

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101823\
 Data File : VW027323.D
 Acq On : 18 Oct 2023 12:25
 Operator : SY/MD
 Sample : 04922-01
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

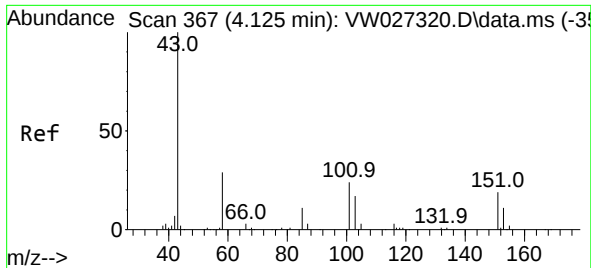
Instrument :
 MSVOA_W
 ClientSampleId :
 EOAQ3

Quant Time: Oct 18 22:22:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 18 22:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	624673	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	481289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	162518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159341	16.714	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.840%		
7) Chloroethane-d5	2.893	69	127119	18.570	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.280%		
11) 1,1-Dichloroethene-d2	4.021	65	83059	17.387	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.560%		
21) 2-Butanone-d5	7.075	46	117837	37.188	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.380%		
24) Chloroform-d	7.648	84	355881	19.115	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.440%		
26) 1,2-Dichloroethane-d4	8.307	65	184991	18.497	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	74.000%		
32) Benzene-d6	8.270	84	729135	22.392	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	9.270	67	234692	23.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.400%		
41) Toluene-d8	10.325	98	586491	19.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.440%		
43) trans-1,3-Dichloroprop...	10.575	79	83171	18.341	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.360%		
47) 2-Hexanone-d5	10.922	63	93097	45.242	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.480%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	150945	20.342	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.360%		
66) 1,2-Dichlorobenzene-d4	13.855	152	108615	18.443	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.760%#		
Target Compounds					Qvalue	
13) Acetone	4.125	43	44896	16.404	ug/L	98
29) Cyclohexane	7.953	56	85906	5.879	ug/L #	85
33) Benzene	8.325	78	619618	19.699	ug/L	100
35) Methylcyclohexane	9.331	83	138141	9.297	ug/L #	71
42) Toluene	10.386	91	77877	2.360	ug/L	99
51) Chlorobenzene	11.654	112	192591	9.321	ug/L	98
52) Ethylbenzene	11.727	91	27395	0.714	ug/L	98
53) m,p-Xylene	11.843	106	73291	5.040	ug/L	98
54) o-Xylene	12.166	106	92127	6.615	ug/L	98
60) Isopropylbenzene	12.458	105	42184	1.652	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	43148	2.026	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	107884	5.178	ug/L	99

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



#13

Acetone

Concen: 16.404 ug/L

RT: 4.125 min Scan# 3

Delta R.T. -0.000 min

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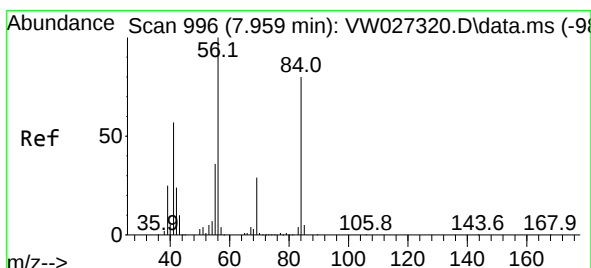
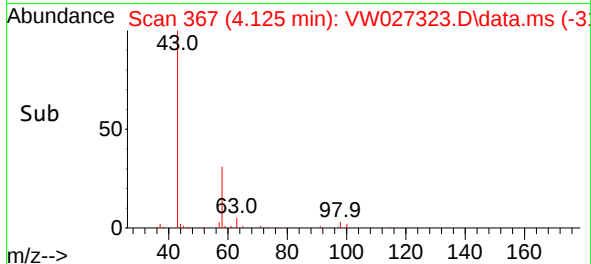
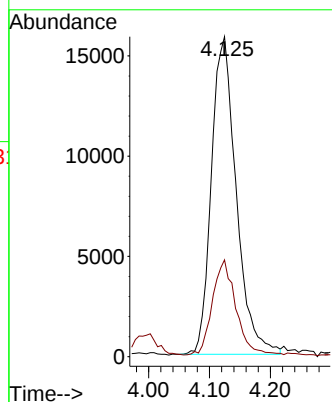
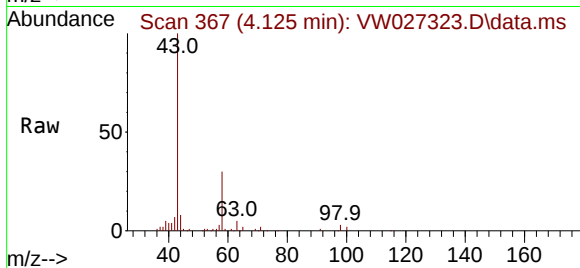
EOAQ3

