

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081224\
 Data File : VW029892.D
 Acq On : 12 Aug 2024 15:12
 Operator : SY/MD
 Sample : P3481-07
 Misc : 5.38g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE9

Quant Time: Aug 13 01:28:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 13 01:26:37 2024
 Response via : Initial Calibration

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

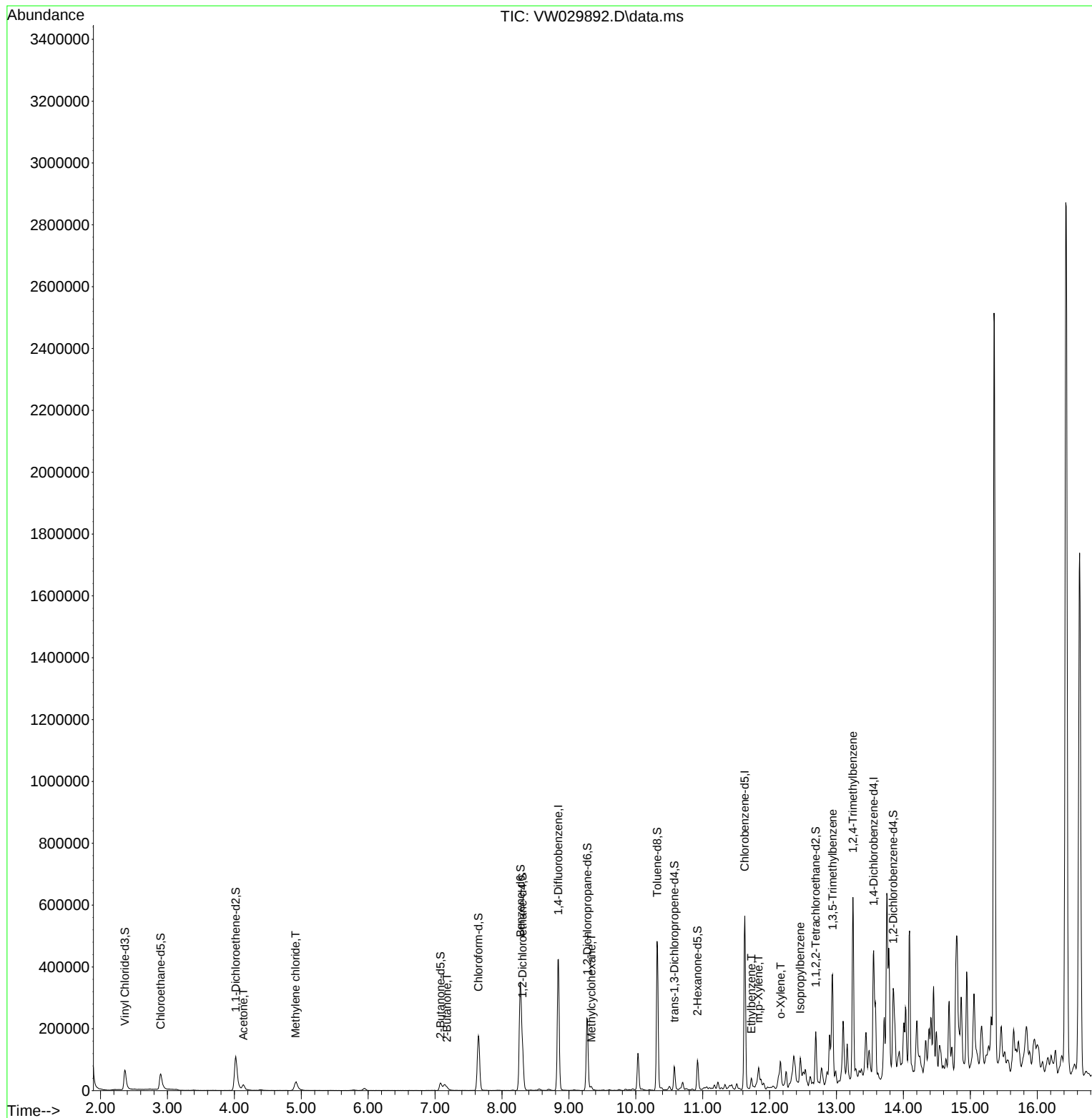
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343771	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298358	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	103185	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98850	20.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.000%
7) Chloroethane-d5	2.899	69	80992	23.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.021	65	41289	18.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.120%
21) 2-Butanone-d5	7.081	46	39791	29.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.500%
24) Chloroform-d	7.648	84	180461	20.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.307	65	101491	20.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	345465	21.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.276	67	105582	20.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.040%
41) Toluene-d8	10.319	98	303104	21.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.575	79	39591	19.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.922	63	29071	34.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76308	19.965	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	69094	21.565	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.280%
Target Compounds						Qvalue
13) Acetone	4.137	43	28491	17.139	ug/L	94
16) Methylene chloride	4.917	84	24666	3.432	ug/L	86
22) 2-Butanone	7.179	43	13186	6.191	ug/L	85
35) Methylcyclohexane	9.337	83	4044	0.453	ug/L	95
52) Ethylbenzene	11.727	91	20324	0.863	ug/L	94
53) m,p-Xylene	11.837	106	14664	1.694	ug/L	94
54) o-Xylene	12.166	106	19605	2.459	ug/L	97
60) Isopropylbenzene	12.459	105	45284	2.836	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	143828	12.119	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	307829	24.253	ug/L	98

