

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042722\
 Data File : VW022654.D
 Acq On : 27 Apr 2022 19:56
 Operator : SY/VA
 Sample : N2562-11RE
 Misc : 6.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW472RE

Quant Time: Apr 28 01:15:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 28 01:10:03 2022
 Response via : Initial Calibration

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

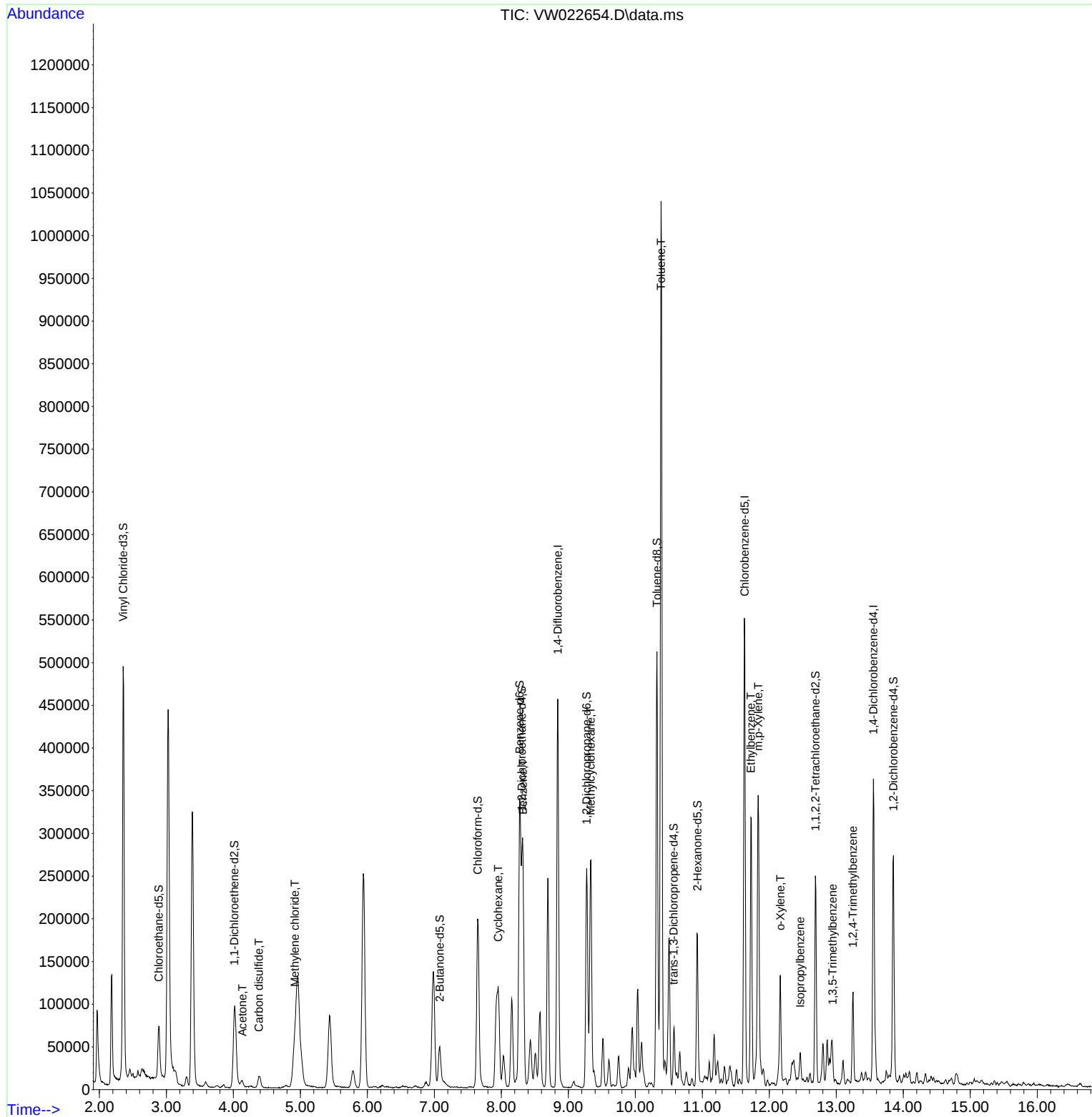
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	376179	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	301188	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	84955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	83977	10.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.400%
7) Chloroethane-d5	2.885	69	72519	13.914	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
11) 1,1-Dichloroethene-d2	4.013	63	93583	8.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.720%#
21) 2-Butanone-d5	7.080	46	78268	53.908	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.820%
24) Chloroform-d	7.647	84	198852	16.912	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.640%
26) 1,2-Dichloroethane-d4	8.305	65	117169	17.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.760%#
32) Benzene-d6	8.275	84	347330	18.875	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.520%
36) 1,2-Dichloropropane-d6	9.274	67	112987	21.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.880%
41) Toluene-d8	10.323	98	286655	15.906	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.640%
43) trans-1,3-Dichloroprop...	10.573	79	36475	14.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.040%
47) 2-Hexanone-d5	10.927	63	59580	60.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.280%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	110967	24.507	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	64822	21.542	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.160%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	10924	11.051	ug/L	93
14) Carbon disulfide	4.379	76	29617	1.777	ug/L	99
16) Methylene chloride	4.916	84	35337	6.243	ug/L	81
29) Cyclohexane	7.952	56	69109	8.017	ug/L	94
33) Benzene	8.323	78	198163	9.691	ug/L	100
35) Methylcyclohexane	9.335	83	109766	11.174	ug/L	98
42) Toluene	10.384	91	740507	31.603	ug/L	94
52) Ethylbenzene	11.725	91	217481	8.280	ug/L	99
53) m,p-Xylene	11.835	106	93751	9.388	ug/L	93
54) o-Xylene	12.164	106	32439	3.399	ug/L	93
60) Isopropylbenzene	12.463	105	21425	1.518	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	15061	1.941	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	57897	4.906	ug/L	98

