

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021123.D
 Acq On : 04 Dec 2021 17:15
 Operator : SY/VA
 Sample : M4885-09
 Misc : 4.15g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9L6

Quant Time: Dec 06 00:50:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

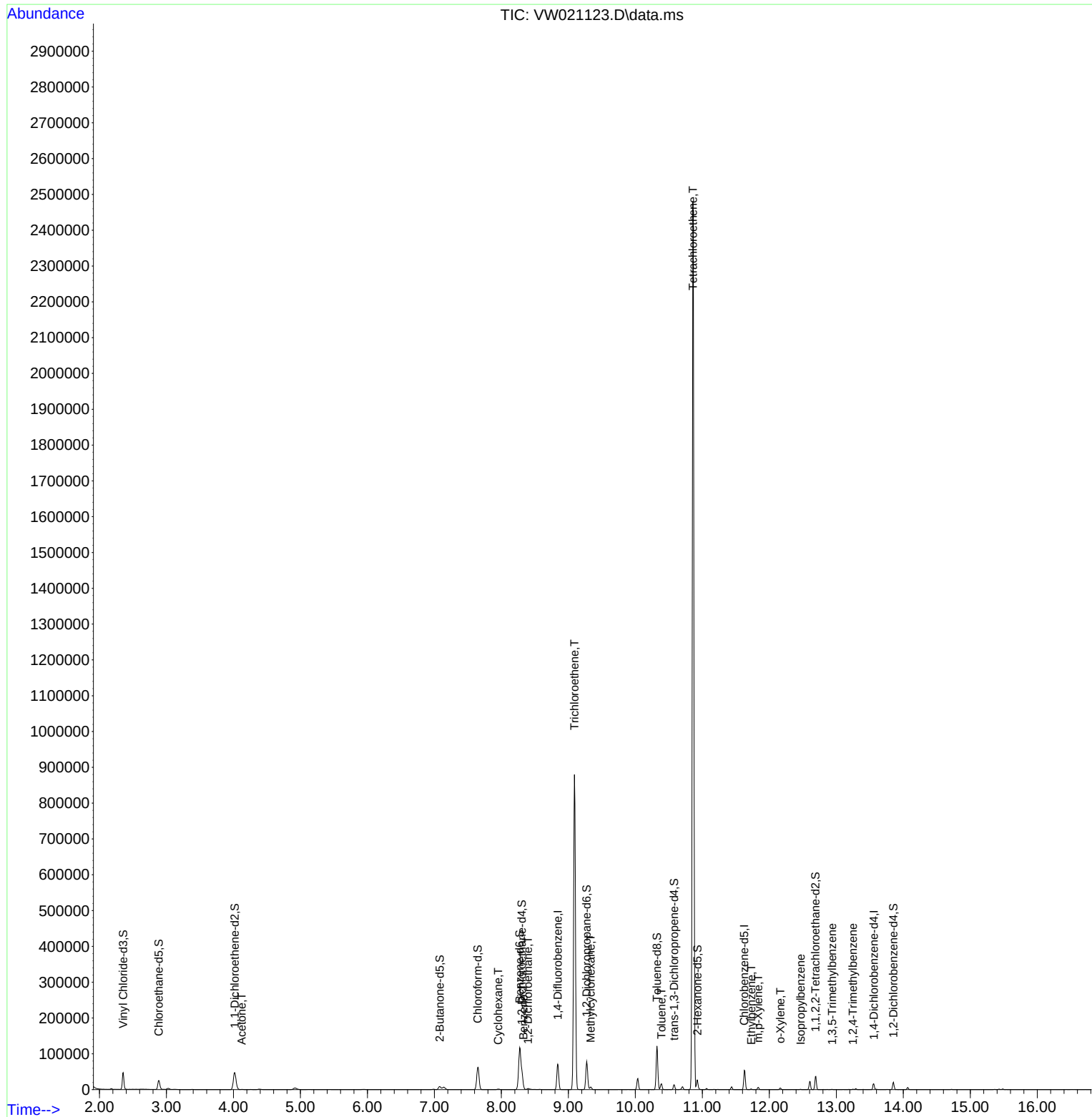
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	61363	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	30901	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44636	52.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 208.840%#	
7) Chloroethane-d5	2.885	69	30177	52.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 210.920%#	
11) 1,1-Dichloroethene-d2	4.019	63	44575	32.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 130.560%#	
21) 2-Butanone-d5	7.080	46	14621	74.976	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 149.960%#	
24) Chloroform-d	7.647	84	62529	40.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 162.760%#	
26) 1,2-Dichloroethane-d4	8.305	65	32271	38.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 153.560%#	
32) Benzene-d6	8.275	84	113334	71.731	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 286.920%#	
36) 1,2-Dichloropropane-d6	9.274	67	31984	72.844	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 291.360%#	
41) Toluene-d8	10.323	98	77831	48.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 192.160%#	
43) trans-1,3-Dichloroprop...	10.579	79	7118	35.702	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 142.800%#	
47) 2-Hexanone-d5	10.926	63	8765	104.337	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 208.680%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	17264	42.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 170.000%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	5359	32.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 130.640%#	
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	1246	7.014	ug/L	69
27) 1,2-Dichloroethane	8.396	62	2381	2.411	ug/L #	87
29) Cyclohexane	7.951	56	885	1.298	ug/L #	87
33) Benzene	8.329	78	3588	2.042	ug/L	100
34) Trichloroethene	9.091	95	279831	577.221	ug/L	93
35) Methylcyclohexane	9.335	83	2951	3.616	ug/L	89
42) Toluene	10.390	91	12232	6.094	ug/L	99
46) Tetrachloroethene	10.859	164	525901	1184.676	ug/L	96
52) Ethylbenzene	11.731	91	1488	0.659	ug/L	94
53) m,p-Xylene	11.835	106	2000	2.140	ug/L	88
54) o-Xylene	12.164	106	1396	1.584	ug/L	100
60) Isopropylbenzene	12.469	105	658	1.034	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.938	105	437	0.820	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	1083	2.020	ug/L	92

