

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023410.D
 Acq On : 07 Jun 2022 13:27
 Operator : SY/VA
 Sample : N3226-03
 Misc : 6.37g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L4

Quant Time: Jun 08 01:21:40 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)

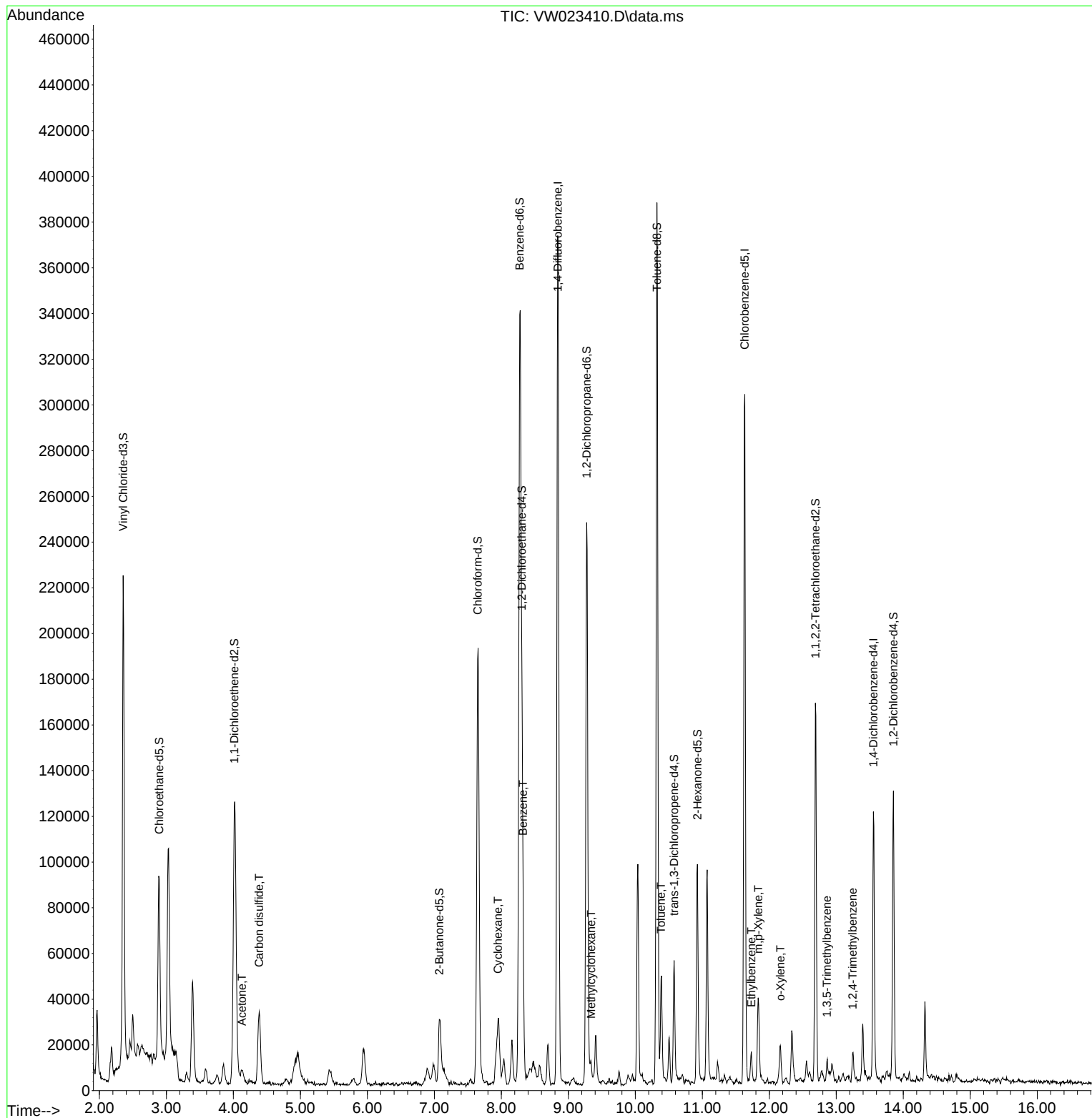
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	303721	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.634	117	165725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.554	152	28410	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	124048	26.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.560%		
7) Chloroethane-d5		2.891	69	92610	27.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.840%		
11) 1,1-Dichloroethene-d2		4.013	63	121528	17.213	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 68.840%		
21) 2-Butanone-d5		7.074	46	48440	53.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.840%		
24) Chloroform-d		7.647	84	191350	23.364	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.440%		
26) 1,2-Dichloroethane-d4		8.305	65	102749	23.883	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 95.520%		
32) Benzene-d6		8.275	84	354519	38.537	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 154.160%#		
36) 1,2-Dichloropropane-d6		9.274	67	110280	42.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 171.080%#		
41) Toluene-d8		10.323	98	248126	28.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.280%		
43) trans-1,3-Dichloroprop...		10.579	79	28671	24.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.680%		
47) 2-Hexanone-d5		10.927	63	30643	79.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 158.780%#		
56) 1,1,2,2-Tetrachloroeth...		12.689	84	79440	36.008	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 144.040%#		
66) 1,2-Dichlorobenzene-d4		13.853	152	31204	30.345	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 121.400%#		
Target Compounds							Qvalue
13) Acetone		4.129	43	7565	11.124	ug/L	67
14) Carbon disulfide		4.385	76	67885	6.100	ug/L	100
29) Cyclohexane		7.952	56	14871	4.200	ug/L	86
33) Benzene		8.323	78	15933	1.638	ug/L	100
35) Methylcyclohexane		9.342	83	2599	0.595	ug/L	90
42) Toluene		10.384	91	33010	3.010	ug/L	90
52) Ethylbenzene		11.731	91	7785	0.644	ug/L	97
53) m,p-Xylene		11.835	106	10675	2.283	ug/L	100
54) o-Xylene		12.164	106	4346	0.970	ug/L	96
62) 1,3,5-Trimethylbenzene		12.859	105	4622	1.374	ug/L	94
63) 1,2,4-Trimethylbenzene		13.243	105	6687	2.008	ug/L	99

