

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023412.D
 Acq On : 07 Jun 2022 15:09
 Operator : SY/VA
 Sample : N3226-04
 Misc : 7.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L5

Quant Time: Jun 08 01:22:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 08 01:20:30 2022
 Response via : Initial Calibration

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

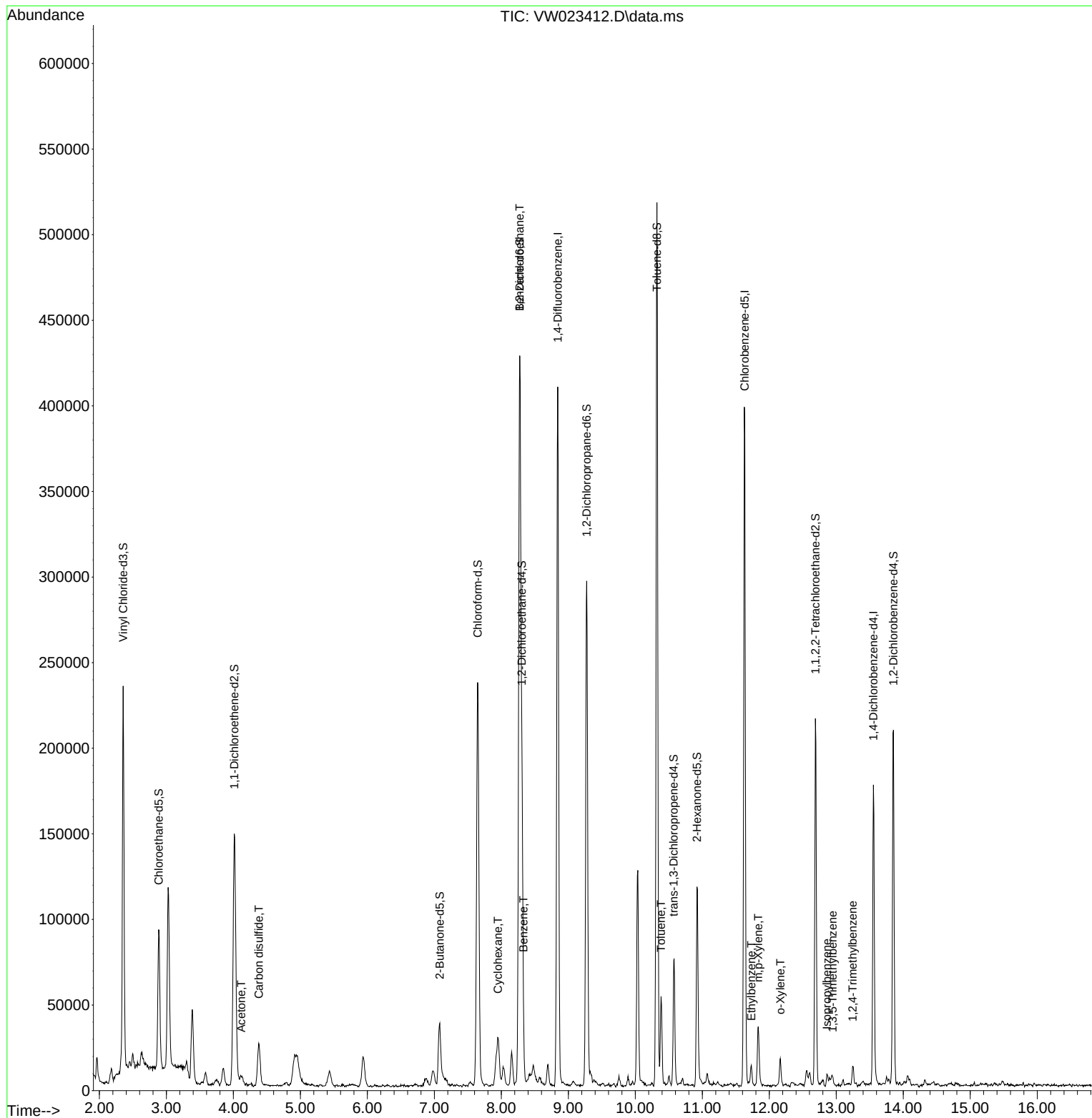
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	330488	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	217000	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	139684	27.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.240%	
7) Chloroethane-d5	2.885	69	92383	25.635	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.560%	
11) 1,1-Dichloroethene-d2	4.013	63	143229	18.644	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 74.560%	
21) 2-Butanone-d5	7.080	46	58958	59.759	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.520%	
24) Chloroform-d	7.647	84	233676	26.222	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.880%	
26) 1,2-Dichloroethane-d4	8.305	65	127539	27.244	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.960%	
32) Benzene-d6	8.275	84	438104	36.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 145.480%#	
36) 1,2-Dichloropropane-d6	9.275	67	129511	38.359	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 153.440%#	
41) Toluene-d8	10.323	98	338168	29.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 117.920%	
43) trans-1,3-Dichloroprop...	10.573	79	40828	27.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 108.400%	
47) 2-Hexanone-d5	10.921	63	39032	77.233	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 154.460%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	99888	34.578	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 138.320%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	50447	32.092	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 128.360%#	
Target Compounds						Qvalue
13) Acetone	4.117	43	3578	4.835	ug/L	87
14) Carbon disulfide	4.379	76	50941	4.206	ug/L	99
27) 1,2-Dichloroethane	8.275	62	2813	0.536	ug/L	95
29) Cyclohexane	7.952	56	14149	3.052	ug/L	88
33) Benzene	8.330	78	12799	1.005	ug/L	100
42) Toluene	10.384	91	36180	2.520	ug/L	92
52) Ethylbenzene	11.731	91	7497	0.474	ug/L	88
53) m,p-Xylene	11.835	106	9876	1.613	ug/L	99
54) o-Xylene	12.164	106	4042	0.689	ug/L	87
60) Isopropylbenzene	12.859	105	3652	0.588	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	1776	0.345	ug/L	94
63) 1,2,4-Trimethylbenzene	13.243	105	6270	1.232	ug/L	93

