

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027392.D
 Acq On : 23 Oct 2023 14:00
 Operator : SY/MD
 Sample : 04948-17
 Misc : 5.34g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:50:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

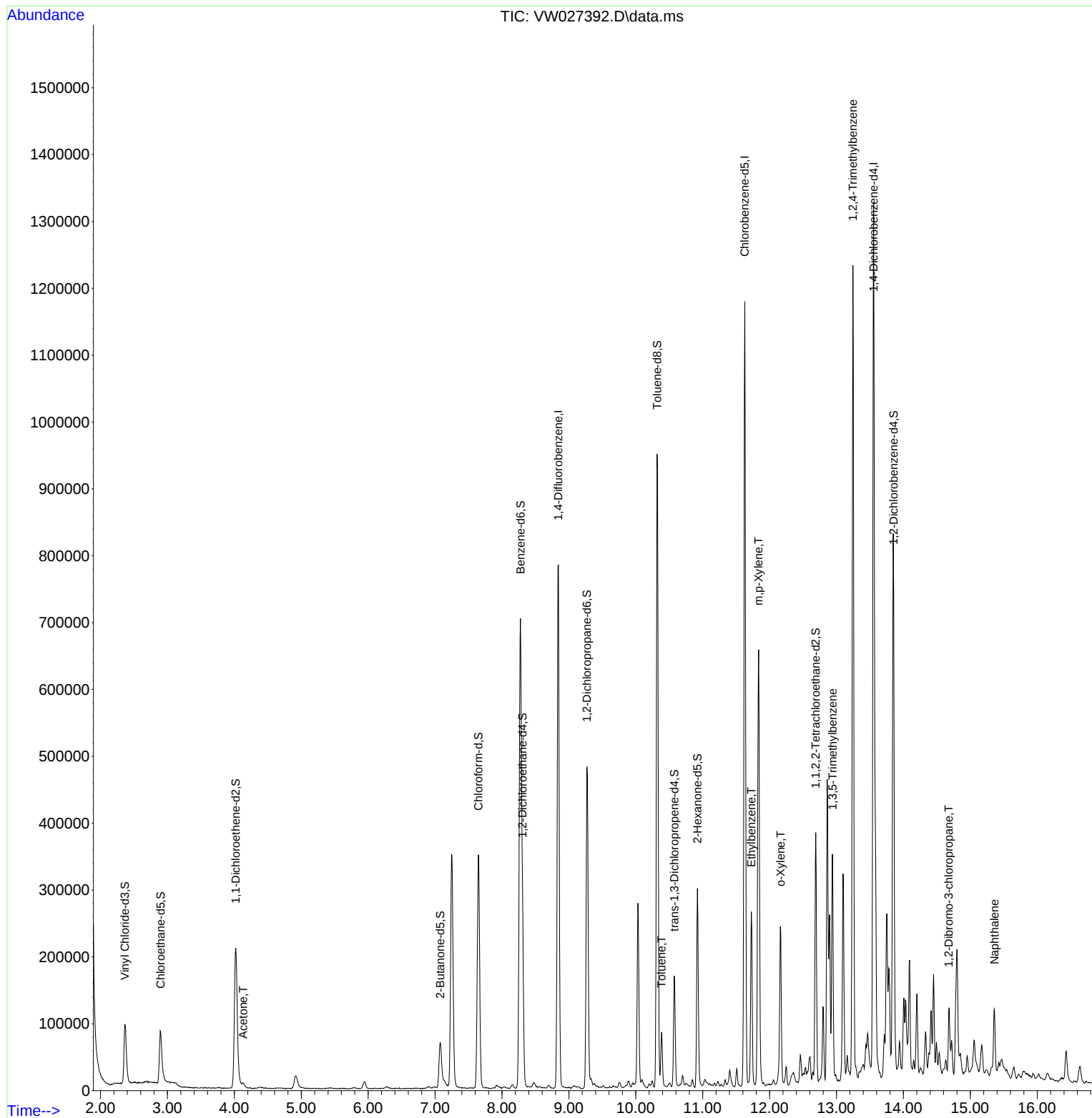
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	637362	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	605104	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319176	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	142888	14.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.760%
7) Chloroethane-d5	2.899	69	114993	16.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.840%
11) 1,1-Dichloroethene-d2	4.021	65	78329	16.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.280%
21) 2-Butanone-d5	7.075	46	125535	38.828	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.660%
24) Chloroform-d	7.648	84	355741	18.727	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.920%
26) 1,2-Dichloroethane-d4	8.307	65	197546	19.359	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.440%
32) Benzene-d6	8.276	84	718971	17.562	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.240%
36) 1,2-Dichloropropane-d6	9.270	67	233887	18.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.800%
41) Toluene-d8	10.319	98	624442	16.820	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.280%
43) trans-1,3-Dichloroprop...	10.575	79	91335	16.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.080%
47) 2-Hexanone-d5	10.922	63	98625	38.121	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	183717	19.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.760%
66) 1,2-Dichlorobenzene-d4	13.855	152	202411	17.500	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.000%#
Target Compounds	Qvalue					
13) Acetone	4.131	43	10695	3.830	ug/L	94
42) Toluene	10.386	91	57898	1.396	ug/L	96
52) Ethylbenzene	11.727	91	178925	3.712	ug/L	94
53) m,p-Xylene	11.837	106	203711	11.141	ug/L	99
54) o-Xylene	12.166	106	61727	3.525	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	169182	4.045	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	650726	15.902	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.678	75	1759	1.010	ug/L #	12
71) Naphthalene	15.360	128	82466	3.569	ug/L	99