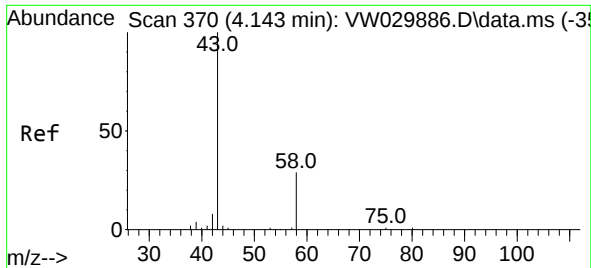
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 13 01:26:37 2024
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#13

Acetone

Concen: 17.139 ug/L

RT: 4.137 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029892.D

Acq: 12 Aug 2024 15:12

Instrument :

MSVOA_W

ClientSampleId :

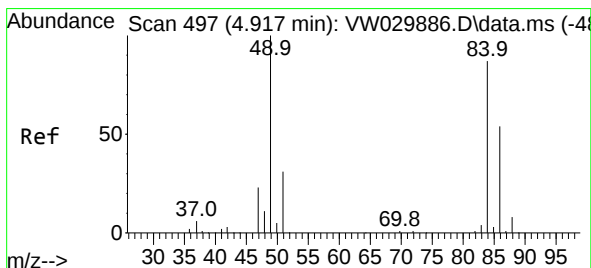
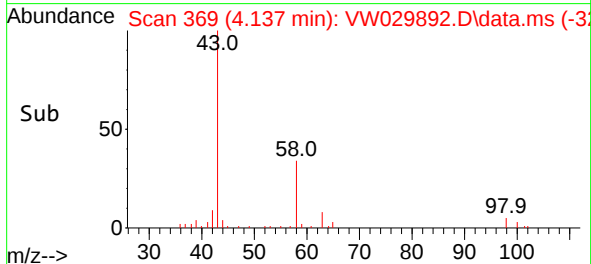
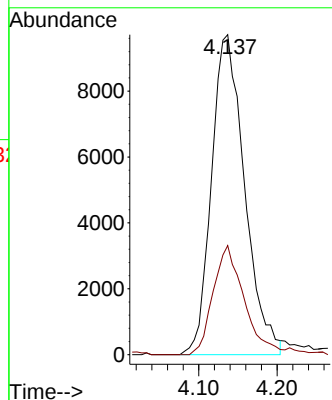
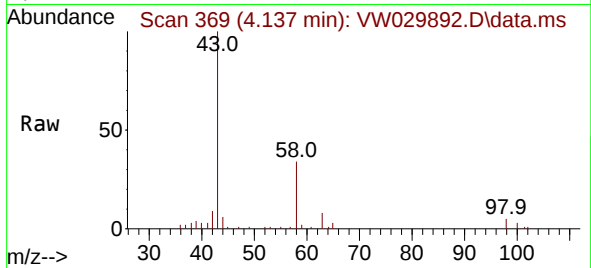
E0AE9