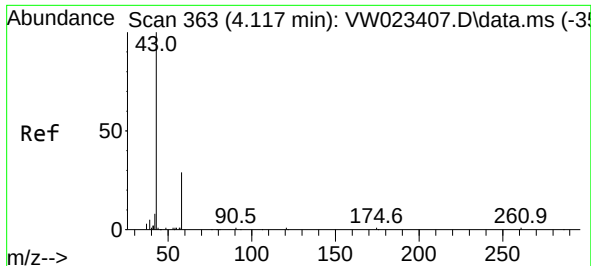
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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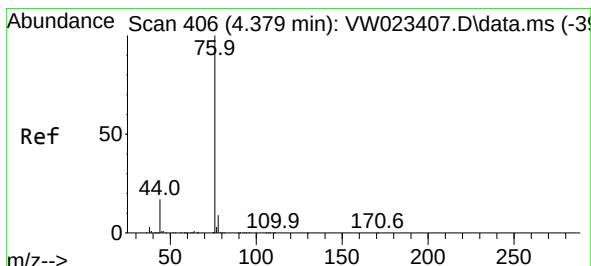
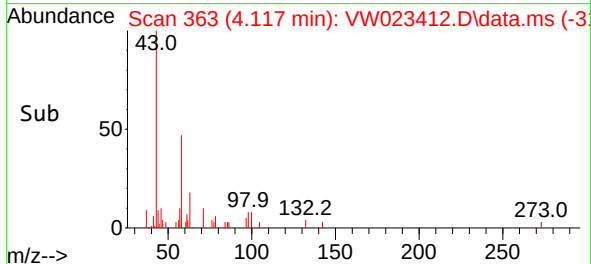
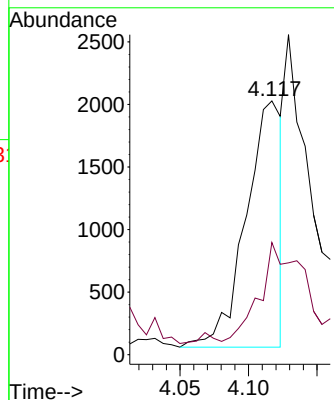
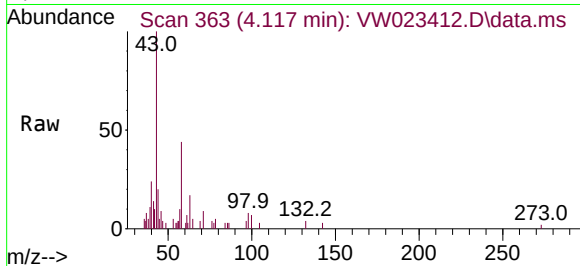