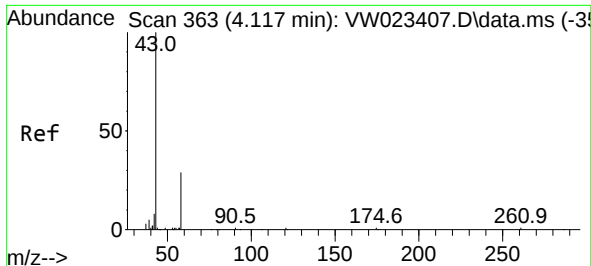
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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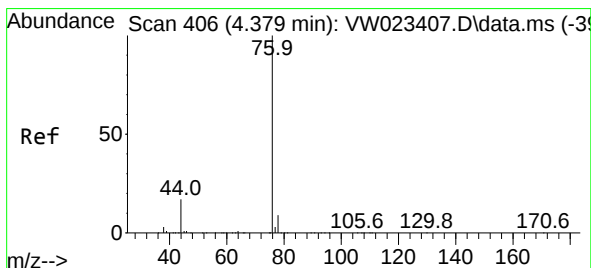
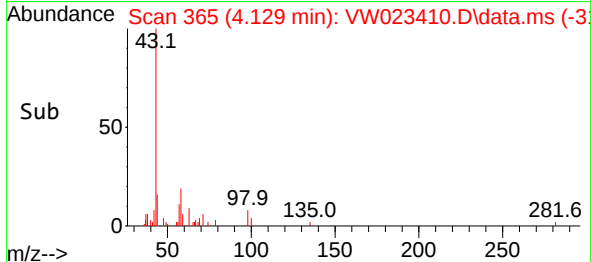
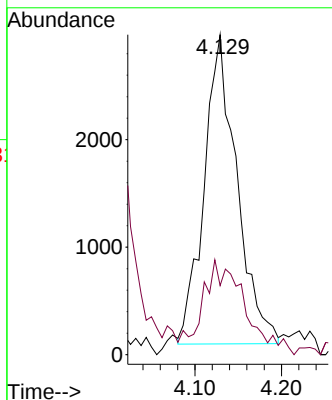
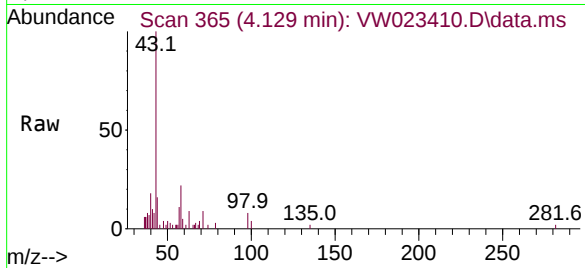