Tgt Ion: 43 Resp: 28491

Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.6



#16

Methylene chloride

Concen: 3.432 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW029892.D

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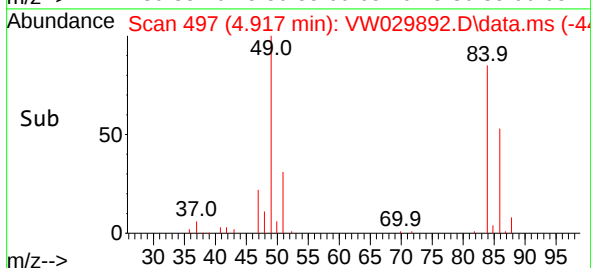
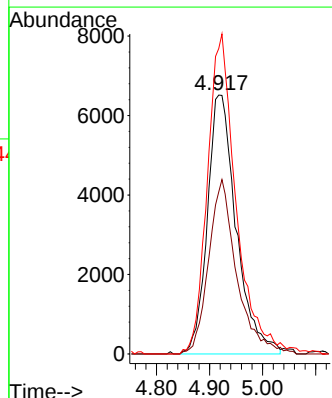
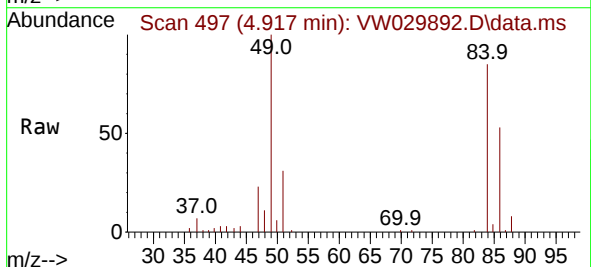
Tgt Ion: 84 Resp: 24666