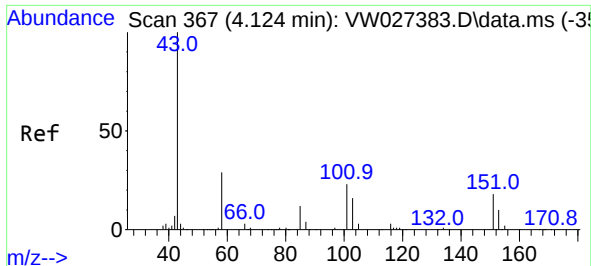
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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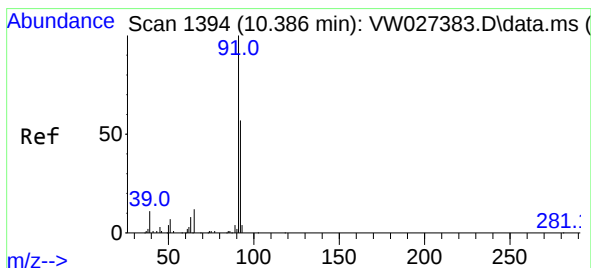
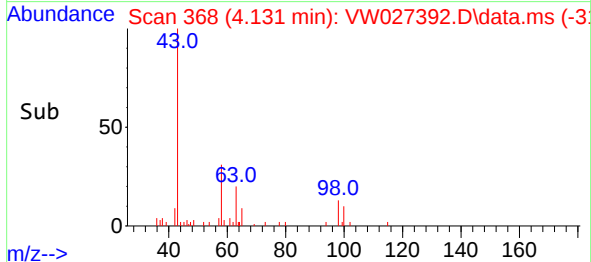
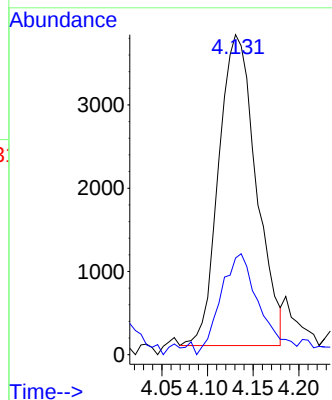
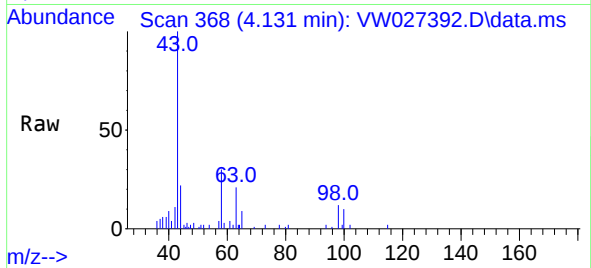




#13
Acetone
Concen: 3.830 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.013 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