#13
Acetone
Concen: 11.124 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

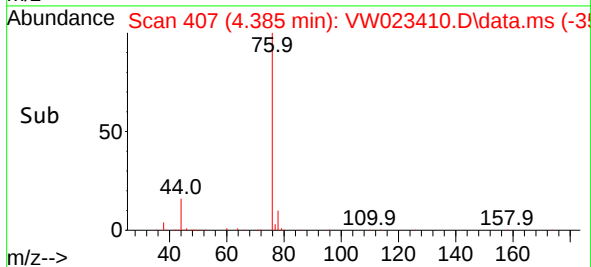
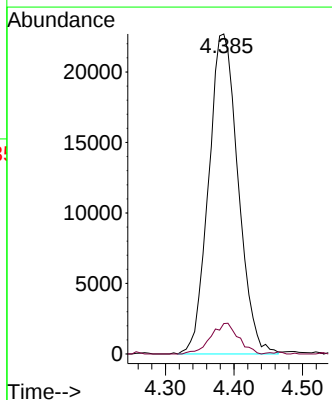
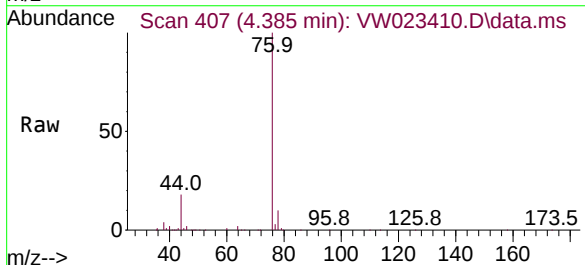
Instrument :
MSVOA_W
ClientSampleId :
EW4L4

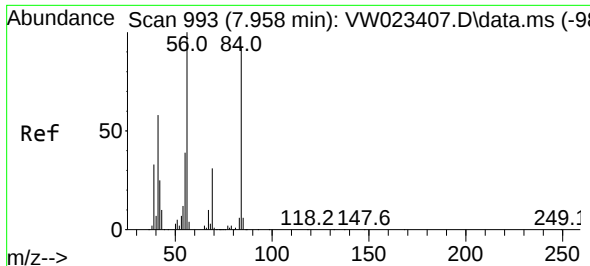
Tgt Ion: 43 Resp: 7565
Ion Ratio Lower Upper
43 100
58 13.4 0.0 64.0



#14
Carbon disulfide
Concen: 6.100 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion: 76 Resp: 67885
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5





