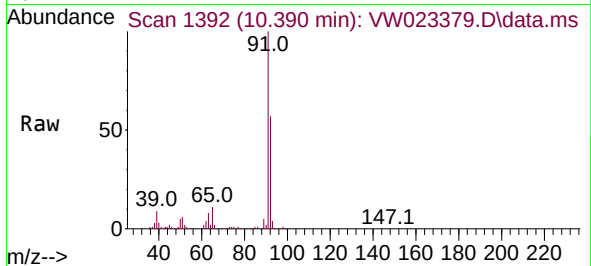




#42
Toluene
Concen: 4.830 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

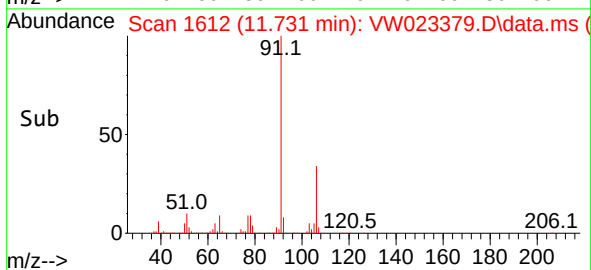
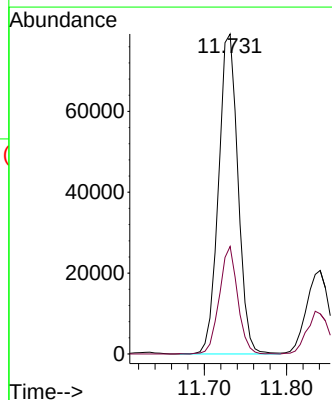
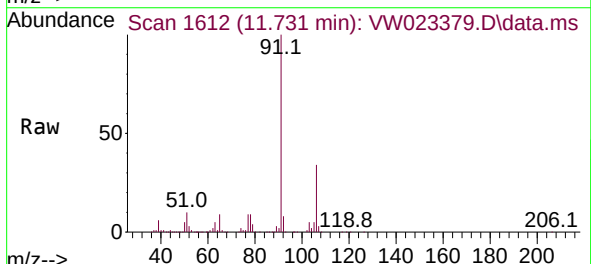
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1

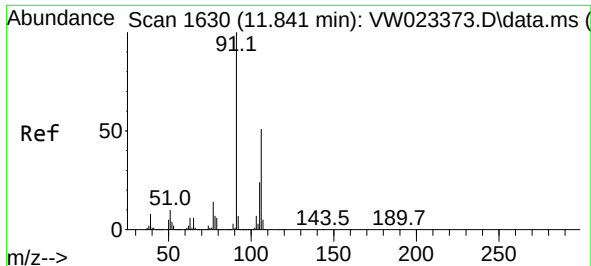
Tgt Ion: 91 Resp: 99597
Ion Ratio Lower Upper
91 100
92 57.4 41.4 76.8



#52
Ethylbenzene
Concen: 5.740 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Tgt Ion: 91 Resp: 129996
Ion Ratio Lower Upper
91 100
106 33.6 22.4 41.6

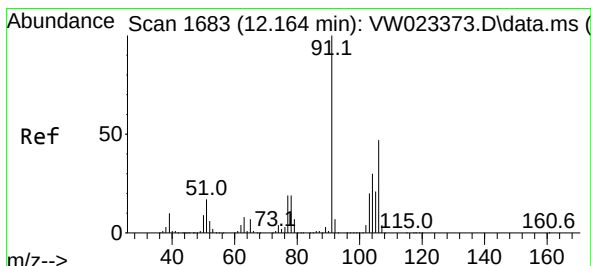
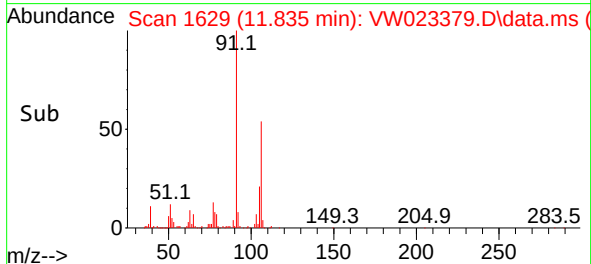
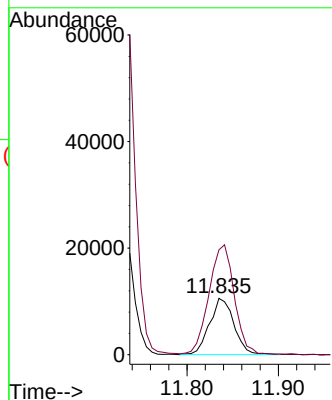
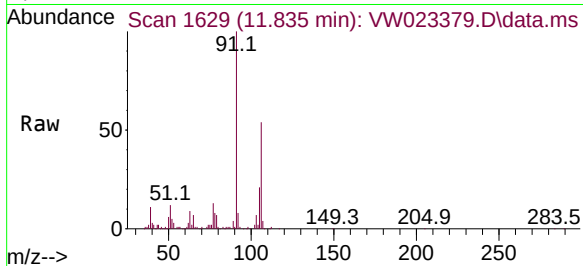