Tgt Ion: 43 Resp: 44896

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



#29

Cyclohexane

Concen: 5.879 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW027323.D

Acq: 18 Oct 2023 12:25

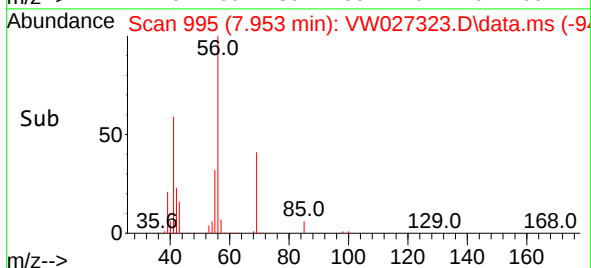
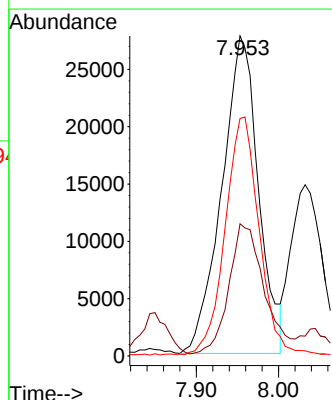
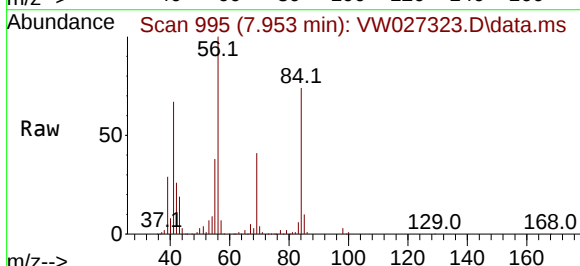
Tgt Ion: 56 Resp: 85906