#29

Cyclohexane

Concen: 4.200 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW023410.D

Acq: 07 Jun 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

EW4L4

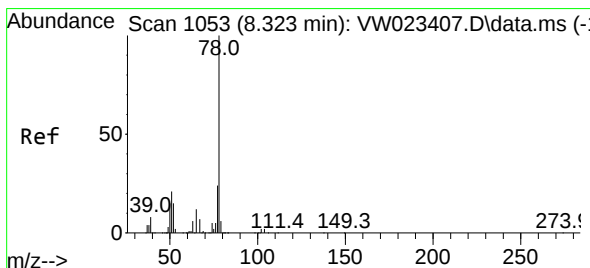
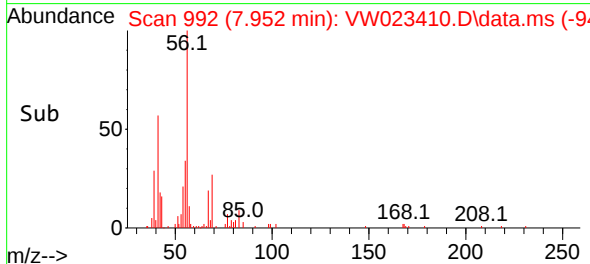
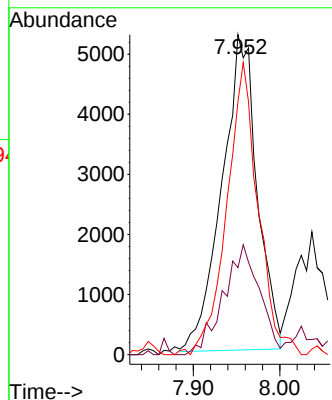
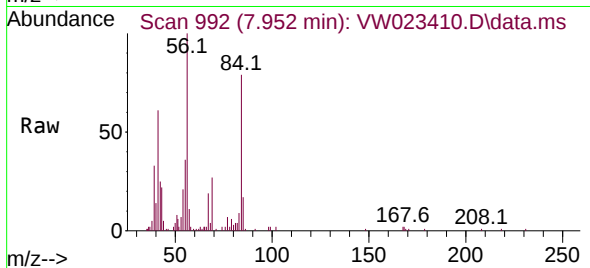
Tgt Ion: 56 Resp: 14871

Ion Ratio Lower Upper

56 100

69 31.1 25.6 38.4

84 80.2 78.2 117.4



#33

Benzene

Concen: 1.638 ug/L

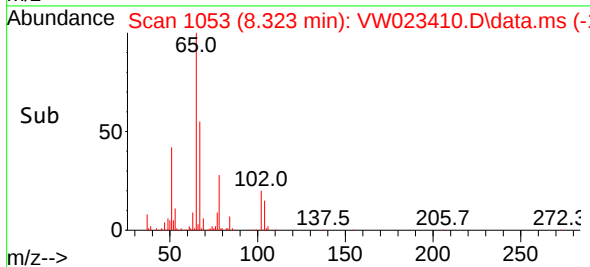
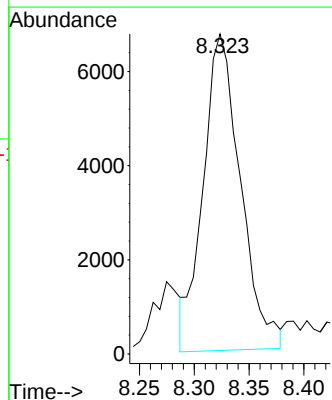
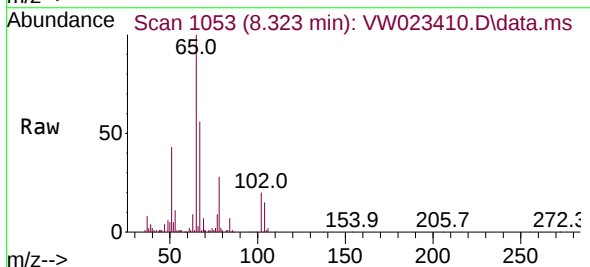
RT: 8.323 min Scan# 1053

