

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100722\
 Data File : VW024795.D
 Acq On : 07 Oct 2022 18:53
 Operator : SY/VA
 Sample : N5049-04
 Misc : 5.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BG6

Quant Time: Oct 07 23:20:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

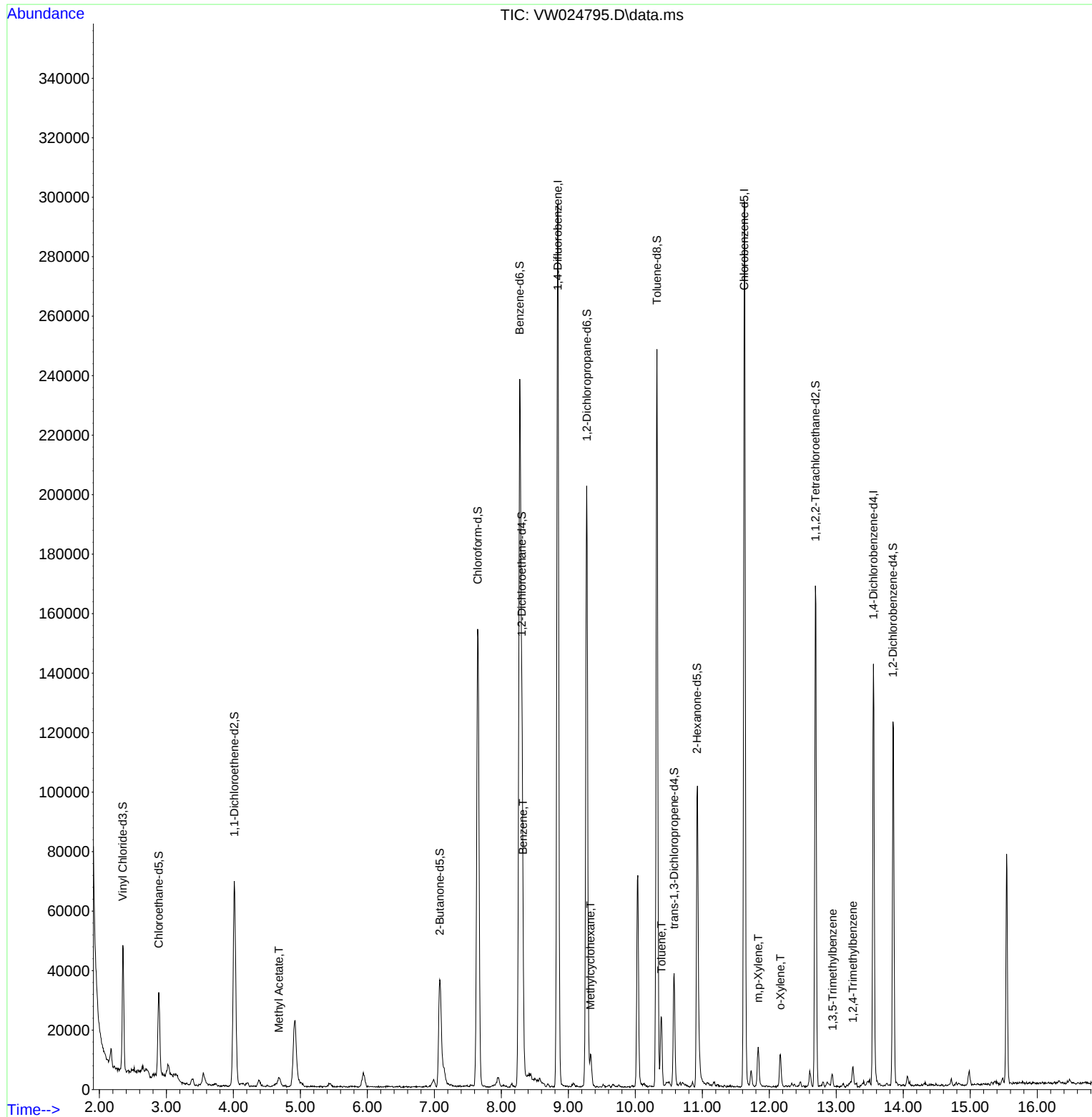
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	241679	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	162876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	36459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40774	16.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
7) Chloroethane-d5	2.885	69	29755	20.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	4.013	63	66674	11.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.560%
21) 2-Butanone-d5	7.080	46	62699	68.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.940%#
24) Chloroform-d	7.647	84	159712	24.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.305	65	84443	25.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.760%
32) Benzene-d6	8.275	84	242860	23.328	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.320%
36) 1,2-Dichloropropane-d6	9.275	67	98664	31.019	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.080%#
41) Toluene-d8	10.323	98	161095	17.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.240%
43) trans-1,3-Dichloroprop...	10.579	79	21972	15.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.040%
47) 2-Hexanone-d5	10.921	63	36136	66.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.800%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	88502	39.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.200%#
66) 1,2-Dichlorobenzene-d4	13.847	152	29347	22.875	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.480%
Target Compounds						Qvalue
15) Methyl Acetate	4.678	43	5650	3.847	ug/L	# 70
33) Benzene	8.324	78	6423	0.563	ug/L	100
35) Methylcyclohexane	9.329	83	3761	0.710	ug/L	93
42) Toluene	10.390	91	16911	1.437	ug/L	99
53) m,p-Xylene	11.835	106	3844	0.759	ug/L	94
54) o-Xylene	12.164	106	2929	0.613	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	2058	0.398	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	3920	0.775	ug/L	97