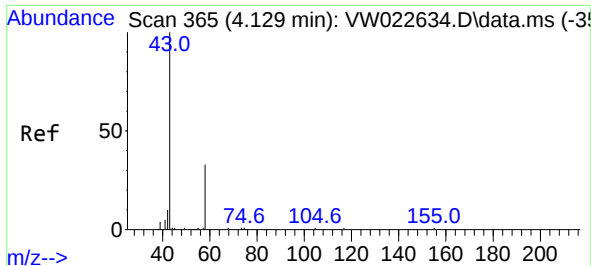
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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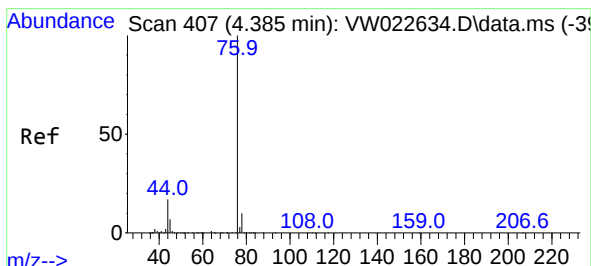
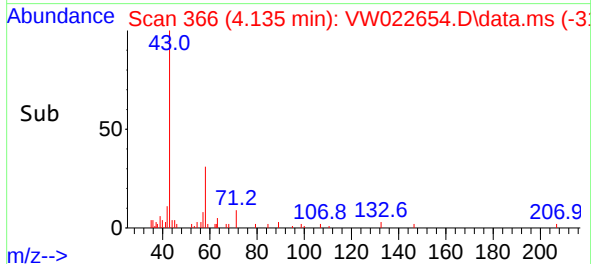
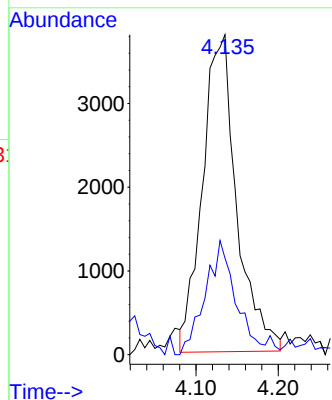
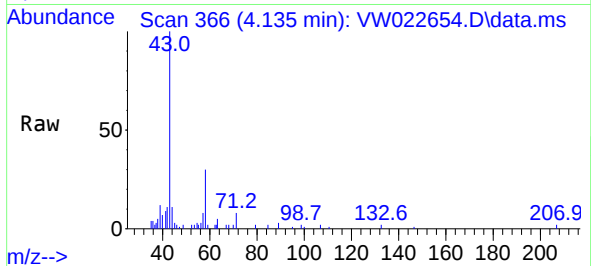