#13
Acetone
Concen: 4.835 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

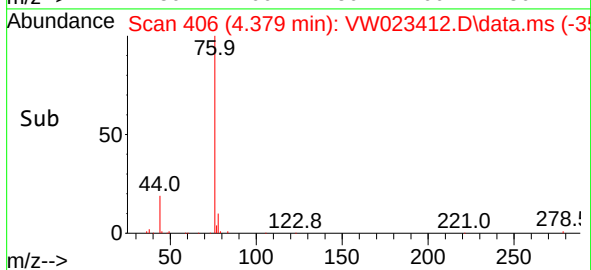
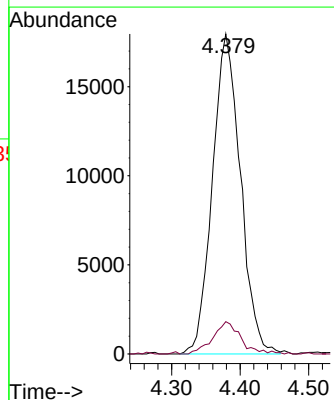
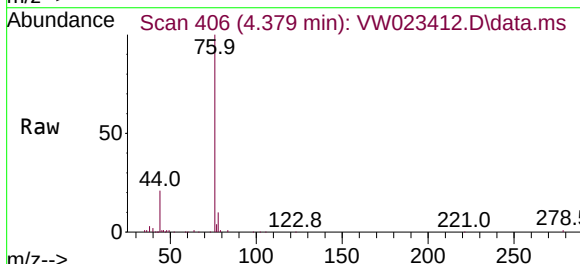
Instrument :
MSVOA_W
ClientSampleId :
EW4L5

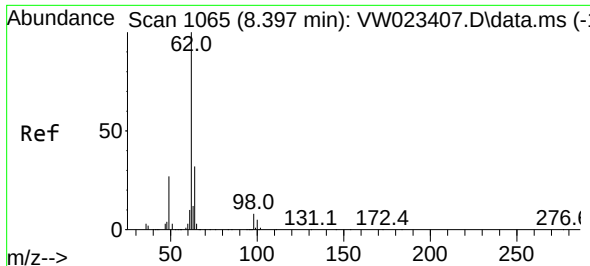
Tgt Ion: 43 Resp: 3578
Ion Ratio Lower Upper
43 100
58 24.6 0.0 64.0



#14
Carbon disulfide
Concen: 4.206 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

Tgt Ion: 76 Resp: 50941
Ion Ratio Lower Upper
76 100
78 10.1 7.7 11.5





#27

1,2-Dichloroethane

Concen: 0.536 ug/L

RT: 8.275 min Scan# 1065

Delta R.T. -0.122 min

Lab File: VW023412.D

Acq: 07 Jun 2022 15:09

Instrument :

MSVOA_W

ClientSampleId :