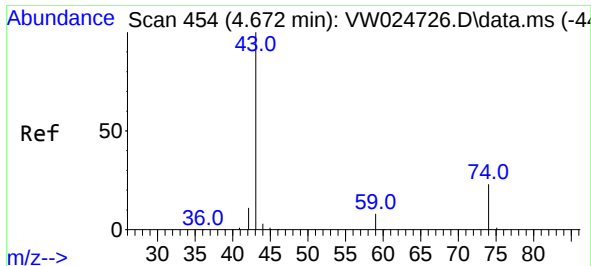
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

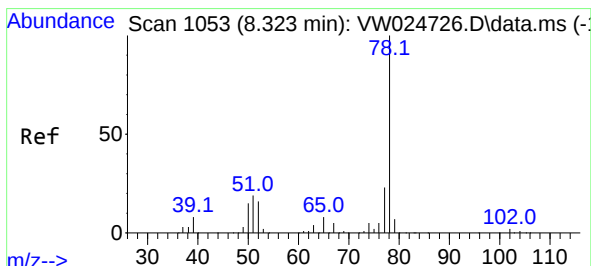
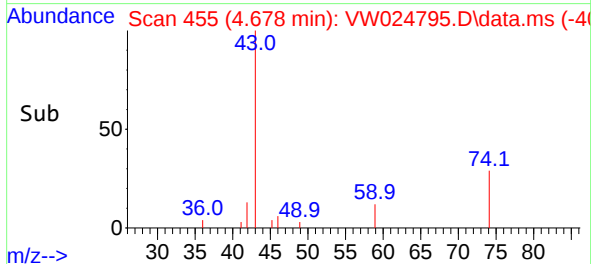
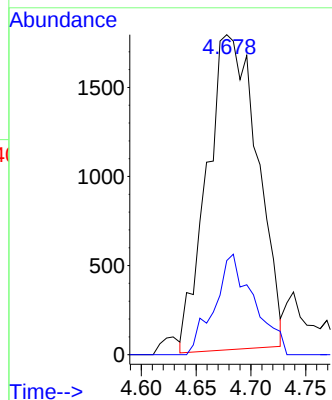
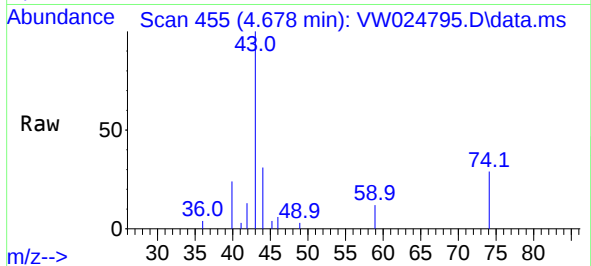




#15
Methyl Acetate
Concen: 3.847 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW024795.D
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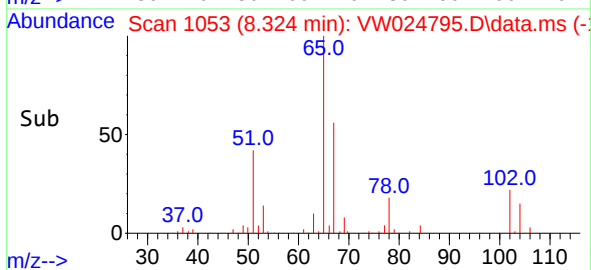
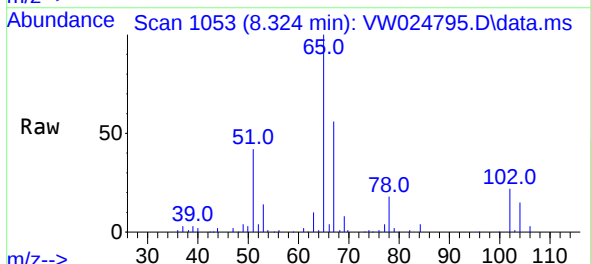
Instrument :
MSVOA_W
ClientSampleId :
C0BG6