#13
Acetone
Concen: 11.051 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

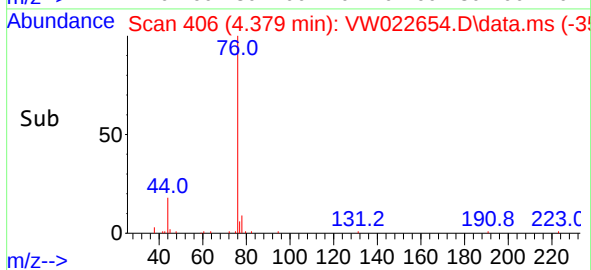
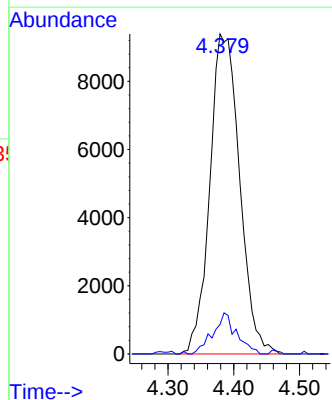
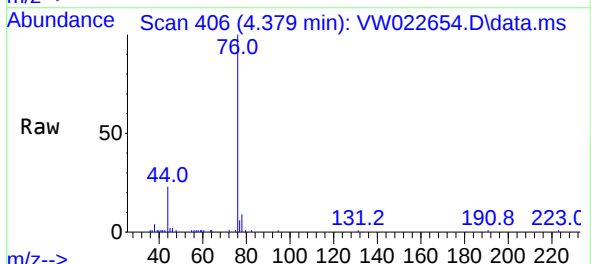
Instrument :
MSVOA_W
ClientSampleId :
EW472RE

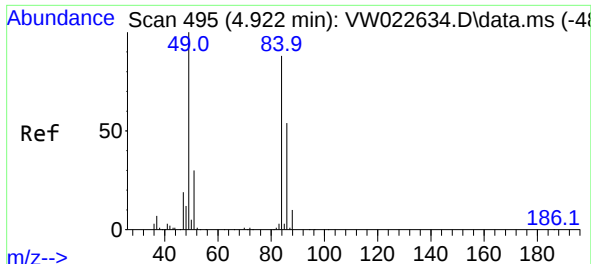
Tgt Ion: 43 Resp: 10924
Ion Ratio Lower Upper
43 100
58 32.4 0.0 57.0



#14
Carbon disulfide
Concen: 1.777 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 76 Resp: 29617
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



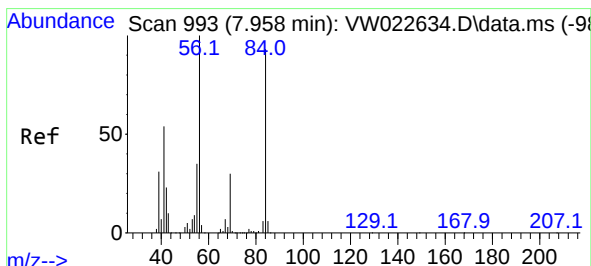
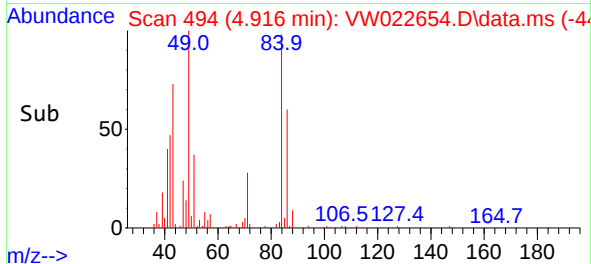
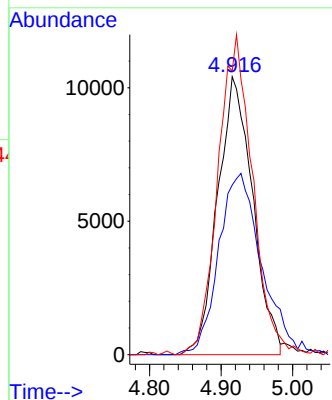
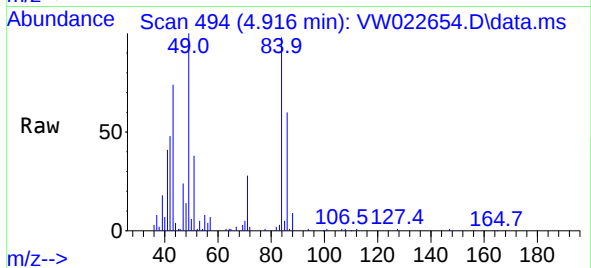