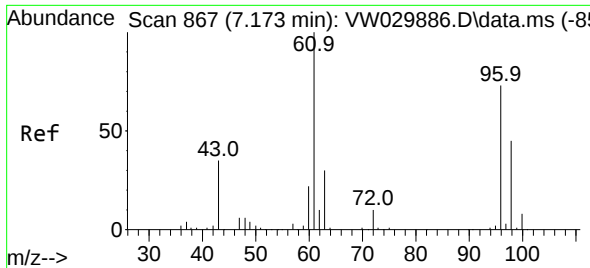
Ion Ratio Lower Upper

84 100

86 62.6 44.7 82.9

49 118.0 99.0 184.0

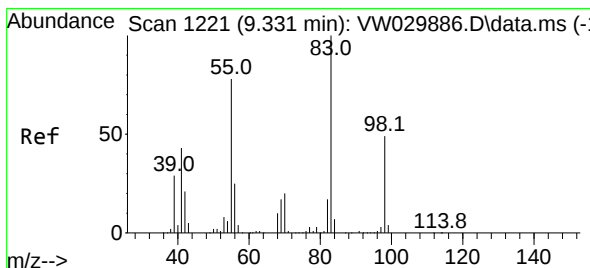
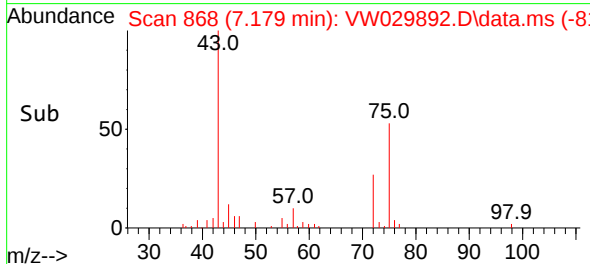
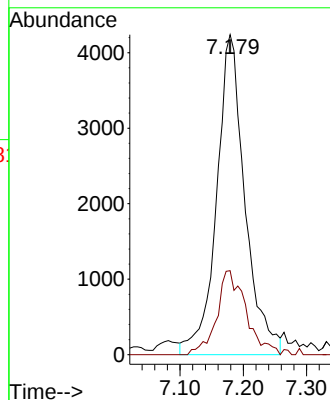
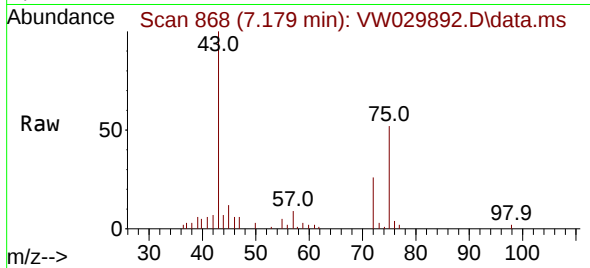




#22
2-Butanone
Concen: 6.191 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

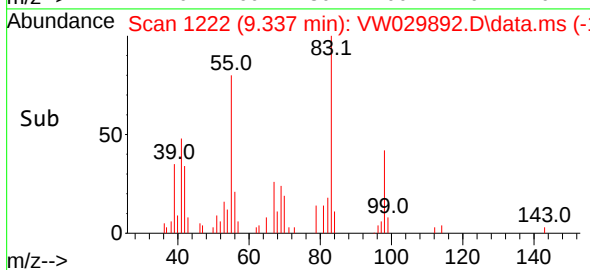
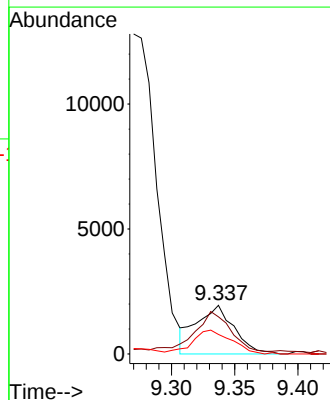
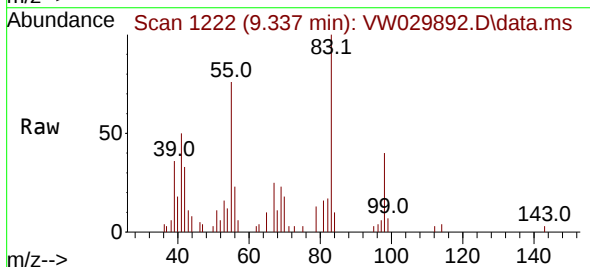
Instrument :
MSVOA_W
ClientSampleId :
E0AE9

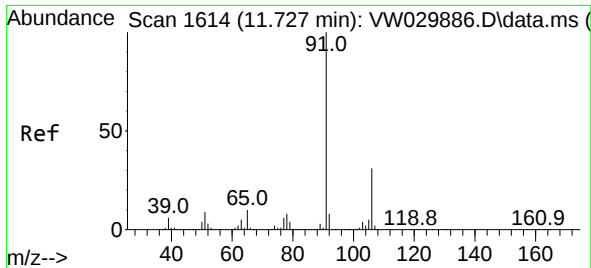
Tgt Ion: 43 Resp: 13186
Ion Ratio Lower Upper
43 100
72 16.1 11.7 35.1



#35
Methylcyclohexane
Concen: 0.453 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion: 83 Resp: 4044
Ion Ratio Lower Upper
83 100
55 81.1 67.4 101.2
98 50.2 36.7 55.1