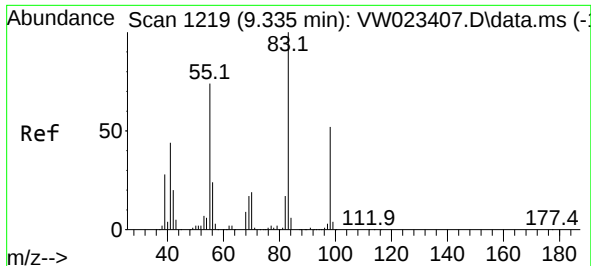
Delta R.T. -0.000 min

Lab File: VW023410.D

Acq: 07 Jun 2022 13:27

Tgt Ion: 78 Resp: 15933





#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 9.342 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023410.D

Acq: 07 Jun 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

EW4L4

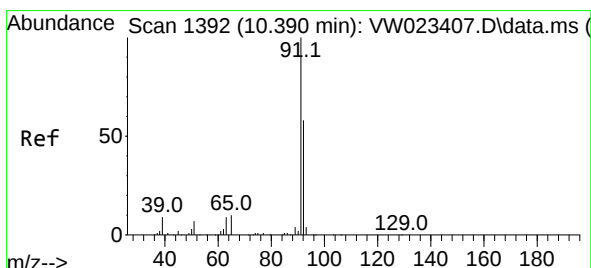
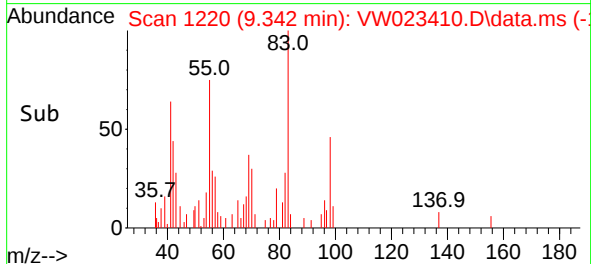
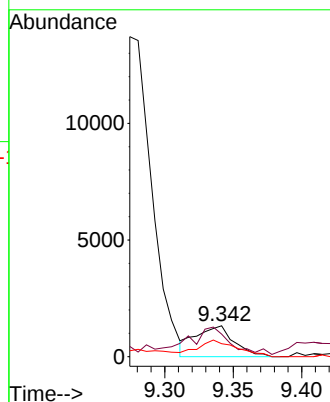
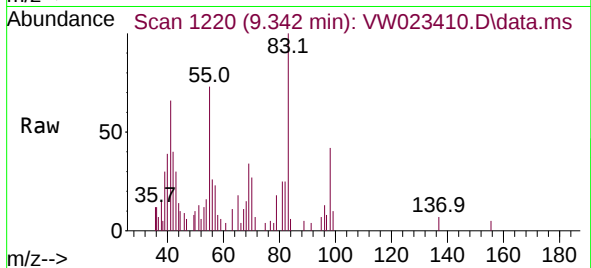
Tgt Ion: 83 Resp: 2599