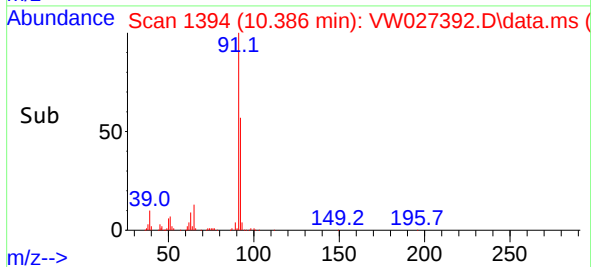
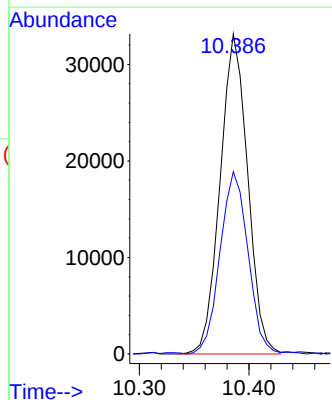
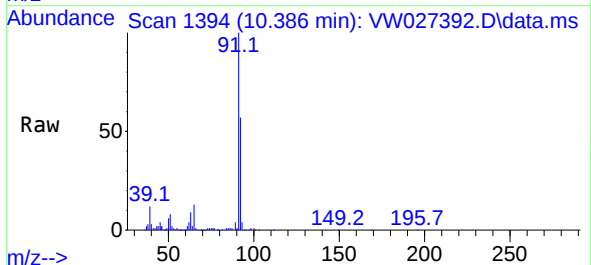
Instrument :
MSVOA_W
ClientSampleId :

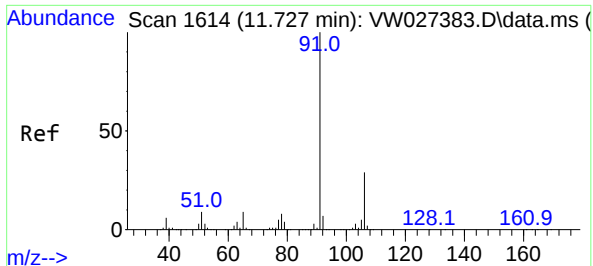
Tgt Ion: 43 Resp: 10695
Ion Ratio Lower Upper
43 100
58 33.6 0.0 60.8



#42
Toluene
Concen: 1.396 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

Tgt Ion: 91 Resp: 57898
Ion Ratio Lower Upper
91 100
92 56.9 42.1 78.1

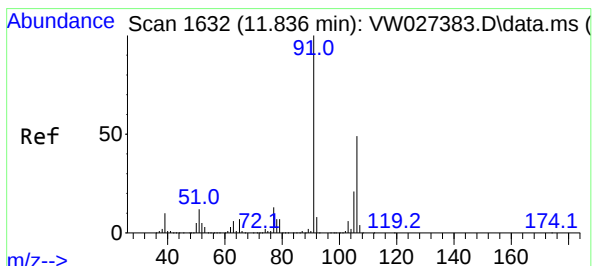
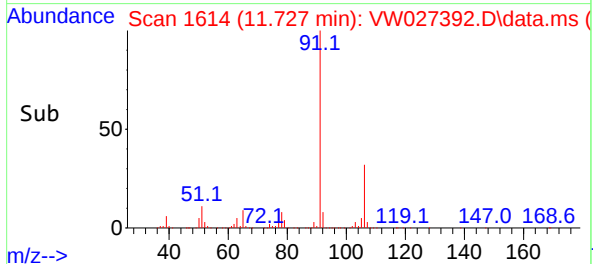
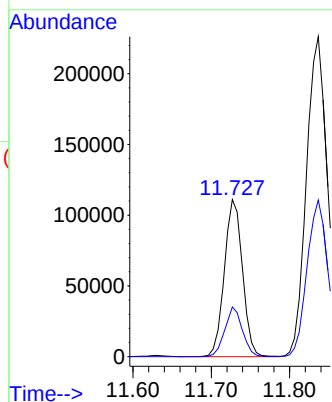
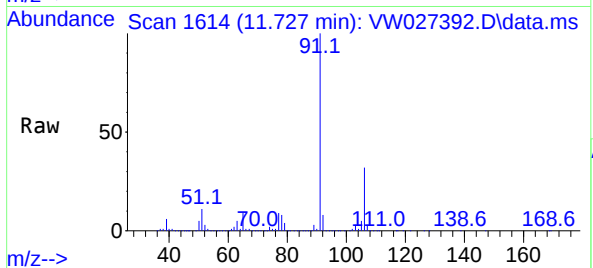