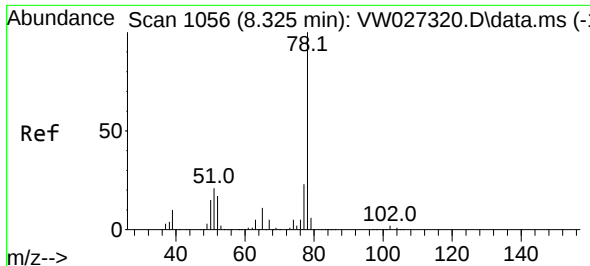
Ion Ratio Lower Upper

56 100

69 39.5 24.2 36.4

84 68.4 65.1 97.7

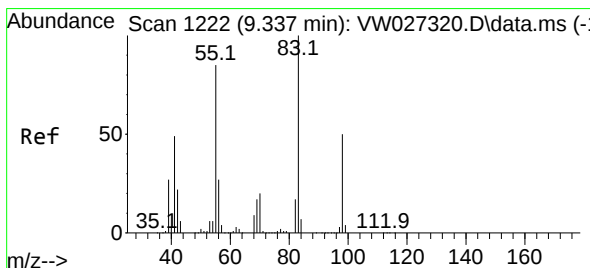
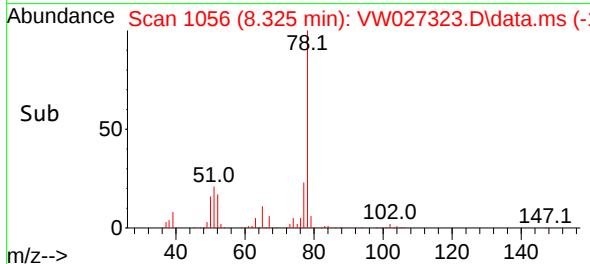
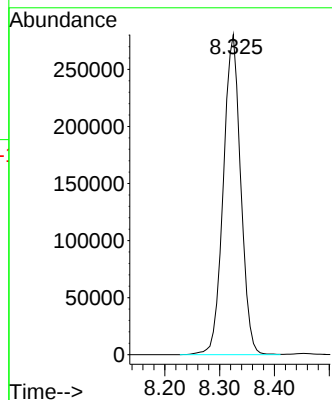
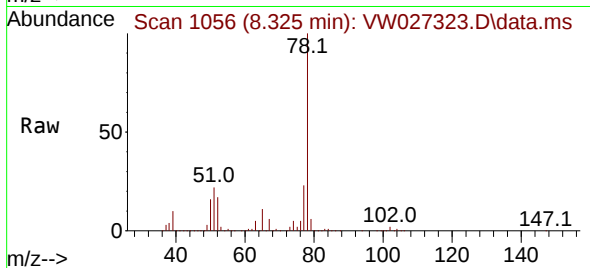




#33
Benzene
Concen: 19.699 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

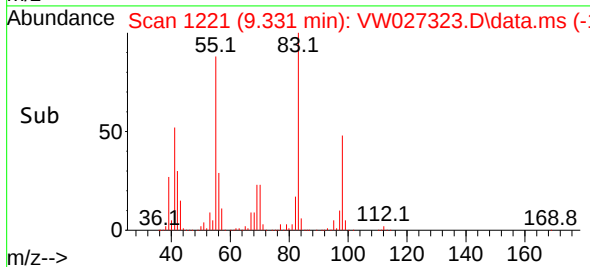
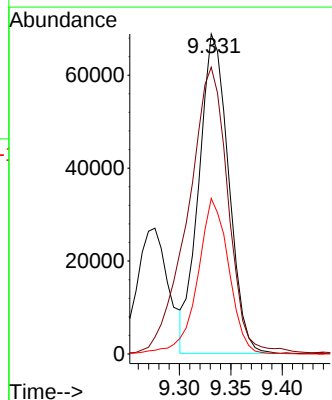
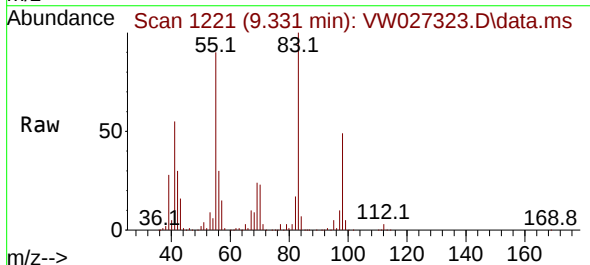
Instrument :
MSVOA_W
ClientSampleId :
EOAQ3

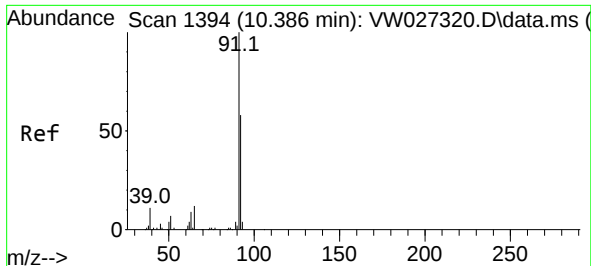
Tgt Ion: 78 Resp: 619618



#35
Methylcyclohexane
Concen: 9.297 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

Tgt Ion: 83 Resp: 138141
Ion Ratio Lower Upper
83 100
55 120.3 65.8 98.8#
98 51.4 38.1 57.1