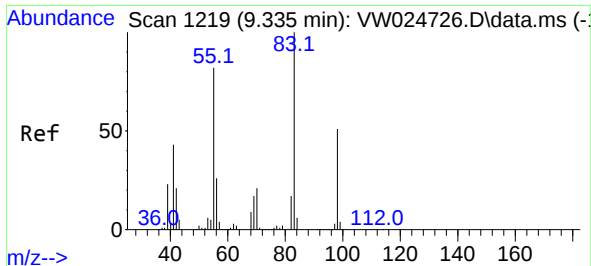
Tgt Ion: 43 Resp: 5650
Ion Ratio Lower Upper
43 100
74 8.1 18.1 27.1#



#33
Benzene
Concen: 0.563 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

Tgt Ion: 78 Resp: 6423

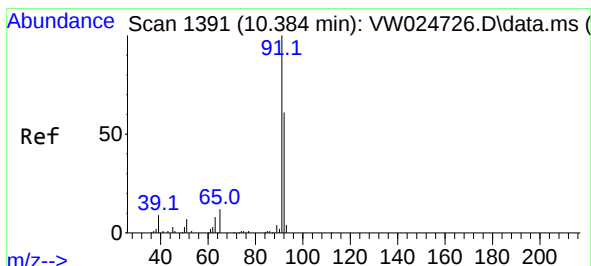
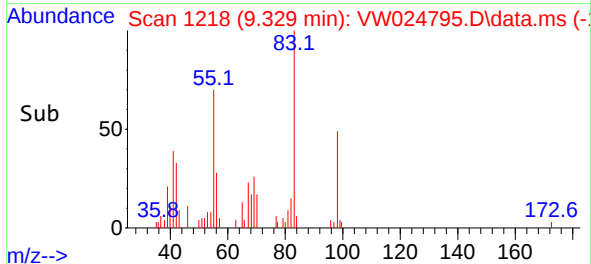
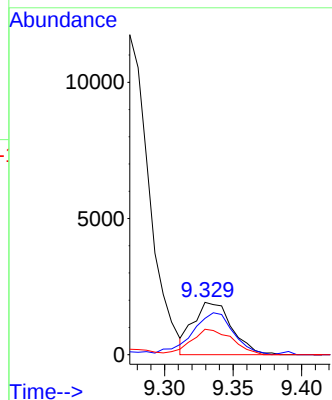
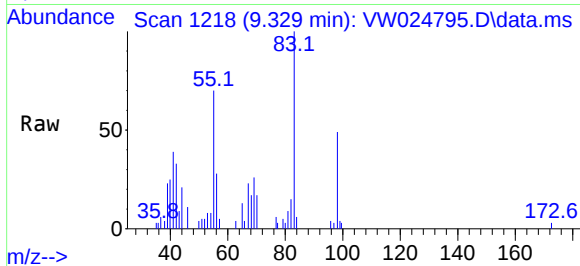




#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 9.329 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

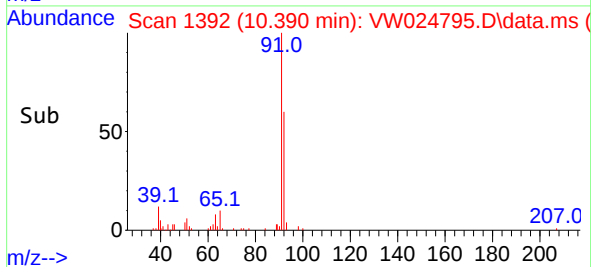
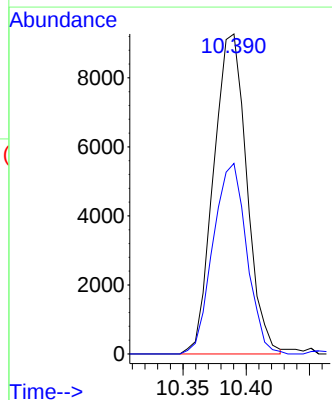
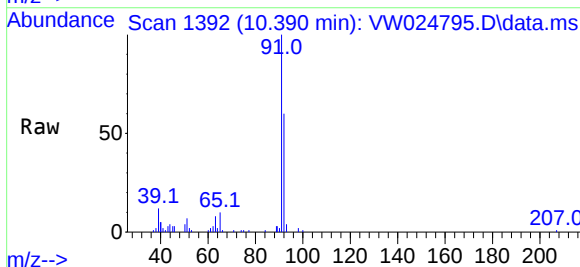
Instrument :
MSVOA_W
ClientSampleId :
C0BG6