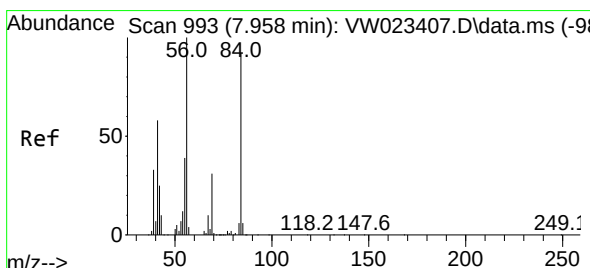
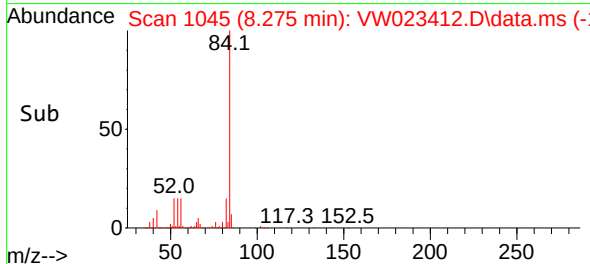
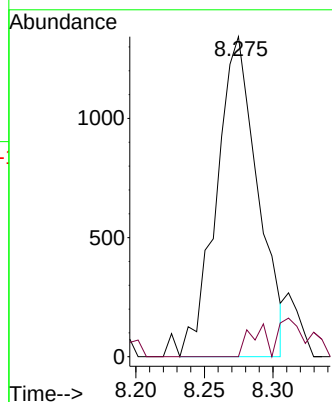
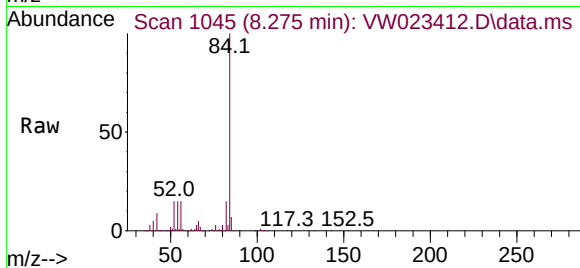
EW4L5

Tgt Ion: 62 Resp: 2813

Ion Ratio Lower Upper

62 100

98 7.3 7.2 10.8



#29

Cyclohexane

Concen: 3.052 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW023412.D

Acq: 07 Jun 2022 15:09

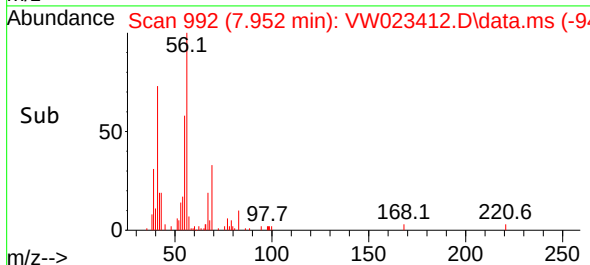
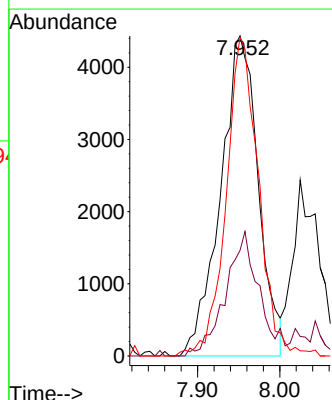
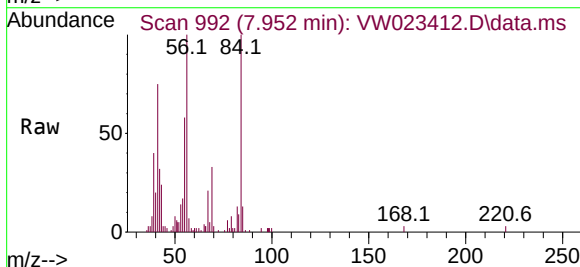
Tgt Ion: 56 Resp: 14149