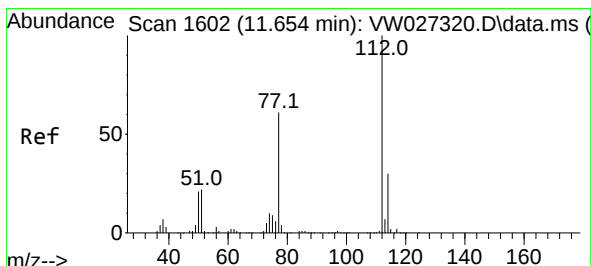
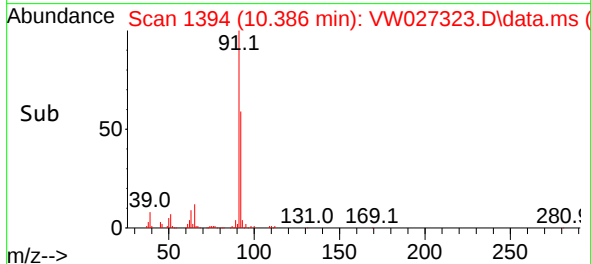
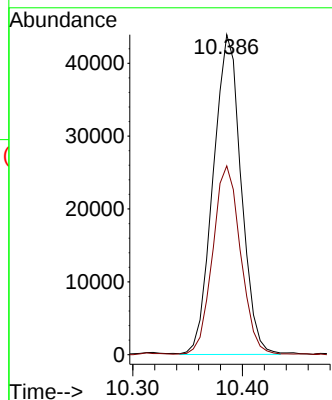
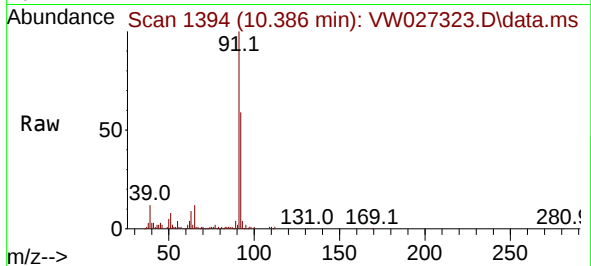




#42
Toluene
Concen: 2.360 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

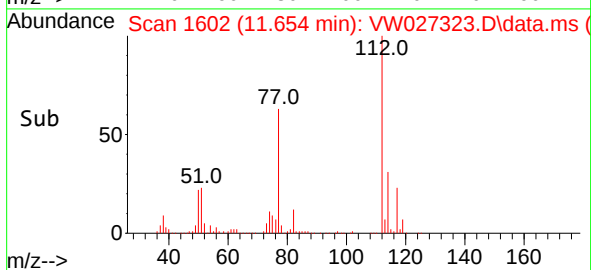
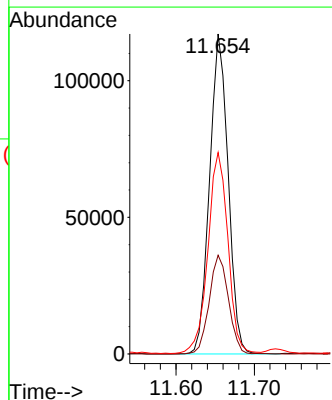
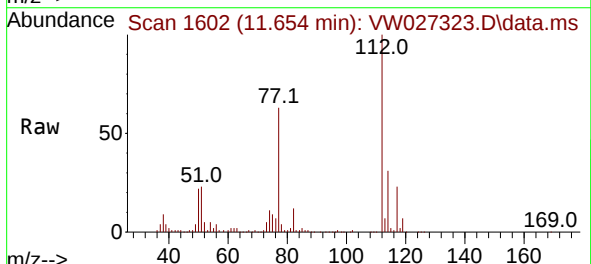
Instrument :
MSVOA_W
ClientSampleId :
EOAQ3

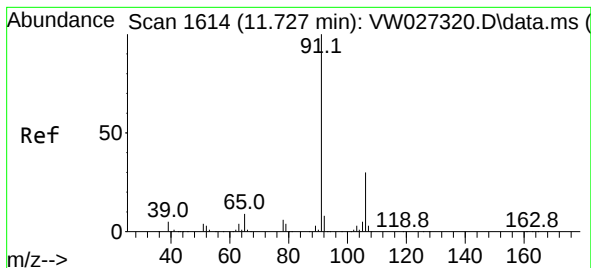
Tgt Ion: 91 Resp: 77877
Ion Ratio Lower Upper
91 100
92 59.0 42.1 78.1