#53
m,p-Xylene
Concen: 2.194 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

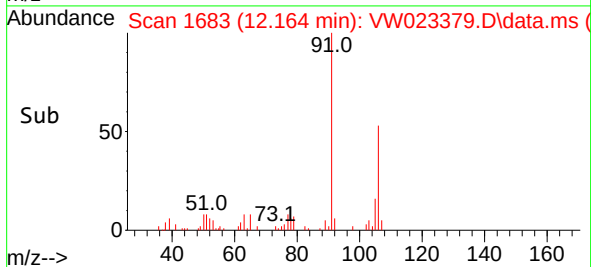
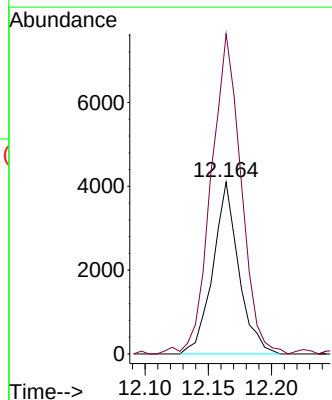
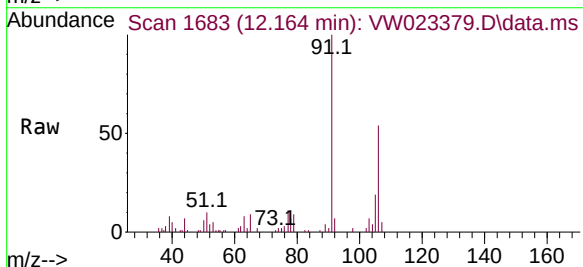
Instrument :
MSVOA_W
ClientSampleId :
DBTZ1

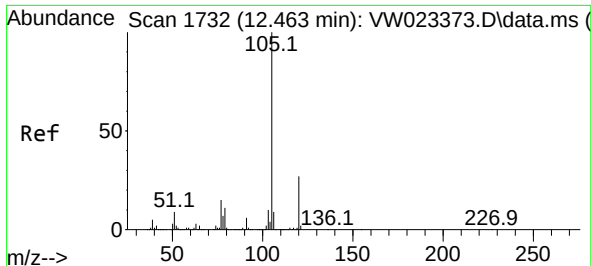
Tgt Ion:106 Resp: 19676
Ion Ratio Lower Upper
106 100
91 186.0 141.7 263.1



#54
o-Xylene
Concen: 0.679 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Tgt Ion:106 Resp: 5824
Ion Ratio Lower Upper
106 100
91 186.2 148.0 274.8

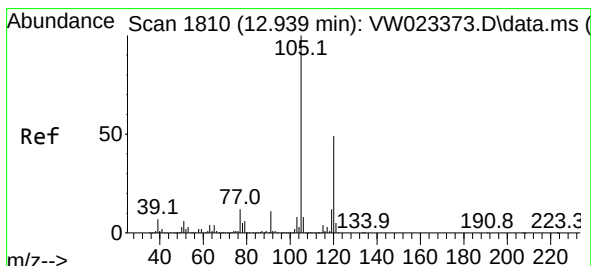
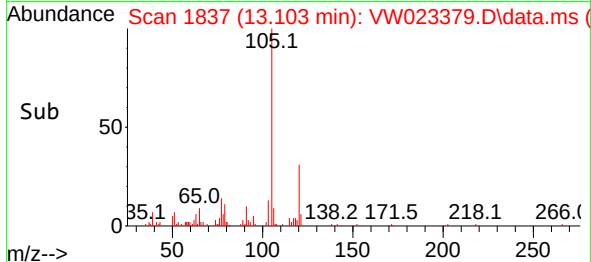
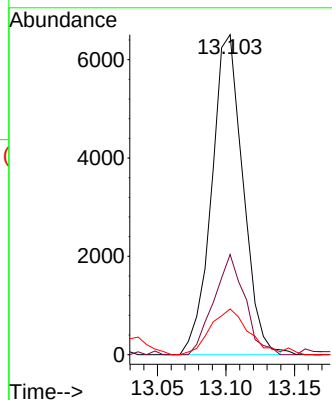
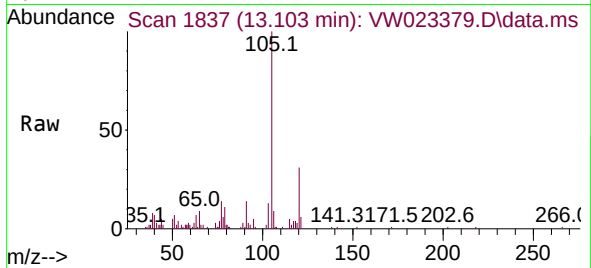