Ion Ratio Lower Upper

83 100

55 57.6 55.1 82.7

98 54.2 40.4 60.6



#42

Toluene

Concen: 3.010 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW023410.D

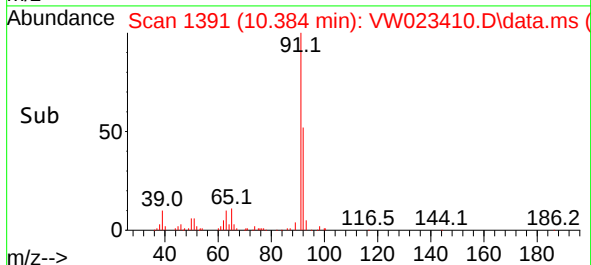
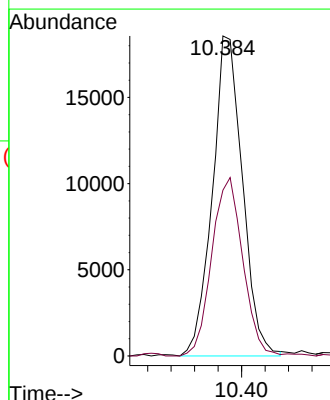
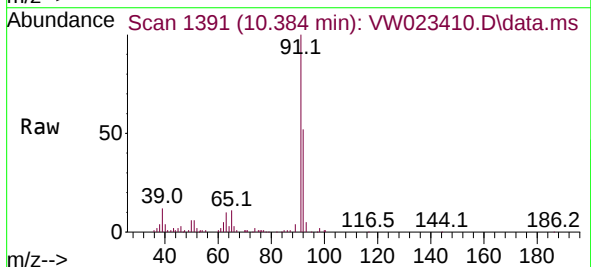
Acq: 07 Jun 2022 13:27

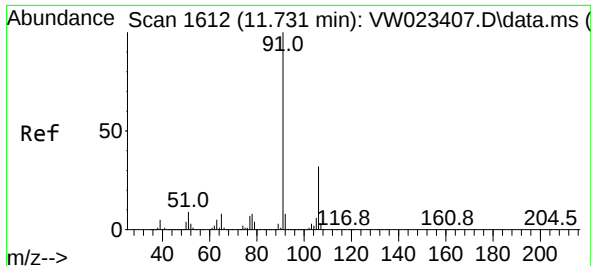
Tgt Ion: 91 Resp: 33010

Ion Ratio Lower Upper

91 100

92 51.8 41.6 77.2

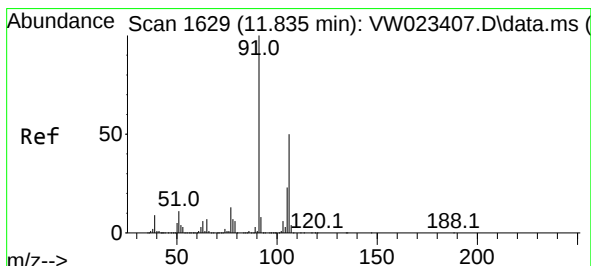
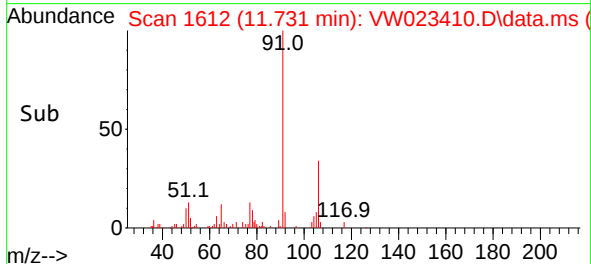
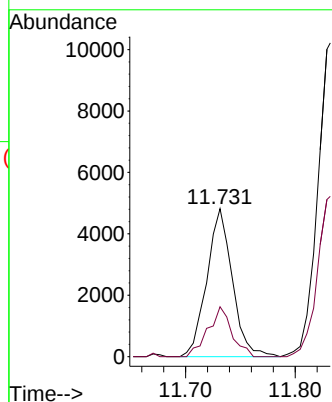
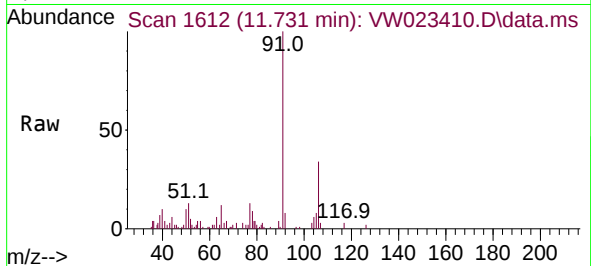




#52
Ethylbenzene
Concen: 0.644 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