#16
Methylene chloride
Concen: 6.243 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Instrument :
MSVOA_W
ClientSampleId :
EW472RE

Tgt Ion: 84 Resp: 35337

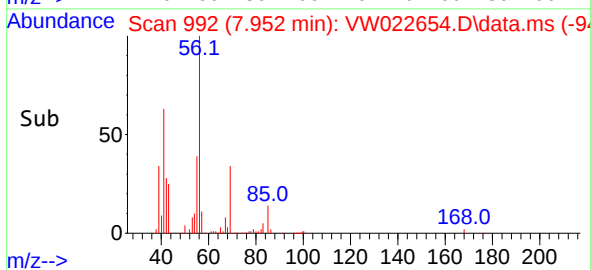
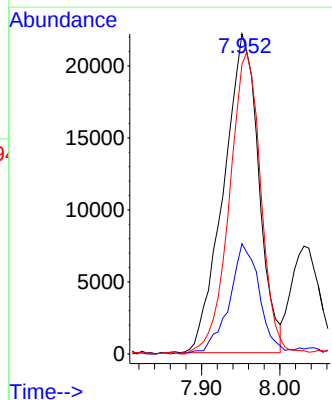
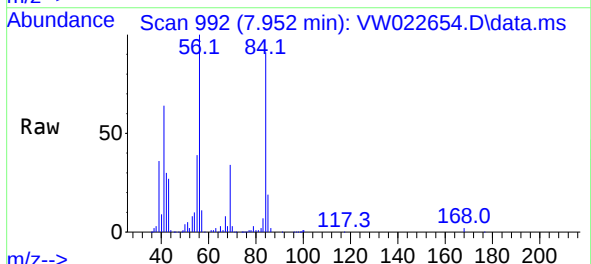
Ion	Ratio	Lower	Upper
84	100		
86	61.1	42.8	79.4
49	102.1	94.2	175.0

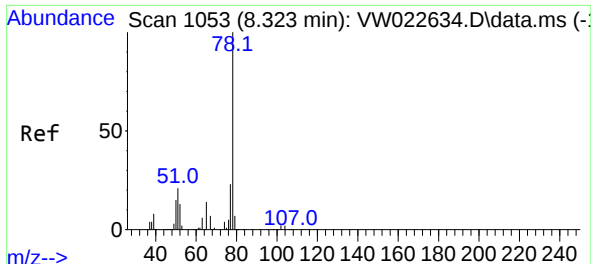


#29
Cyclohexane
Concen: 8.017 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 56 Resp: 69109

Ion	Ratio	Lower	Upper
56	100		
69	27.5	24.4	36.6
84	84.4	72.6	108.8

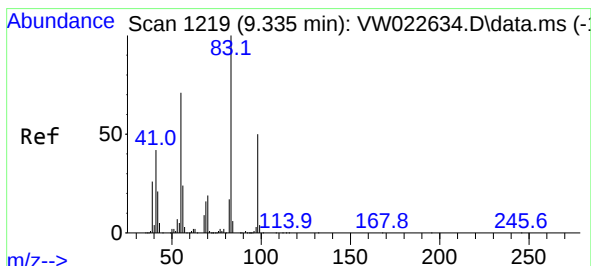
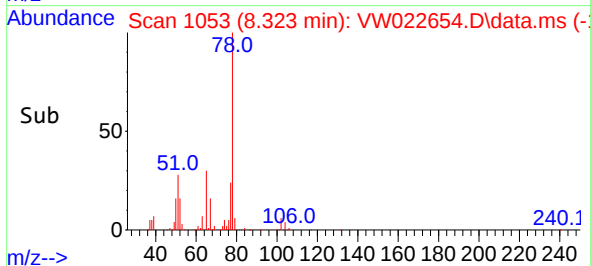
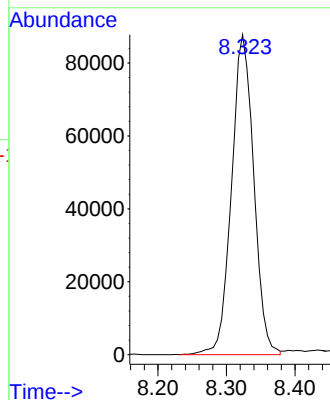
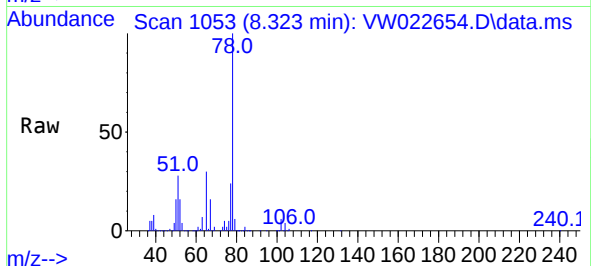