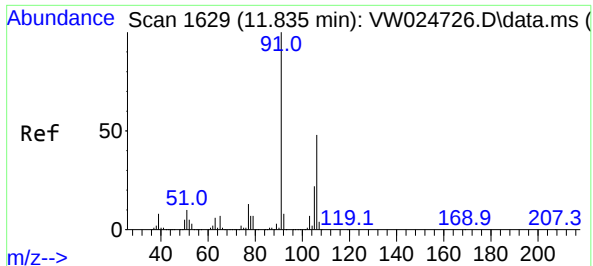
Tgt Ion: 83 Resp: 3761
Ion Ratio Lower Upper
83 100
55 86.0 63.1 94.7
98 51.7 38.3 57.5



#42
Toluene
Concen: 1.437 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

Tgt Ion: 91 Resp: 16911
Ion Ratio Lower Upper
91 100
92 59.5 41.0 76.2

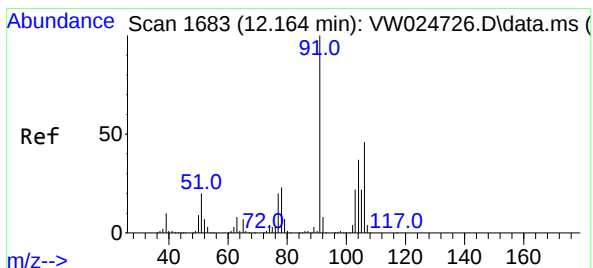
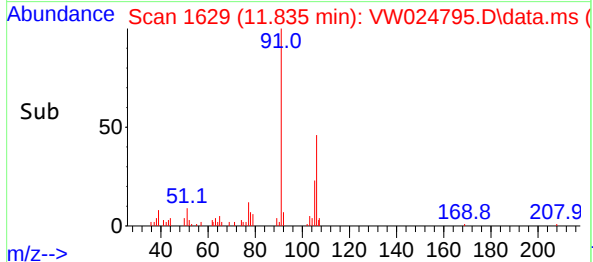
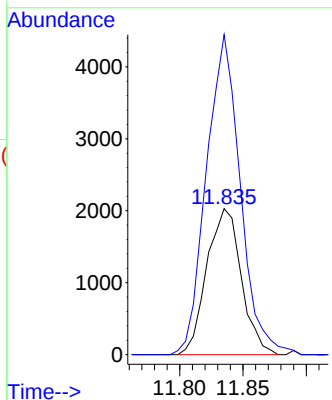
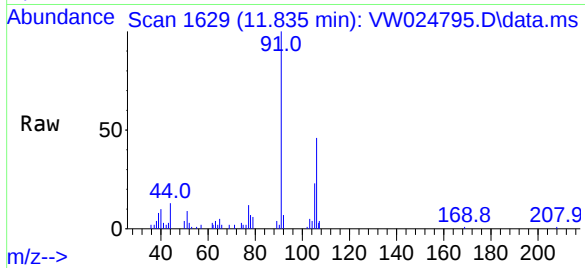




#53
m,p-Xylene
Concen: 0.759 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