#51
Chlorobenzene
Concen: 9.321 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

Tgt Ion: 112 Resp: 192591
Ion Ratio Lower Upper
112 100
114 30.8 21.8 40.6
77 63.0 52.2 78.4

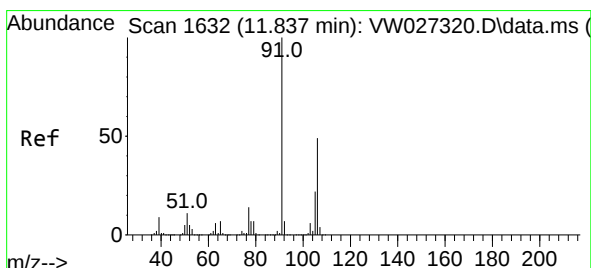
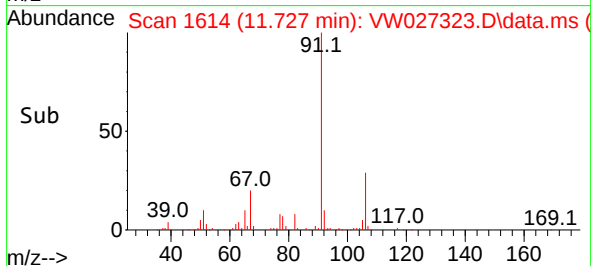
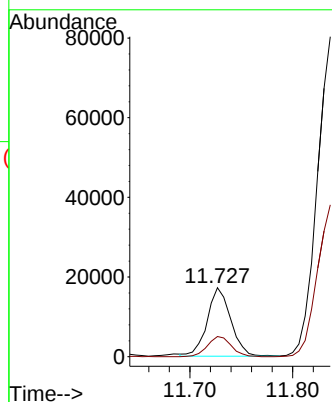
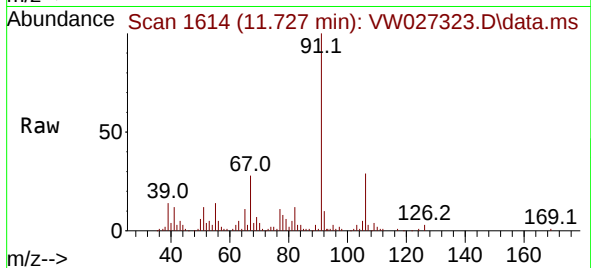




#52
Ethylbenzene
Concen: 0.714 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

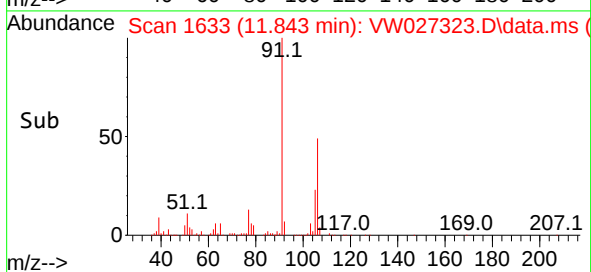
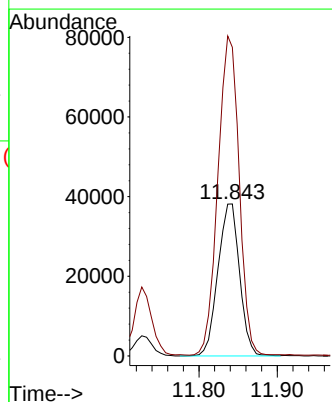
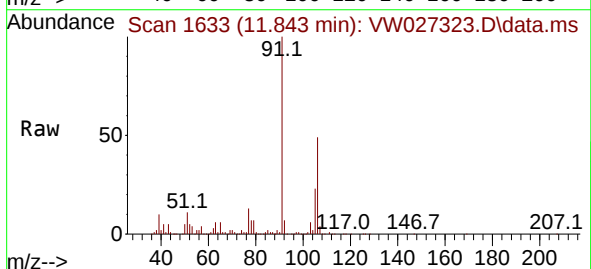
Instrument :
MSVOA_W
ClientSampleId :
EOAQ3