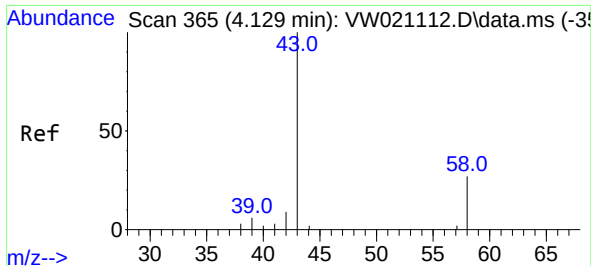
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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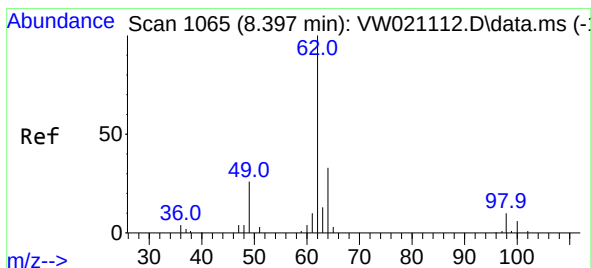
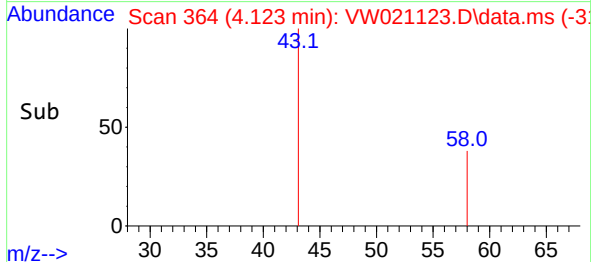
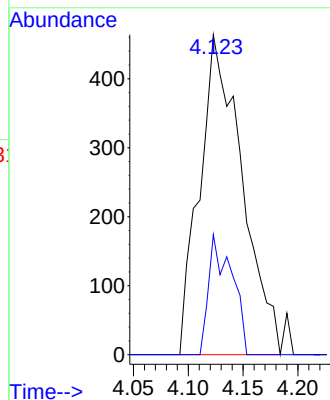
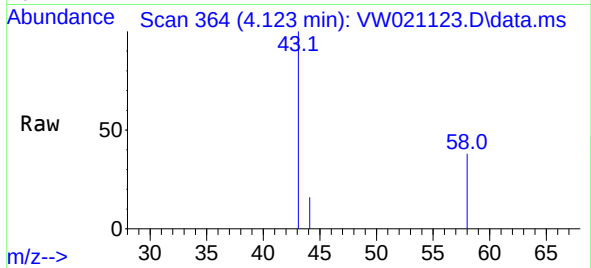