#52
Ethylbenzene
Concen: 3.712 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

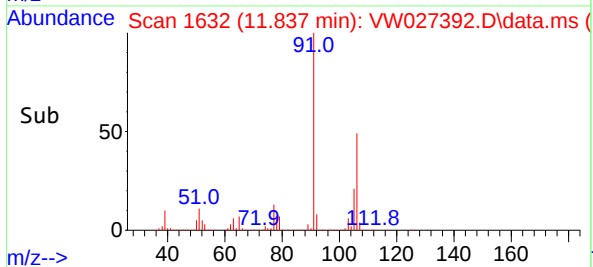
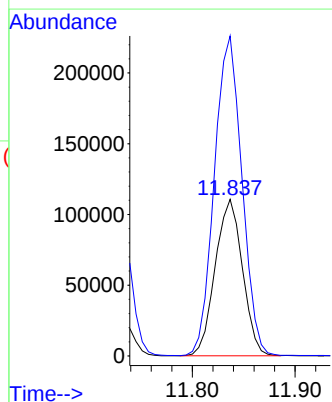
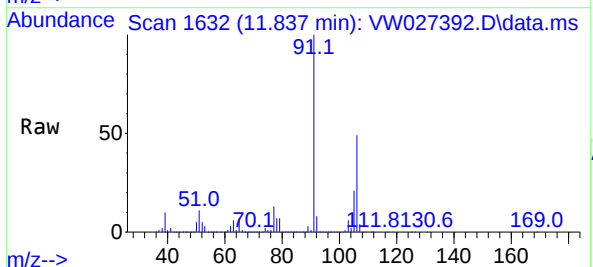
Instrument :
MSVOA_W
ClientSampleId :

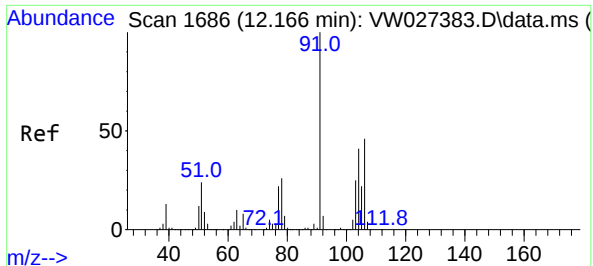
Tgt Ion: 91 Resp: 178925
Ion Ratio Lower Upper
91 100
106 31.6 19.8 36.8



#53
m,p-Xylene
Concen: 11.141 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

Tgt Ion:106 Resp: 203711
Ion Ratio Lower Upper
106 100
91 204.3 144.5 268.4

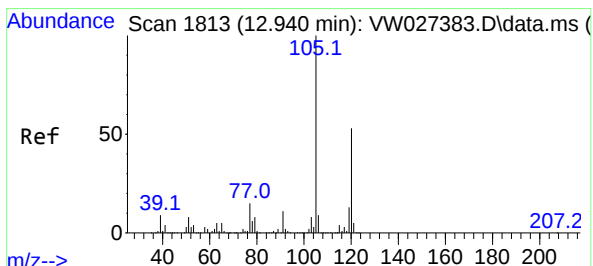
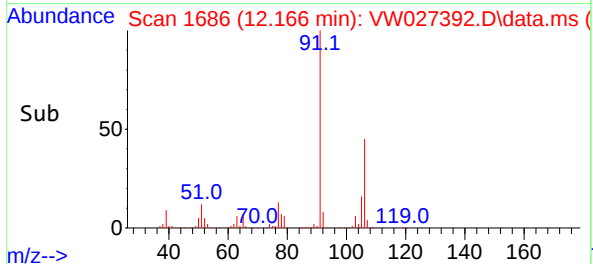
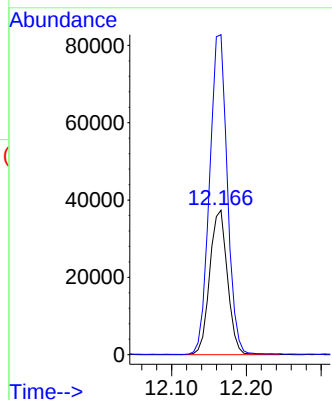
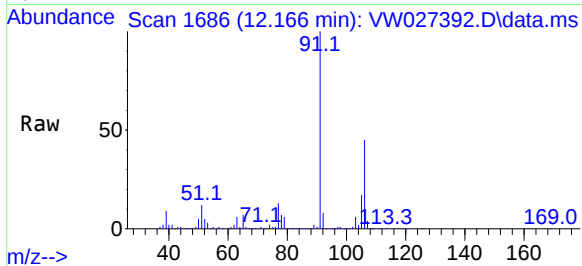