#33
Benzene
Concen: 9.691 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

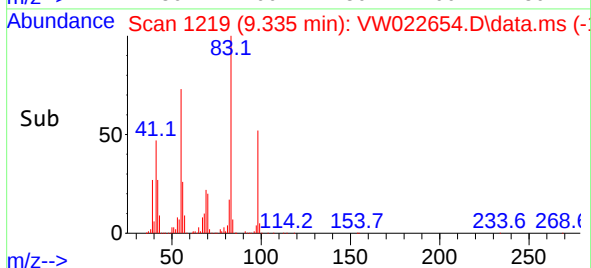
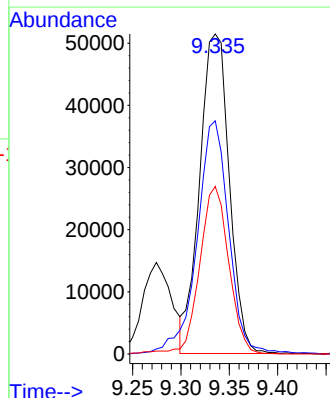
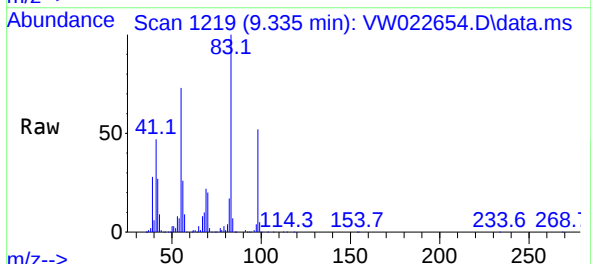
Instrument :
MSVOA_W
ClientSampleId :
EW472RE

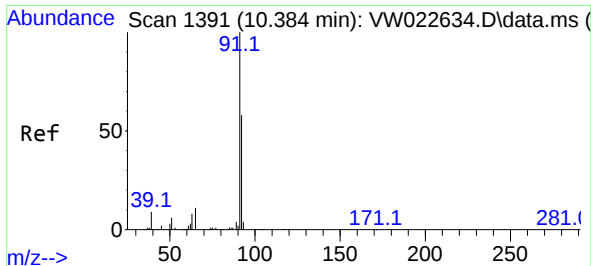
Tgt Ion: 78 Resp: 198163



#35
Methylcyclohexane
Concen: 11.174 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 83 Resp: 109766
Ion Ratio Lower Upper
83 100
55 78.1 61.0 91.6
98 50.8 39.2 58.8

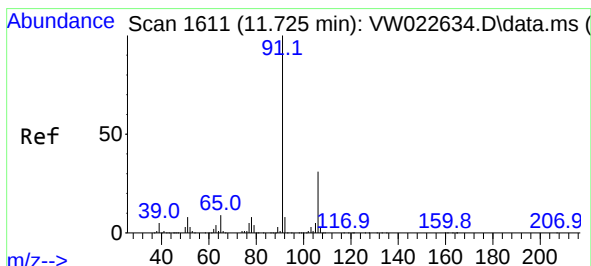
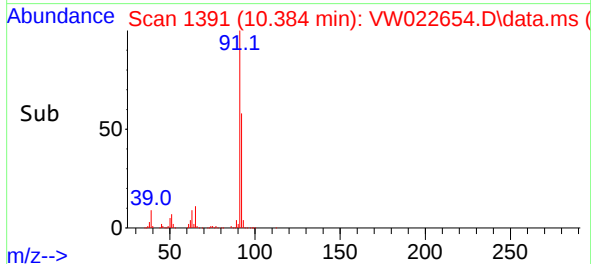
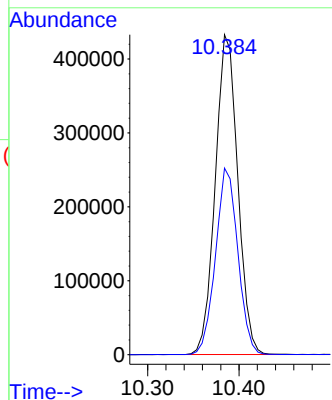
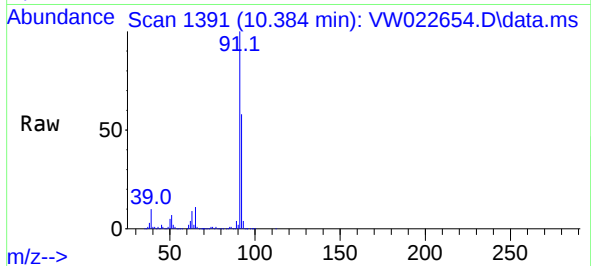