#13
Acetone
Concen: 7.014 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.012 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

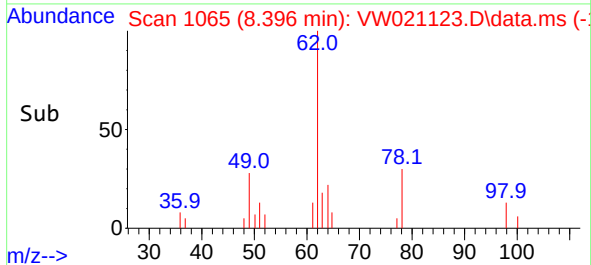
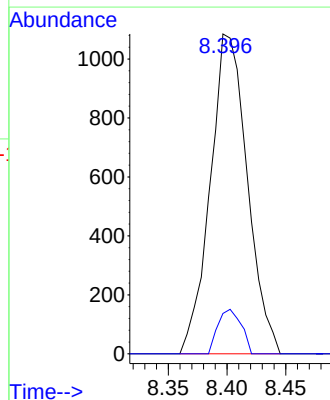
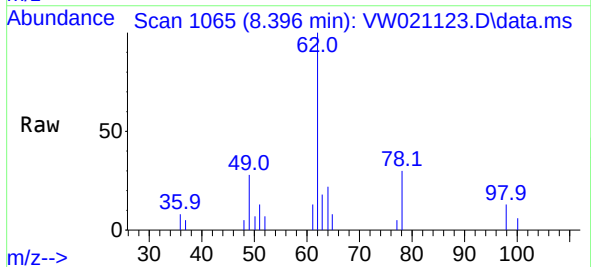
Instrument :
MSVOA_W
ClientSampleId :
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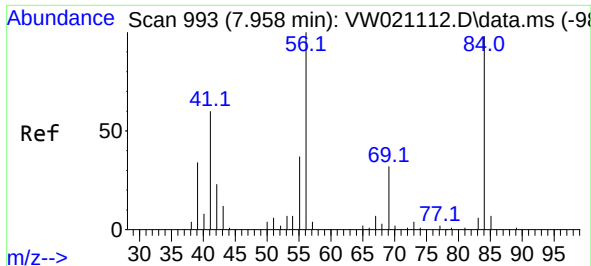
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 10.6 0.0 52.8



#27
1,2-Dichloroethane
Concen: 2.411 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 62 Resp: 2381
Ion Ratio Lower Upper
62 100
98 12.6 6.5 9.7#

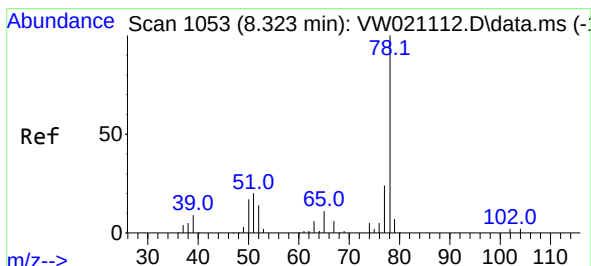
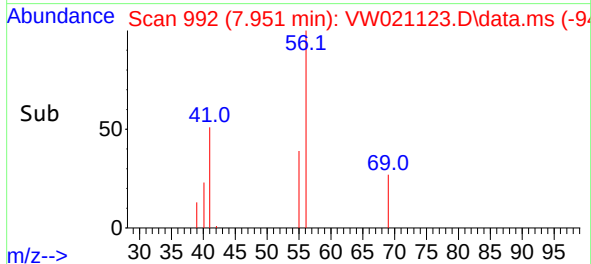
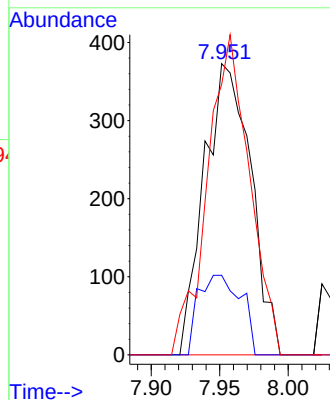
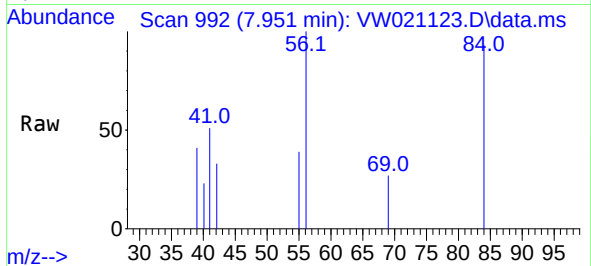