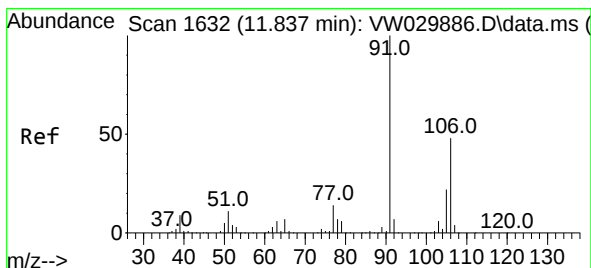
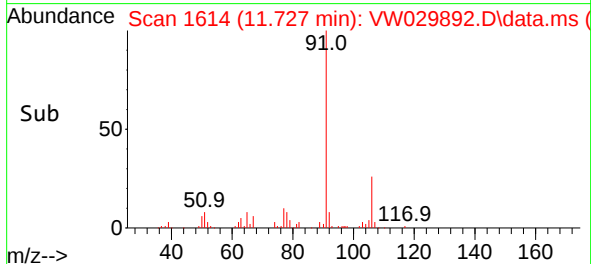
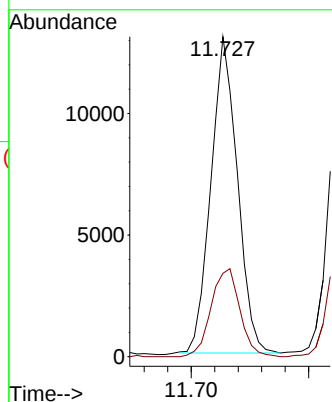
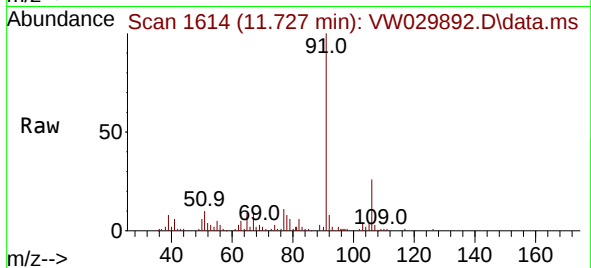




#52
Ethylbenzene
Concen: 0.863 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

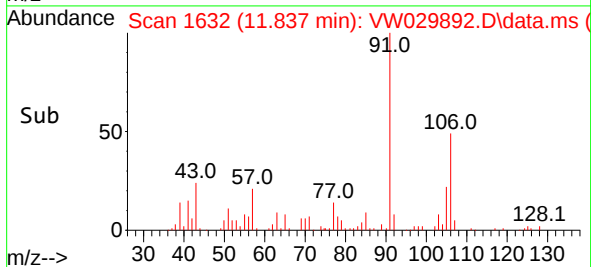
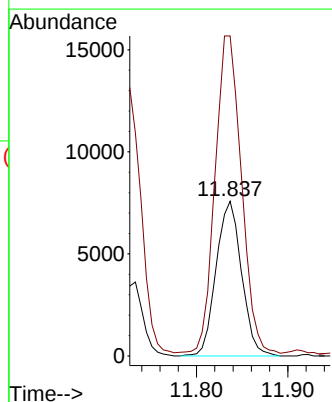
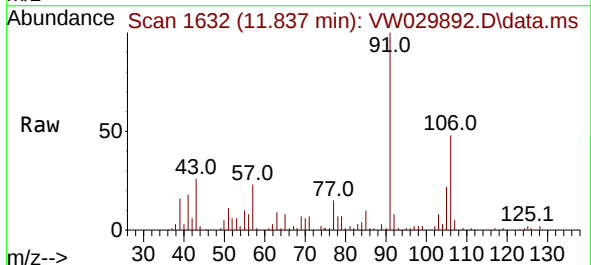
Instrument :
MSVOA_W
ClientSampleId :
E0AE9