#42
Toluene
Concen: 31.603 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

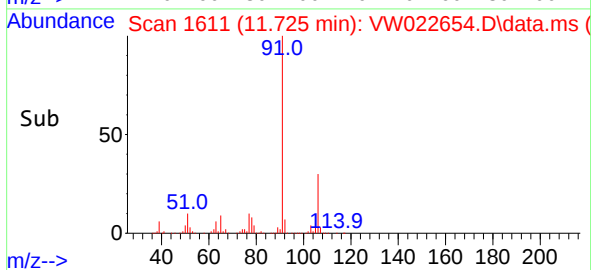
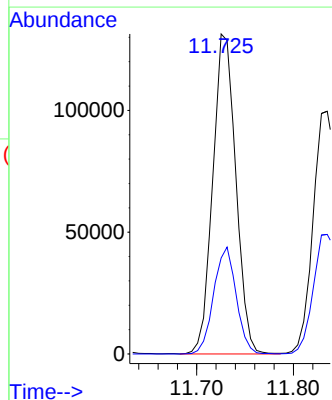
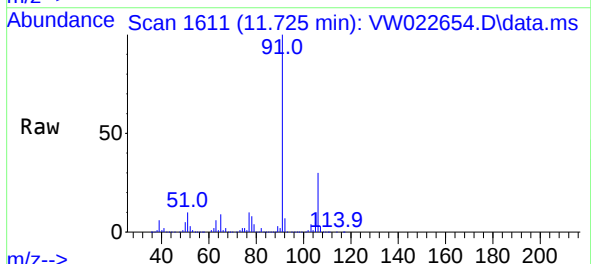
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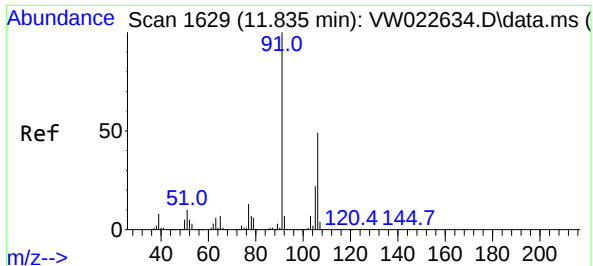
Tgt Ion: 91 Resp: 740507
Ion Ratio Lower Upper
91 100
92 58.3 38.0 70.6



#52
Ethylbenzene
Concen: 8.280 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion: 91 Resp: 217481
Ion Ratio Lower Upper
91 100
106 30.0 20.5 38.1