#29
Cyclohexane
Concen: 1.298 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

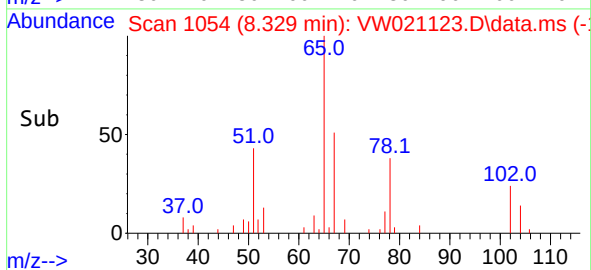
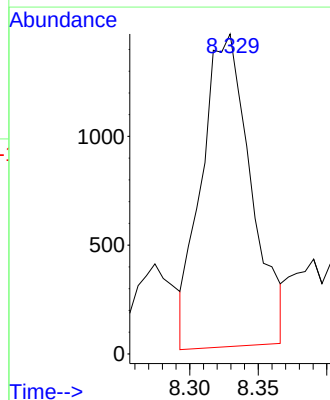
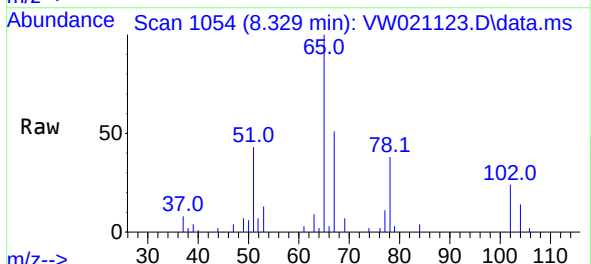
Instrument :
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ClientSampleId :
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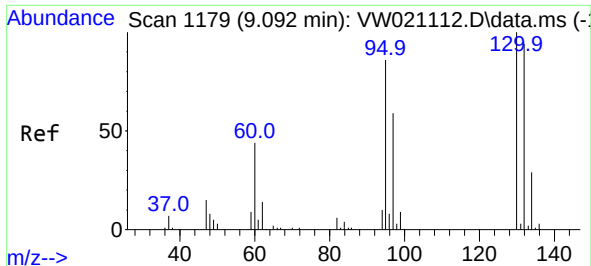
Tgt Ion: 56 Resp: 885
Ion Ratio Lower Upper
56 100
69 21.7 23.5 35.3#
84 90.6 63.4 95.2



#33
Benzene
Concen: 2.042 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 78 Resp: 3588