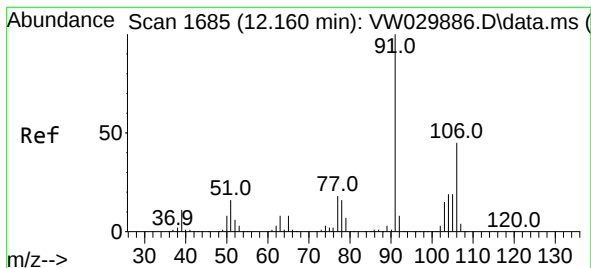
Tgt Ion: 91 Resp: 20324
Ion Ratio Lower Upper
91 100
106 26.0 20.4 38.0



#53
m,p-Xylene
Concen: 1.694 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion: 106 Resp: 14664
Ion Ratio Lower Upper
106 100
91 206.9 151.4 281.2

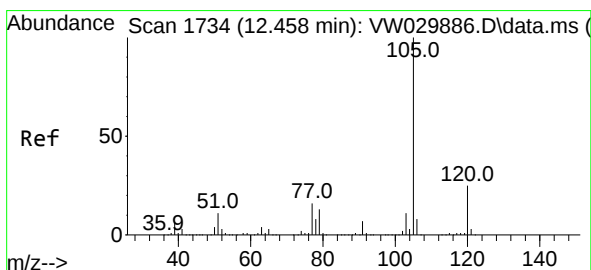
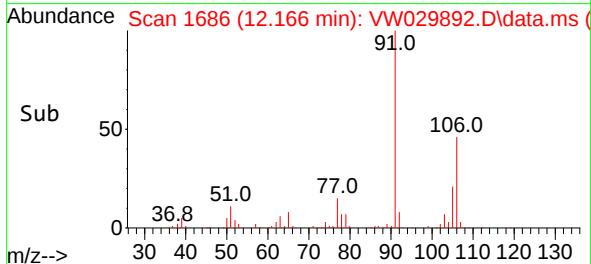
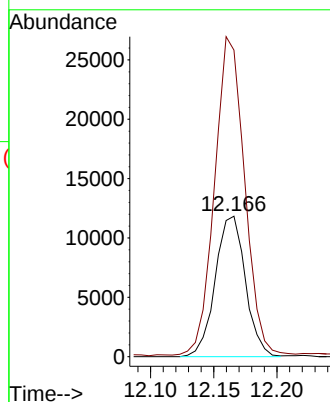
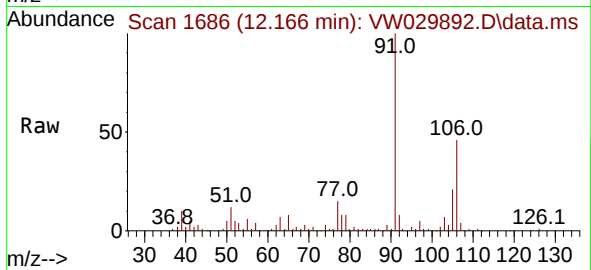