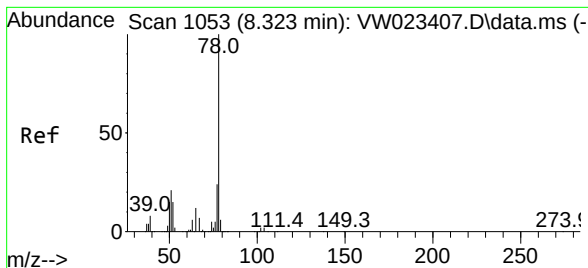
Ion Ratio Lower Upper

56 100

69 32.0 25.6 38.4

84 82.7 78.2 117.4





#33

Benzene

Concen: 1.005 ug/L

RT: 8.330 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VW023412.D

Acq: 07 Jun 2022 15:09

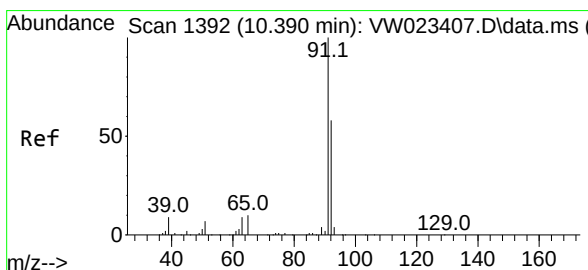
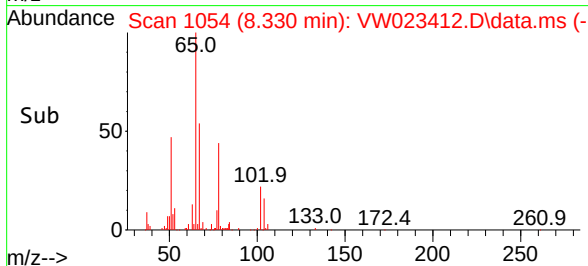
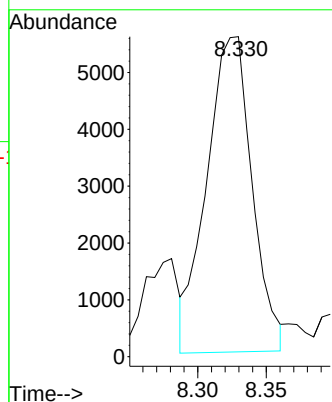
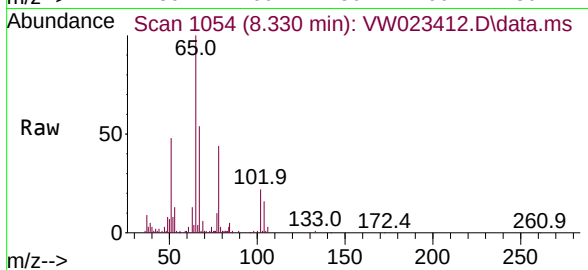
Instrument :

MSVOA_W

ClientSampleId :

EW4L5

Tgt Ion: 78 Resp: 12799



#42

Toluene

Concen: 2.520 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023412.D

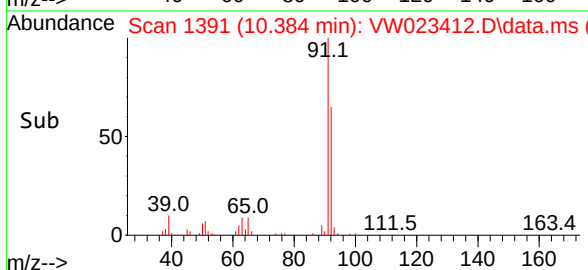
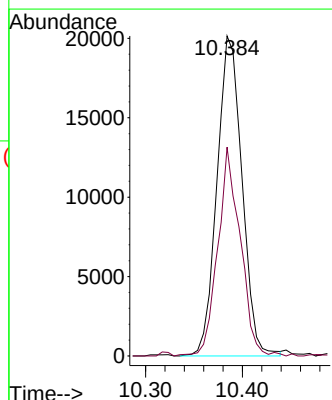
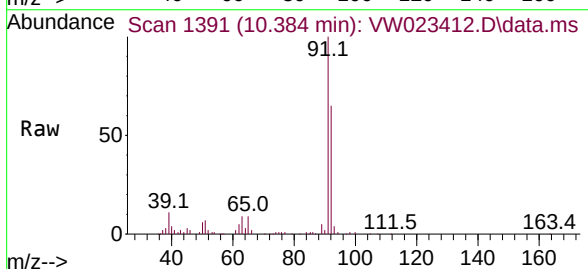
Acq: 07 Jun 2022 15:09