#60
Isopropylbenzene
Concen: 0.664 ug/L
RT: 13.103 min Scan# 1837
Delta R.T. 0.640 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

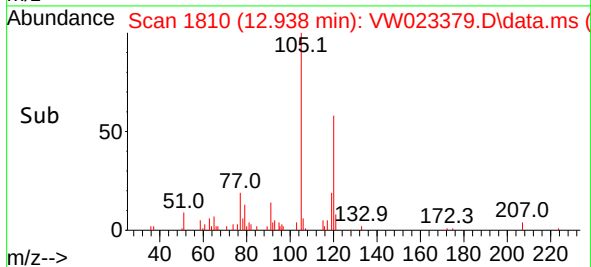
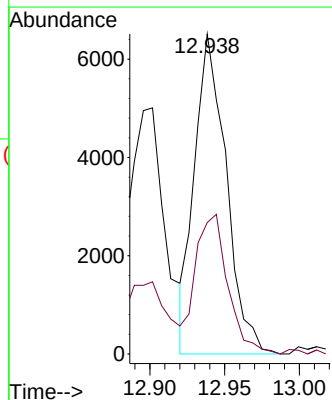
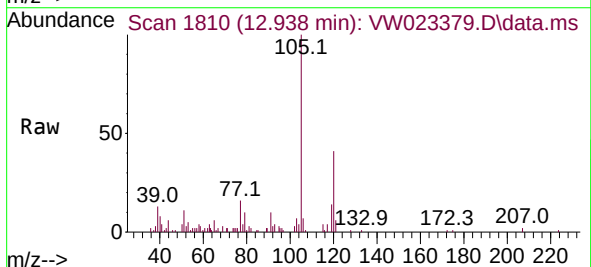
Instrument :
MSVOA_W
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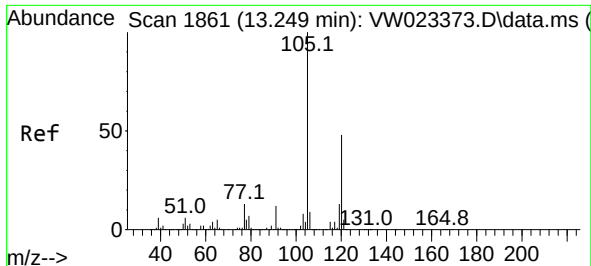
Tgt Ion:105 Resp: 10334
Ion Ratio Lower Upper
105 100
120 31.0 21.4 32.0
77 17.4 12.4 18.6



#62
1,3,5-Trimethylbenzene
Concen: 0.750 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