#54
o-Xylene
Concen: 2.459 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

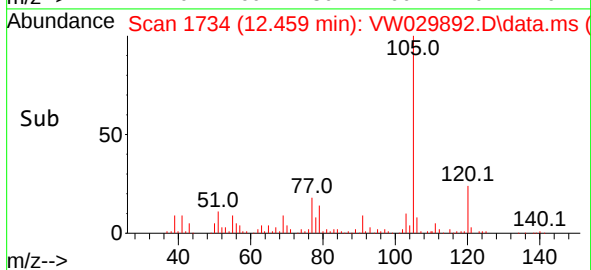
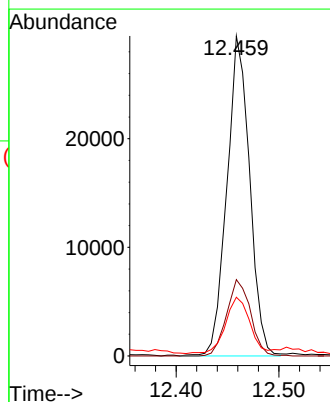
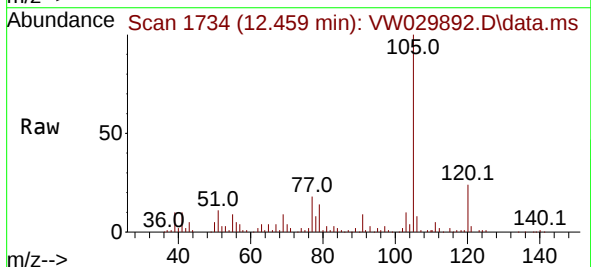
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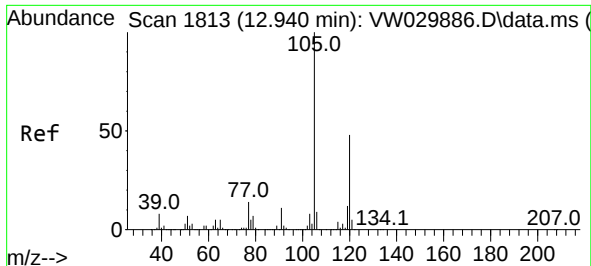
Tgt Ion:106 Resp: 19605
Ion Ratio Lower Upper
106 100
91 218.3 155.8 289.4



#60
Isopropylbenzene
Concen: 2.836 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion:105 Resp: 45284
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5
77 18.7 14.0 21.0

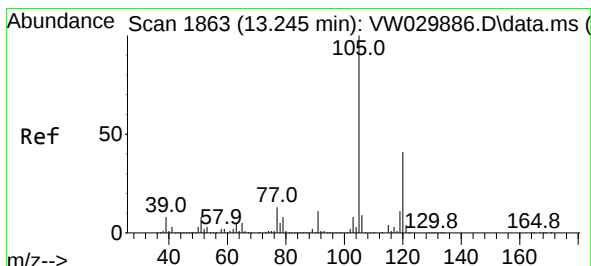
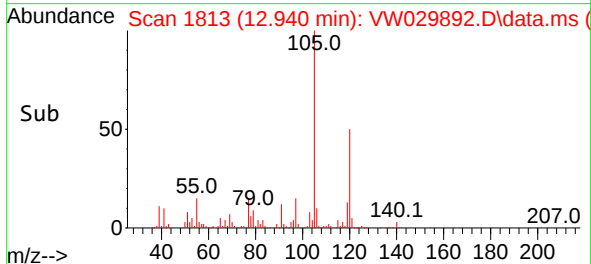
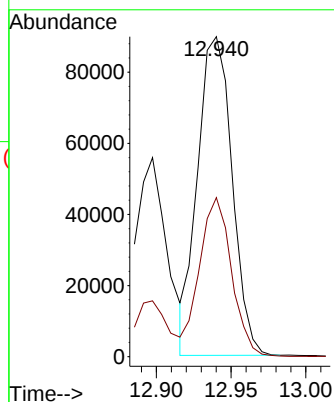
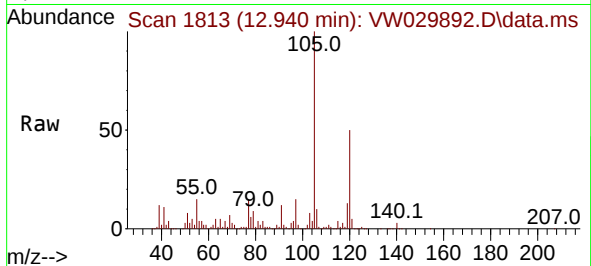




#62
1,3,5-Trimethylbenzene
Concen: 12.119 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Instrument :
MSVOA_W
ClientSampleId :
E0AE9

Tgt Ion:105 Resp: 143828
Ion Ratio Lower Upper
105 100
120 46.4 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 24.253 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029892.D
Acq: 12 Aug 2024 15:12

Tgt Ion:105 Resp: 307829
Ion Ratio Lower Upper
105 100
120 45.4 35.4 53.0