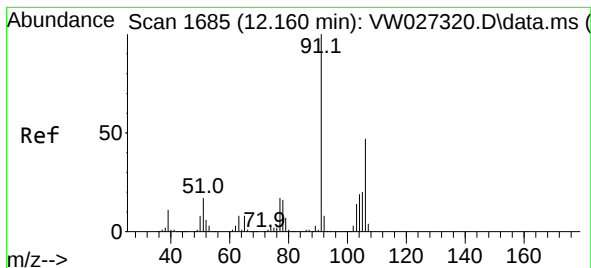
Tgt Ion: 91 Resp: 27395
Ion Ratio Lower Upper
91 100
106 29.1 19.8 36.8



#53
m,p-Xylene
Concen: 5.040 ug/L
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW027323.D
Acq: 18 Oct 2023 12:25

Tgt Ion: 106 Resp: 73291
Ion Ratio Lower Upper
106 100
91 203.0 144.5 268.4





#54

o-Xylene

Concen: 6.615 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027323.D

Acq: 18 Oct 2023 12:25

Instrument :

MSVOA_W

ClientSampleId :

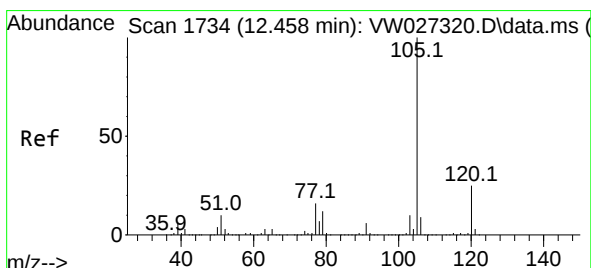
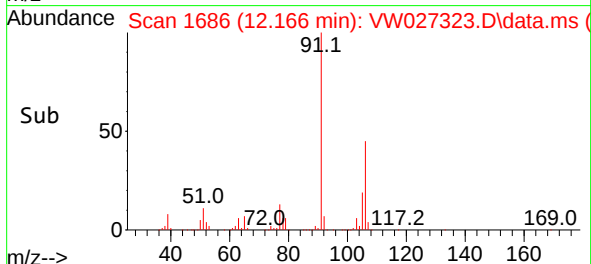
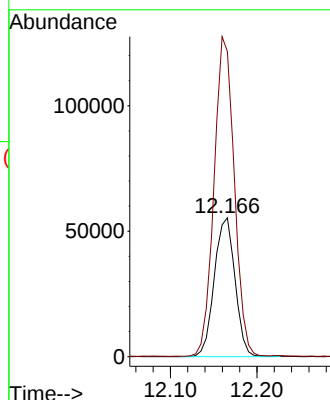
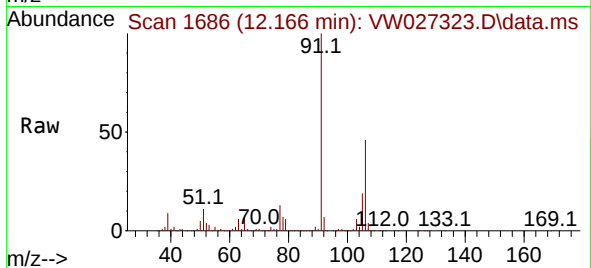
EOAQ3