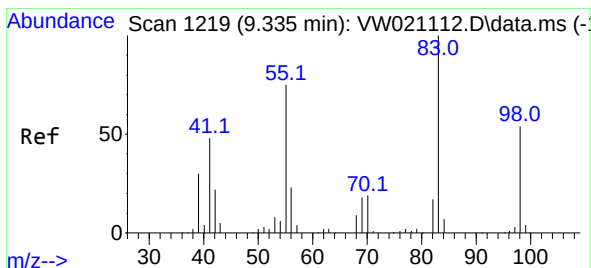
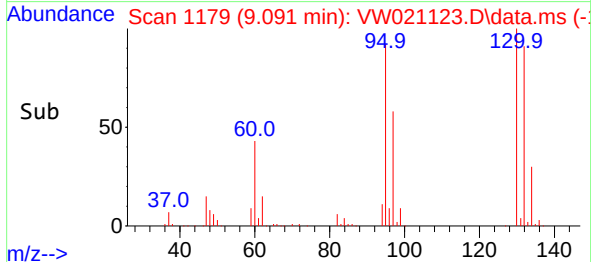
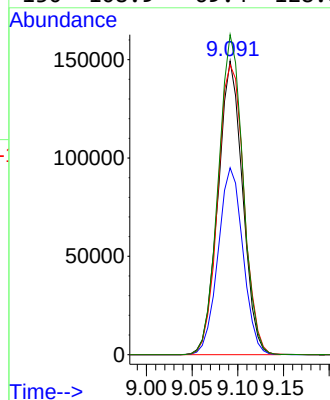
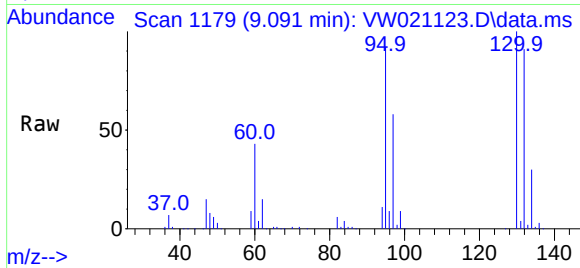




#34
Trichloroethene
Concen: 577.221 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

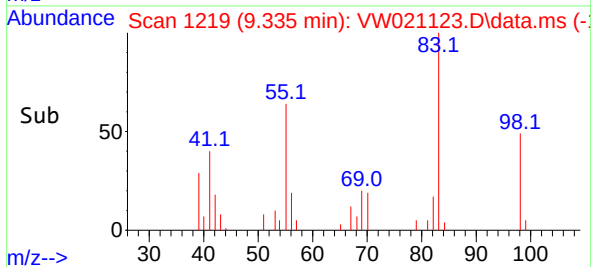
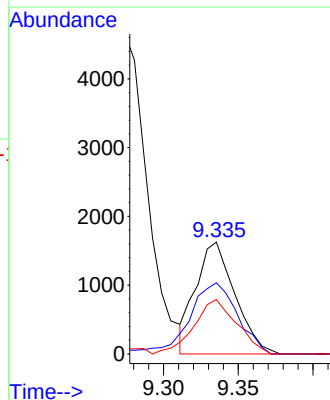
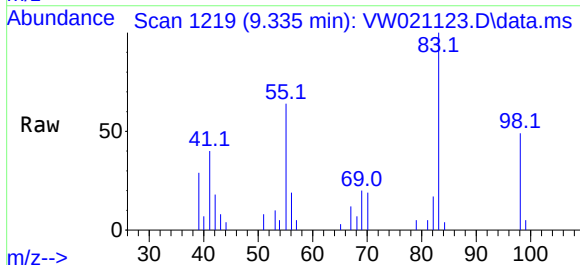
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MSVOA_W
ClientSampleId :
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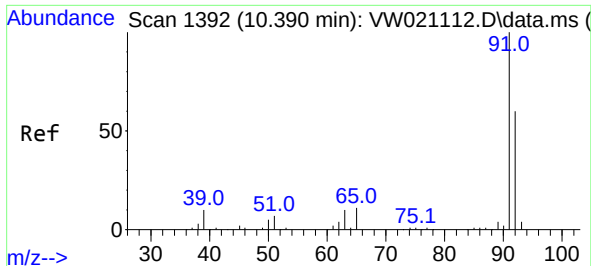
Tgt Ion: 95 Resp: 279831
Ion Ratio Lower Upper
95 100
97 63.6 47.0 87.2
132 98.7 65.5 121.6
130 108.9 69.4 128.8



#35
Methylcyclohexane
Concen: 3.616 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 83 Resp: 2951
Ion Ratio Lower Upper
83 100
55 77.6 70.8 106.2
98 53.3 37.7 56.5