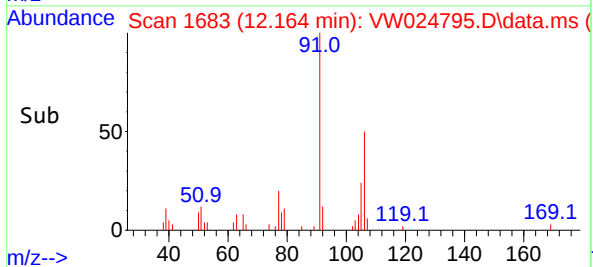
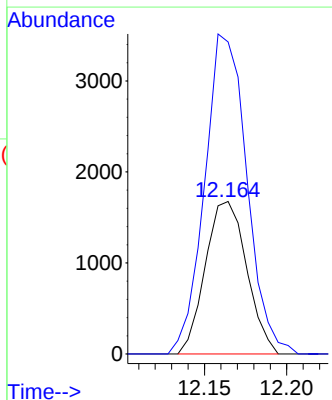
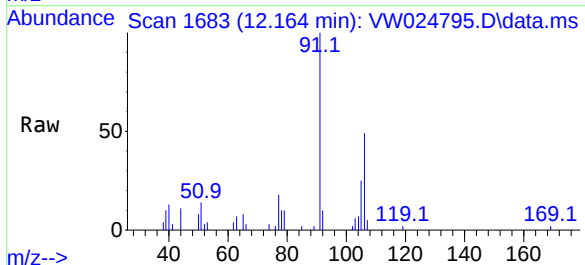
Instrument :
MSVOA_W
ClientSampleId :
C0BG6

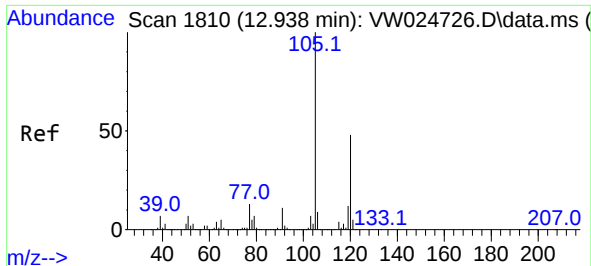
Tgt Ion:106 Resp: 3844
Ion Ratio Lower Upper
106 100
91 219.0 146.8 272.6



#54
o-Xylene
Concen: 0.613 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

Tgt Ion:106 Resp: 2929
Ion Ratio Lower Upper
106 100
91 204.7 146.3 271.7

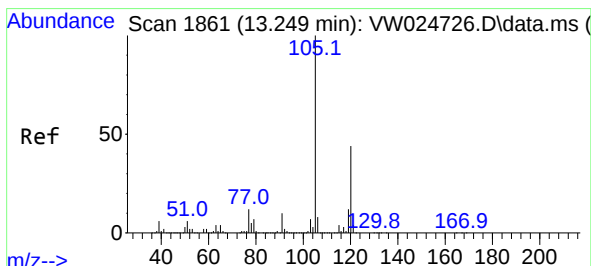
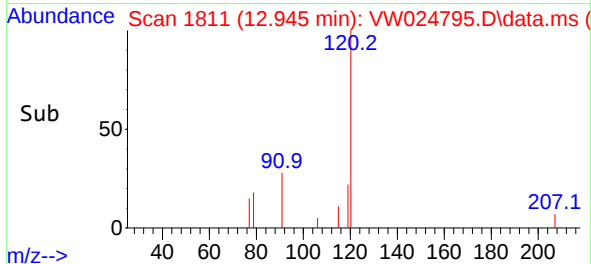
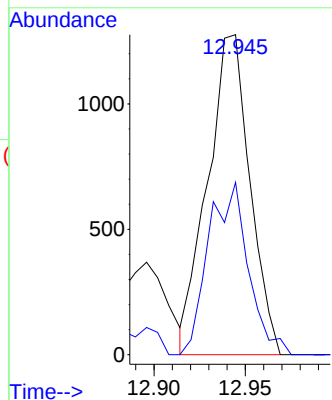
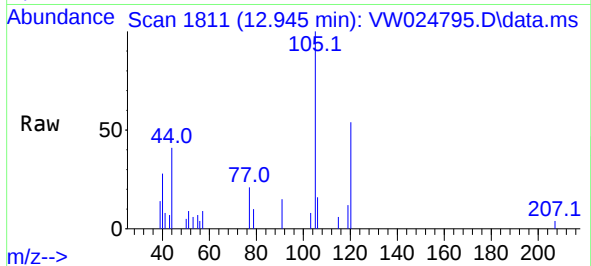




#62
1,3,5-Trimethylbenzene
Concen: 0.398 ug/L
RT: 12.945 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

Instrument :
MSVOA_W
ClientSampleId :
C0BG6

Tgt Ion:105 Resp: 2058
Ion Ratio Lower Upper
105 100
120 50.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.775 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024795.D
Acq: 07 Oct 2022 18:53

Tgt Ion:105 Resp: 3920
Ion Ratio Lower Upper
105 100
120 46.0 35.2 52.8