Tgt Ion:105 Resp: 9564
Ion Ratio Lower Upper
105 100
120 44.7 39.7 59.5

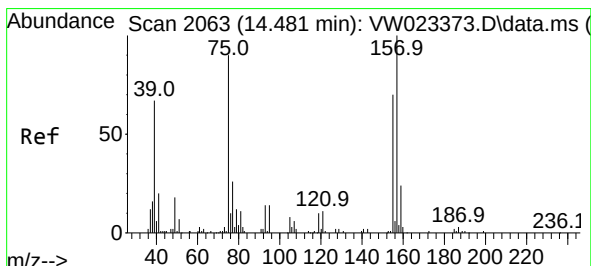
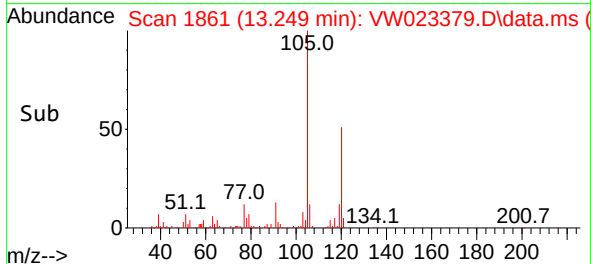
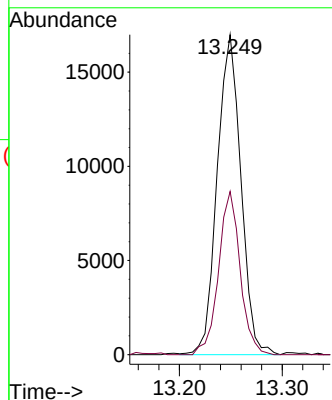
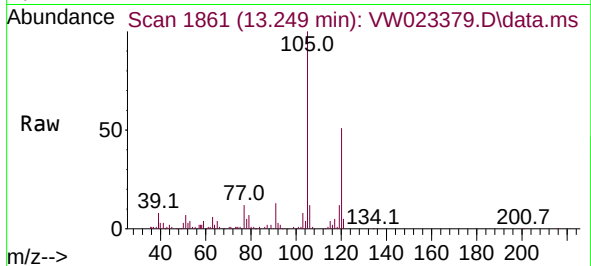




#63
1,2,4-Trimethylbenzene
Concen: 2.744 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

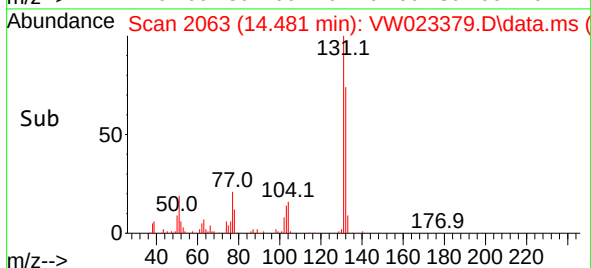
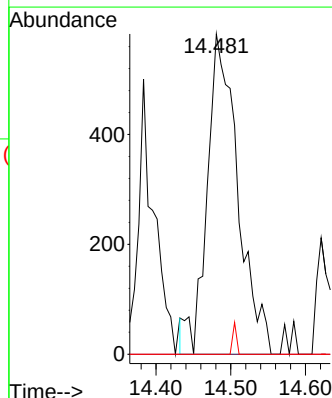
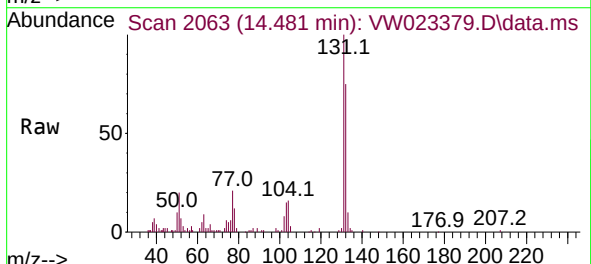
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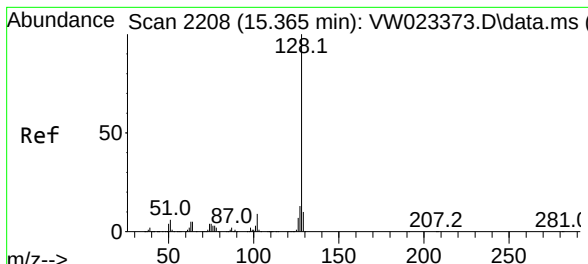
Tgt Ion:105 Resp: 27168
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8



#68
1,2-Dibromo-3-chloropropane
Concen: 3.674 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW023379.D
Acq: 02 Jun 2022 17:04

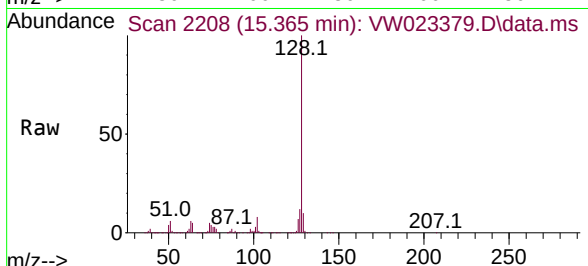
Tgt Ion: 75 Resp: 1669
Ion Ratio Lower Upper
75 100
155 0.0 66.7 100.1#
157 0.0 92.6 139.0#





#71
Naphthalene
Concen: 112.013 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW023379.D
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Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:128 Resp: 782946

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.8	8.6	13.0