#54
o-Xylene
Concen: 3.525 ug/L
RT: 12.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

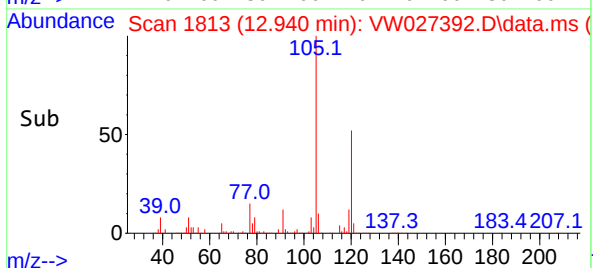
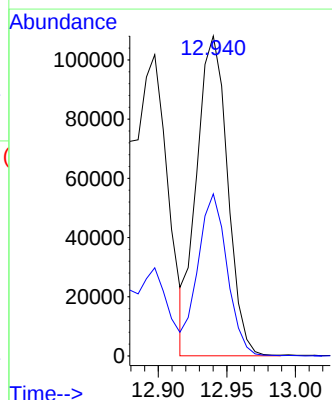
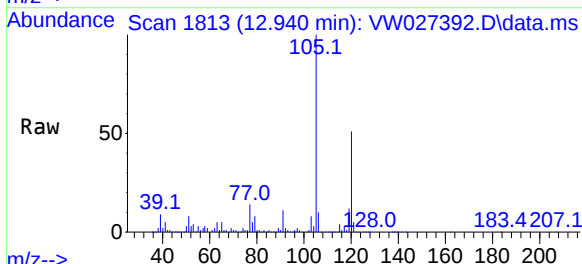
Instrument :
MSVOA_W
ClientSampleId :

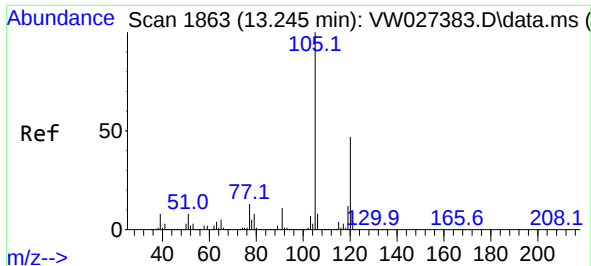
Tgt Ion:106 Resp: 61727
Ion Ratio Lower Upper
106 100
91 221.5 152.0 282.2



#62
1,3,5-Trimethylbenzene
Concen: 4.045 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