Tgt Ion:106 Resp: 92127

Ion Ratio Lower Upper

106 100

91 219.7 152.0 282.2



#60

Isopropylbenzene

Concen: 1.652 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW027323.D

Acq: 18 Oct 2023 12:25

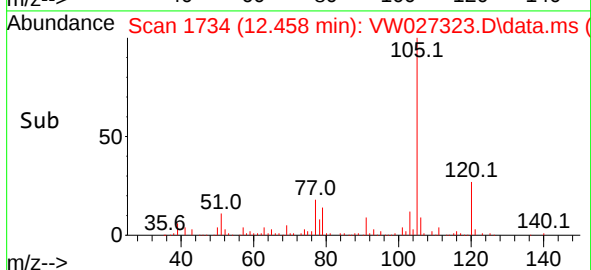
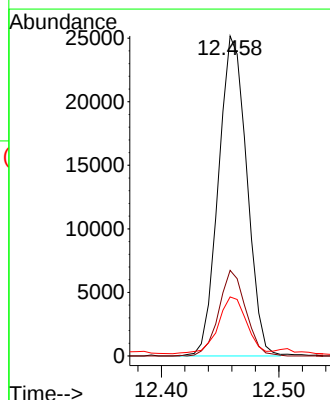
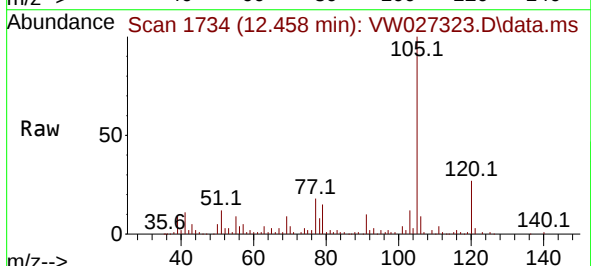
Tgt Ion:105 Resp: 42184

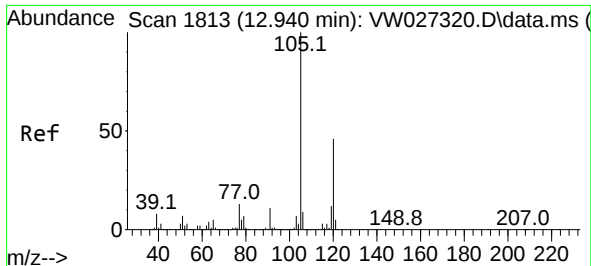
Ion Ratio Lower Upper

105 100

120 25.4 20.1 30.1

77 17.7 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 2.026 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027323.D

Acq: 18 Oct 2023 12:25

Instrument :

MSVOA_W

ClientSampleId :

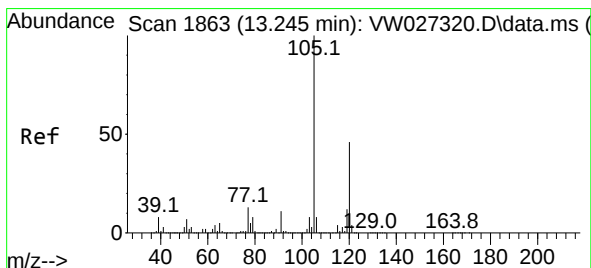
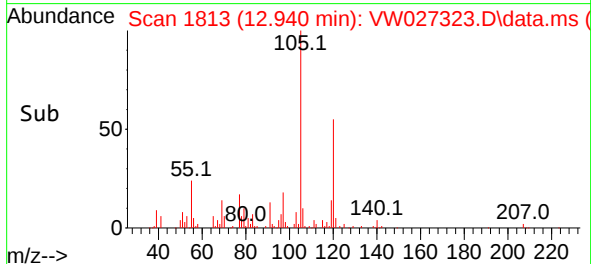
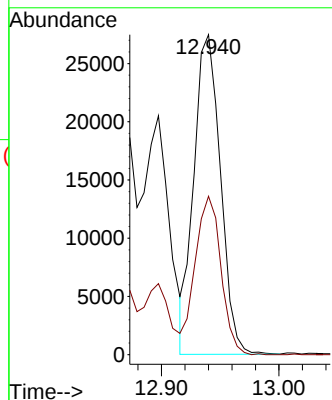
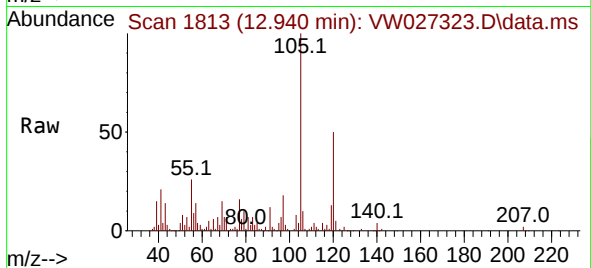
EOAQ3

Tgt Ion:105 Resp: 43148

Ion Ratio Lower Upper

105 100

120 48.1 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 5.178 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027323.D

Acq: 18 Oct 2023 12:25

Tgt Ion:105 Resp: 107884

Ion Ratio Lower Upper

105 100

120 44.8 35.4 53.2