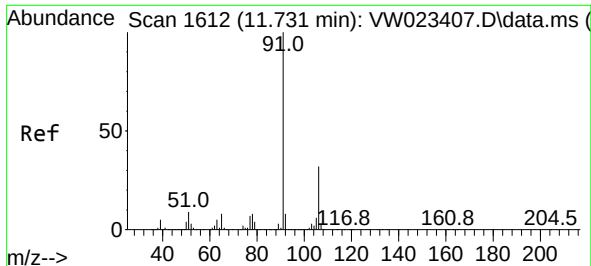
Tgt Ion: 91 Resp: 36180

Ion Ratio Lower Upper

91 100

92 65.2 41.6 77.2

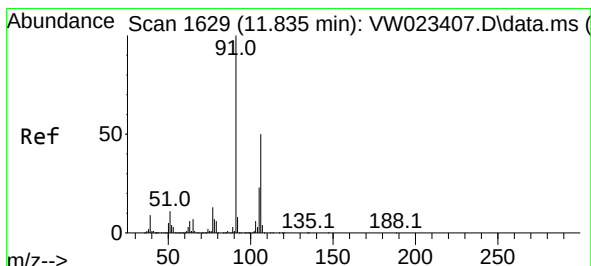
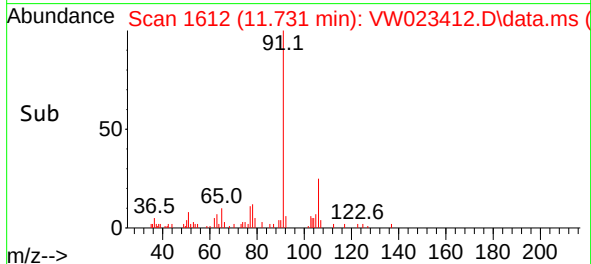
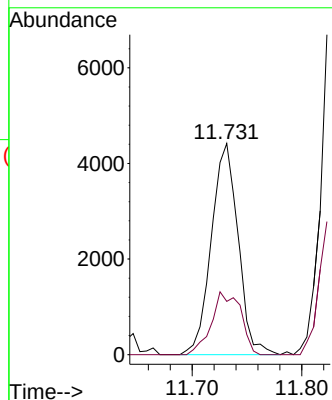
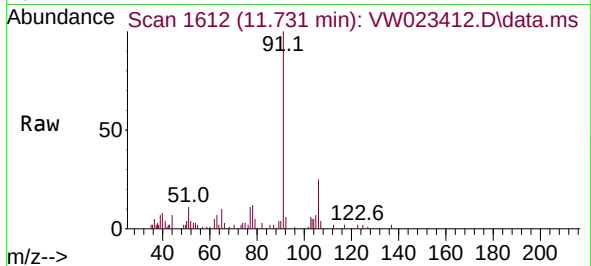




#52
Ethylbenzene
Concen: 0.474 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

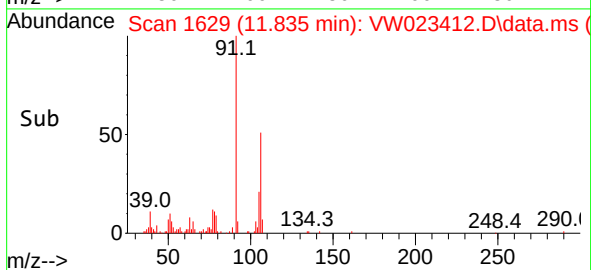
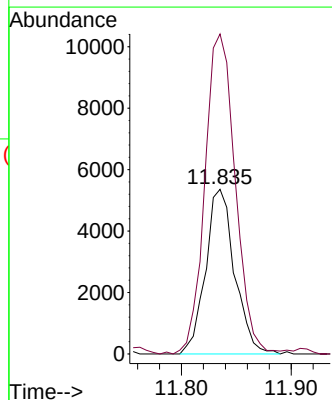
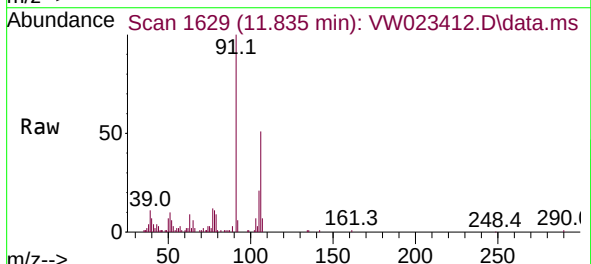
Instrument :
MSVOA_W
ClientSampleId :
EW4L5