Tgt Ion:105 Resp: 169182
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2

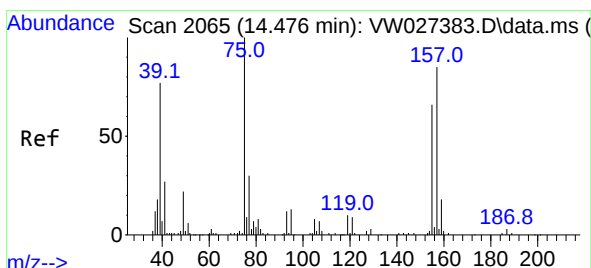
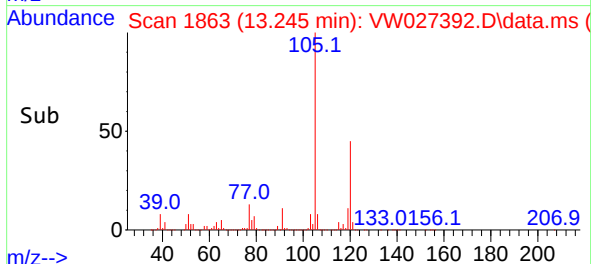
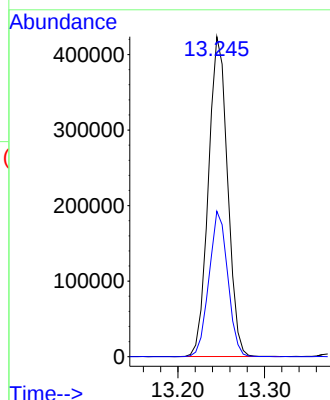
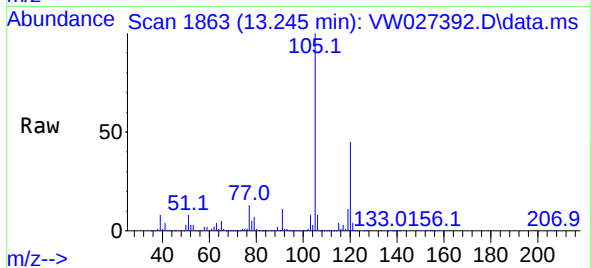




#63
1,2,4-Trimethylbenzene
Concen: 15.902 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

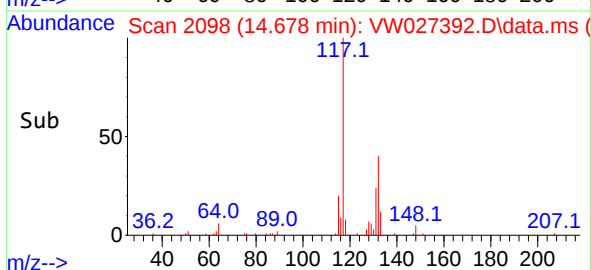
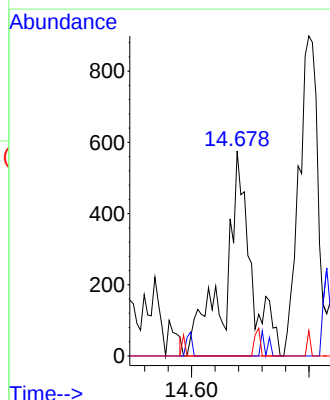
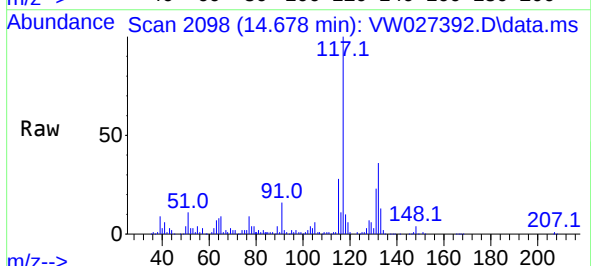
Instrument :
MSVOA_W
ClientSampleId :

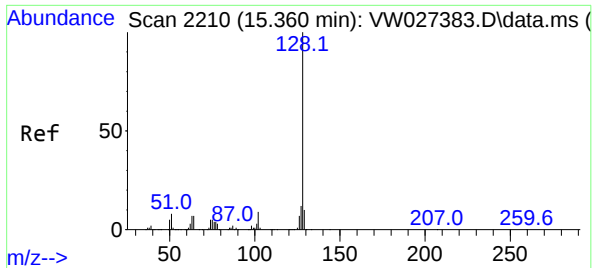
Tgt Ion:105 Resp: 650726
Ion Ratio Lower Upper
105 100
120 44.4 35.4 53.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.010 ug/L
RT: 14.678 min Scan# 2098
Delta R.T. 0.196 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

Tgt Ion: 75 Resp: 1759
Ion Ratio Lower Upper
75 100
155 0.0 54.9 82.3#
157 0.0 64.7 97.1#





#71
Naphthalene
Concen: 3.569 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027392.D
Acq: 23 Oct 2023 14:00

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	82466
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.4	8.5	12.7