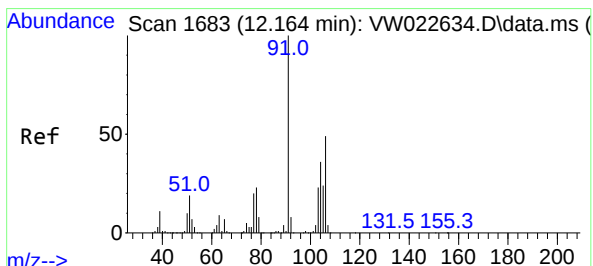
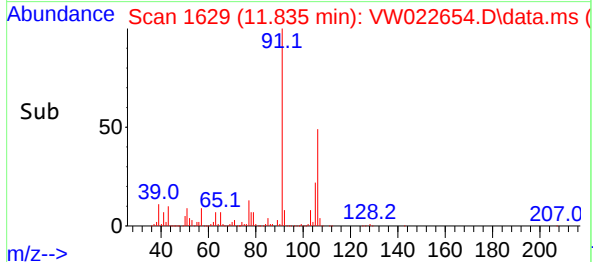
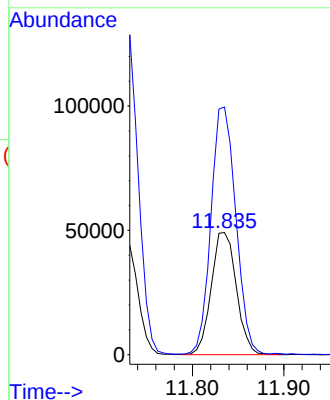
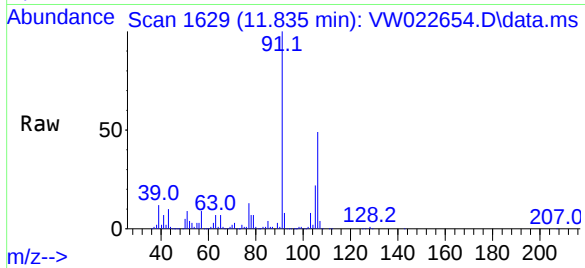




#53
m,p-Xylene
Concen: 9.388 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

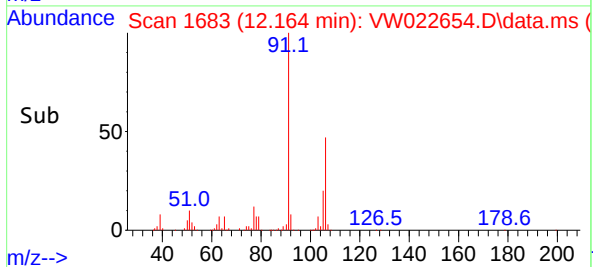
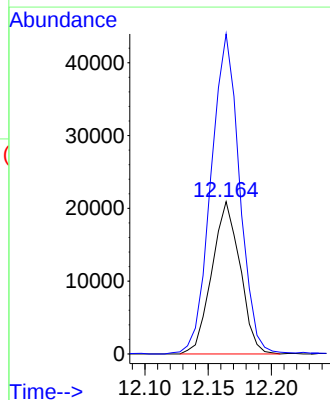
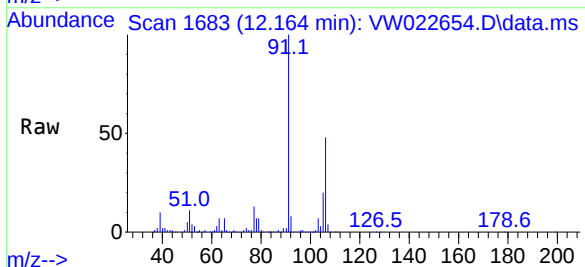
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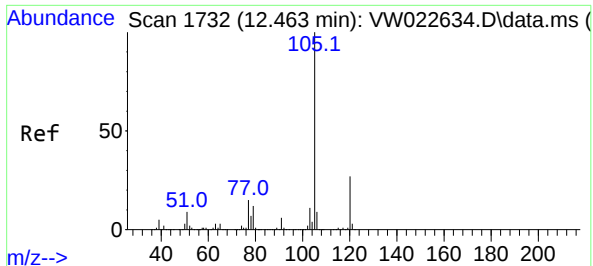
Tgt Ion:106 Resp: 93751
Ion Ratio Lower Upper
106 100
91 203.0 149.9 278.5



#54
o-Xylene
Concen: 3.399 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion:106 Resp: 32439
Ion Ratio Lower Upper
106 100
91 210.2 155.3 288.3