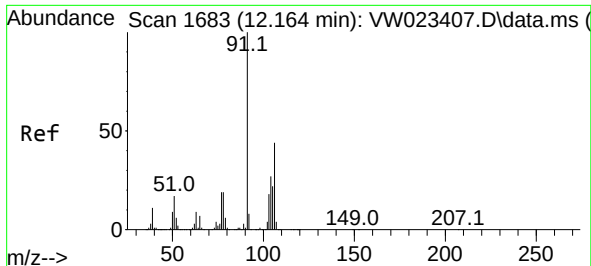
Tgt Ion: 91 Resp: 7497
Ion Ratio Lower Upper
91 100
106 25.2 22.3 41.3



#53
m,p-Xylene
Concen: 1.613 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

Tgt Ion: 106 Resp: 9876
Ion Ratio Lower Upper
106 100
91 194.3 136.8 254.0

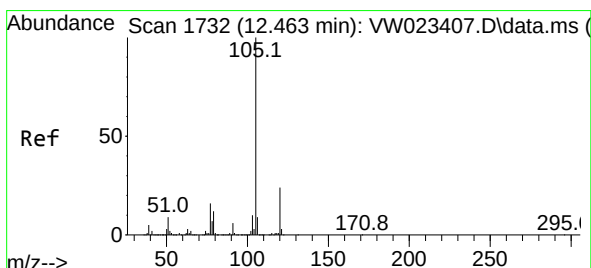
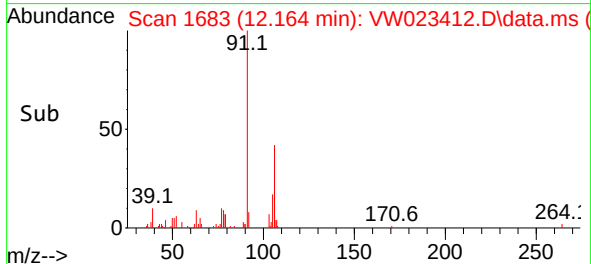
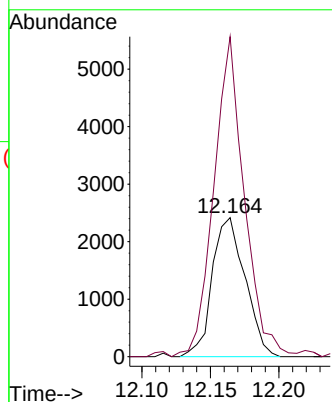
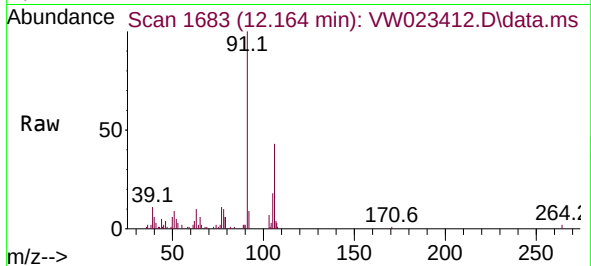




#54
o-Xylene
Concen: 0.689 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

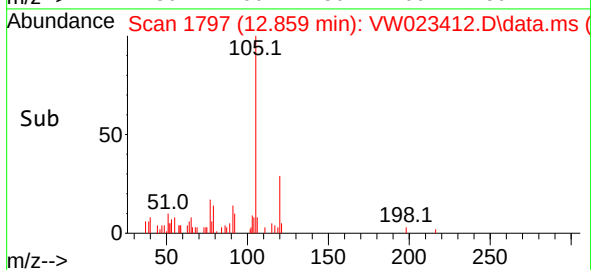
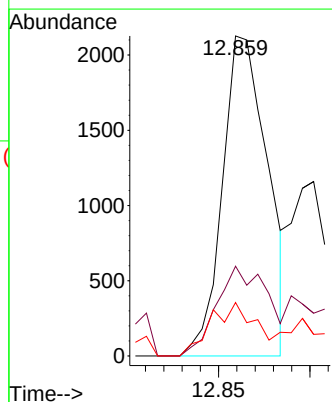
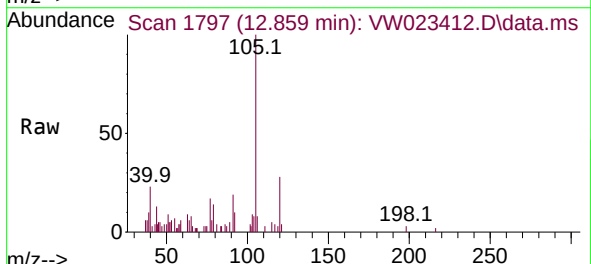
Instrument :
MSVOA_W
ClientSampleId :
EW4L5