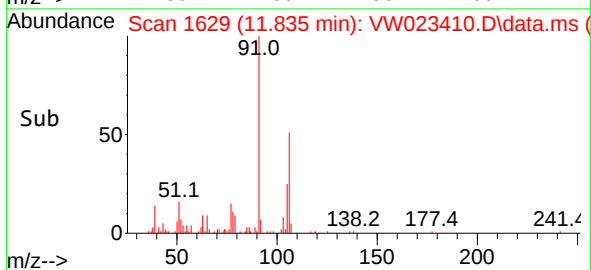
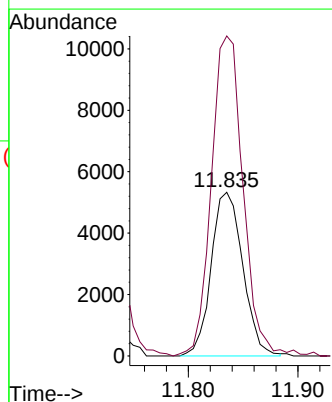
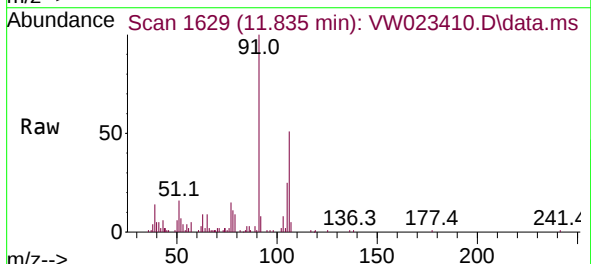
Instrument :
MSVOA_W
ClientSampleId :
EW4L4

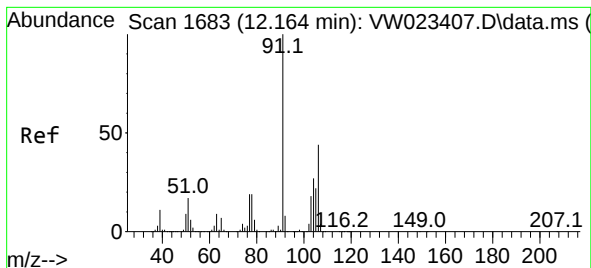
Tgt Ion: 91 Resp: 7785
Ion Ratio Lower Upper
91 100
106 33.7 22.3 41.3



#53
m,p-Xylene
Concen: 2.283 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023410.D
Acq: 07 Jun 2022 13:27

Tgt Ion: 106 Resp: 10675
Ion Ratio Lower Upper
106 100
91 195.6 136.8 254.0





#54

o-Xylene

Concen: 0.970 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023410.D

Acq: 07 Jun 2022 13:27

Instrument :

MSVOA_W

ClientSampleId :

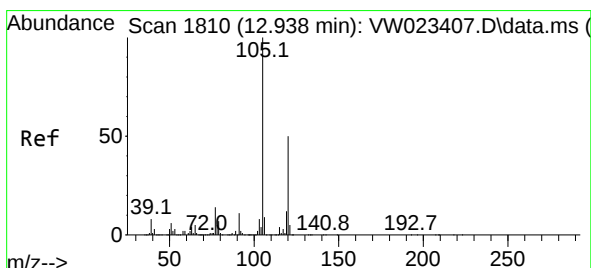
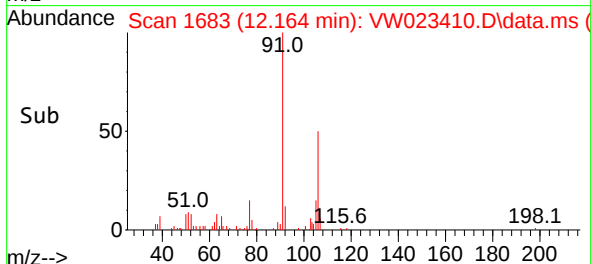
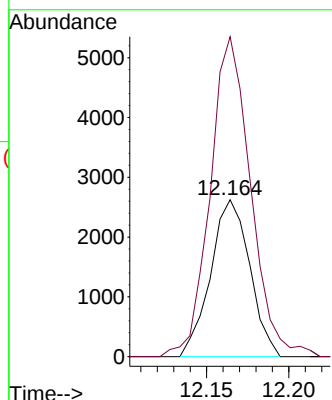
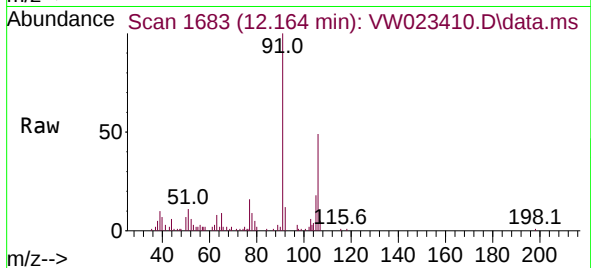
EW4L4