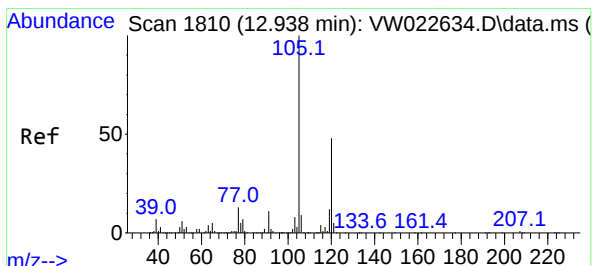
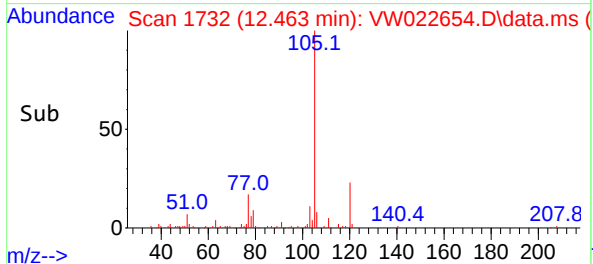
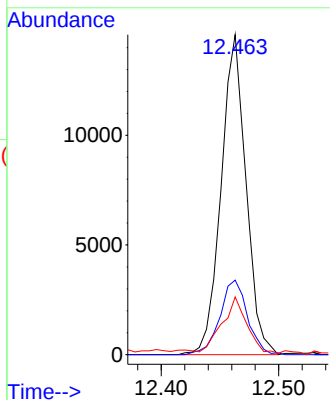
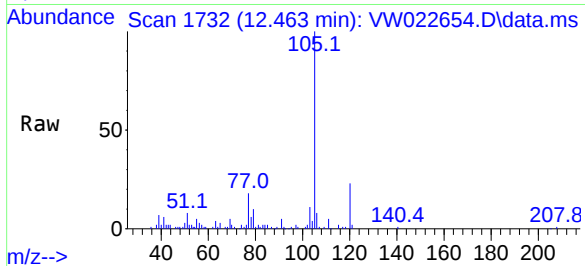




#60
Isopropylbenzene
Concen: 1.518 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

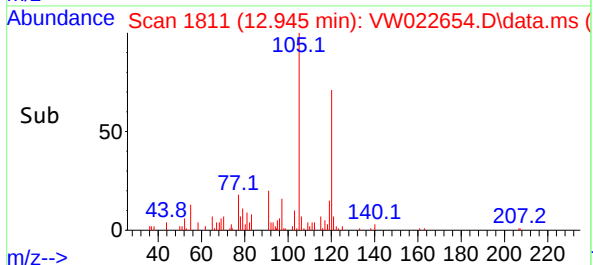
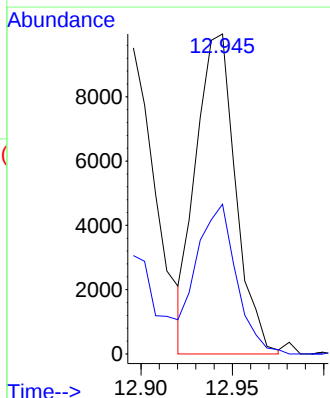
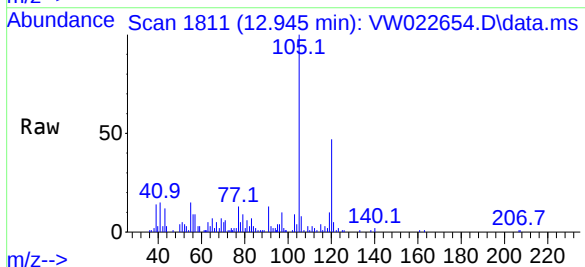
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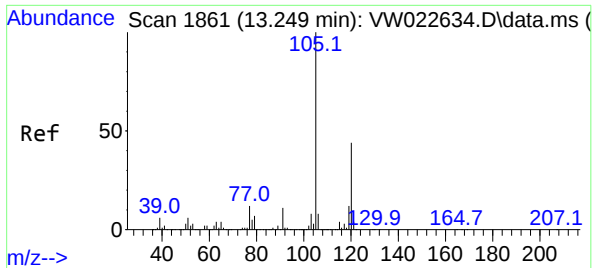
Tgt Ion:	105	Resp:	21425
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.9	31.3
77	17.5	13.7	20.5



#62
1,3,5-Trimethylbenzene
Concen: 1.941 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW022654.D
Acq: 27 Apr 2022 19:56

Tgt Ion:	105	Resp:	15061
Ion Ratio	Lower	Upper	
105	100		
120	46.7	37.5	56.3





#63
 1,2,4-Trimethylbenzene
 Concen: 4.906 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022654.D
 Acq: 27 Apr 2022 19:56

Instrument :
 MSVOA_W
 ClientSampleId :
 EW472RE

Tgt Ion:	105	Resp:	57897
Ion Ratio	Lower	Upper	
105	100		
120	44.0	34.2	51.2