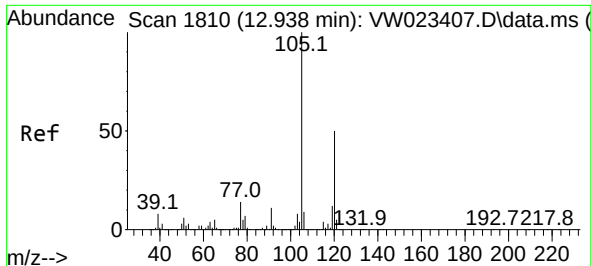
Tgt Ion:106 Resp: 4042
Ion Ratio Lower Upper
106 100
91 230.1 147.2 273.4



#60
Isopropylbenzene
Concen: 0.588 ug/L
RT: 12.859 min Scan# 1797
Delta R.T. 0.396 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

Tgt Ion:105 Resp: 3652
Ion Ratio Lower Upper
105 100
120 31.6 21.3 31.9
77 16.4 12.6 19.0

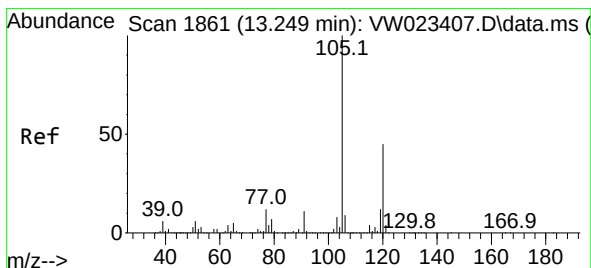
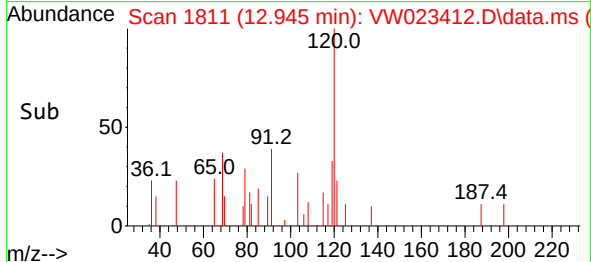
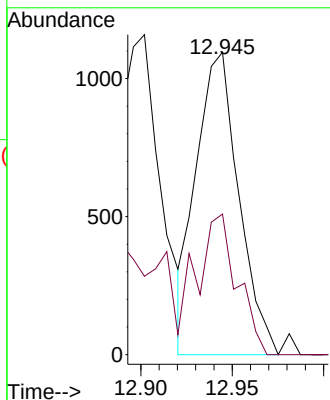
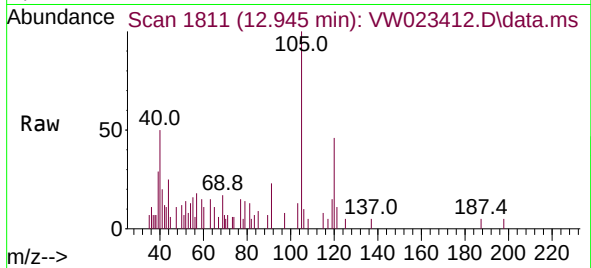




#62
1,3,5-Trimethylbenzene
Concen: 0.345 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

Instrument :
MSVOA_W
ClientSampleId :
EW4L5

Tgt Ion:105 Resp: 1776
Ion Ratio Lower Upper
105 100
120 44.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 1.232 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW023412.D
Acq: 07 Jun 2022 15:09

Tgt Ion:105 Resp: 6270
Ion Ratio Lower Upper
105 100
120 42.2 37.4 56.2