Tgt Ion:106 Resp: 4346

Ion Ratio Lower Upper

106 100

91 203.8 147.2 273.4



#62

1,3,5-Trimethylbenzene

Concen: 1.374 ug/L

RT: 12.859 min Scan# 1797

Delta R.T. -0.079 min

Lab File: VW023410.D

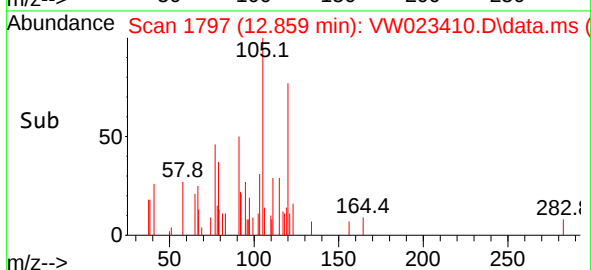
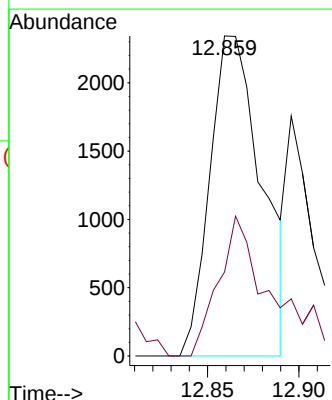
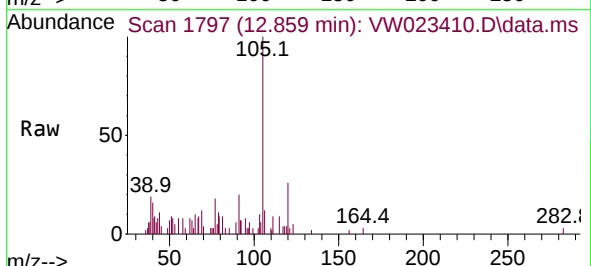
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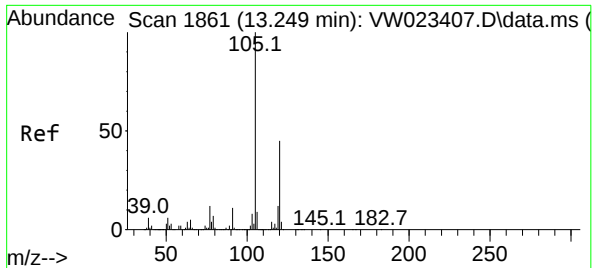
Tgt Ion:105 Resp: 4622

Ion Ratio Lower Upper

105 100

120 44.2 38.9 58.3





#63
 1,2,4-Trimethylbenzene
 Concen: 2.008 ug/L
 RT: 13.243 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW023410.D
 Acq: 07 Jun 2022 13:27

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4L4

Tgt Ion:	105	Resp:	6687
Ion Ratio	Lower	Upper	
105	100		
120	46.2	37.4	56.2