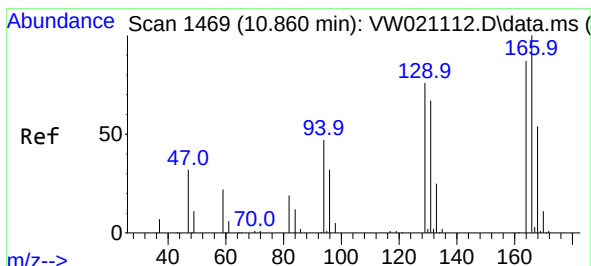
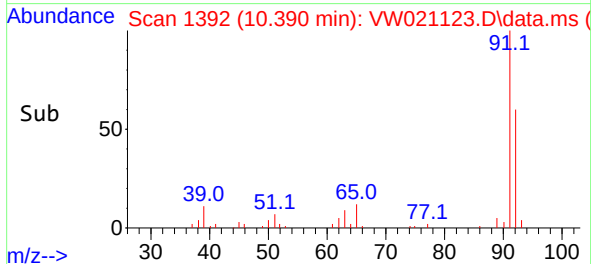
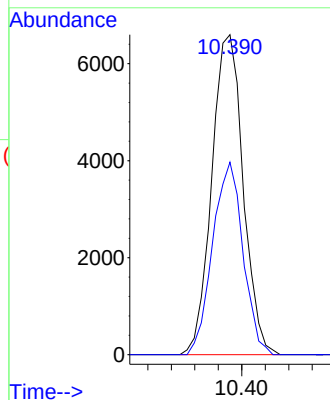
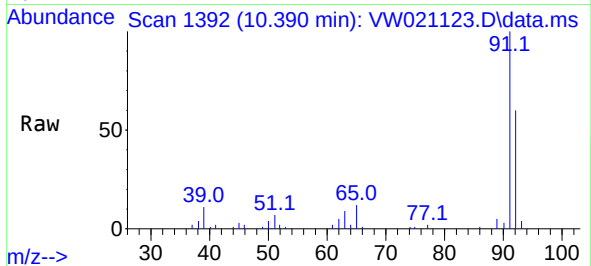




#42
Toluene
Concen: 6.094 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

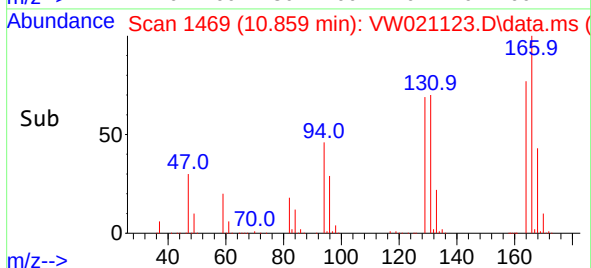
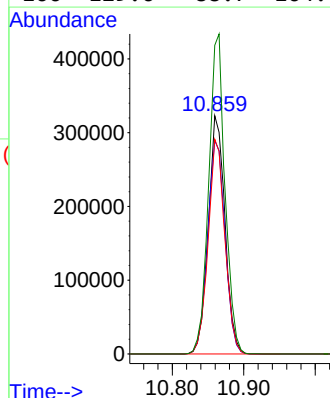
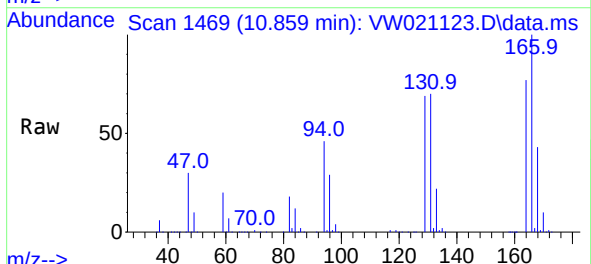
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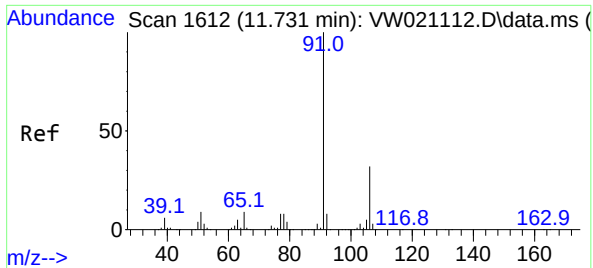
Tgt Ion: 91 Resp: 12232
Ion Ratio Lower Upper
91 100
92 60.2 41.7 77.5



#46
Tetrachloroethene
Concen: 1184.676 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 164 Resp: 525901
Ion Ratio Lower Upper
164 100
129 89.6 65.5 121.7
131 90.1 59.7 110.9
166 129.6 88.7 164.7

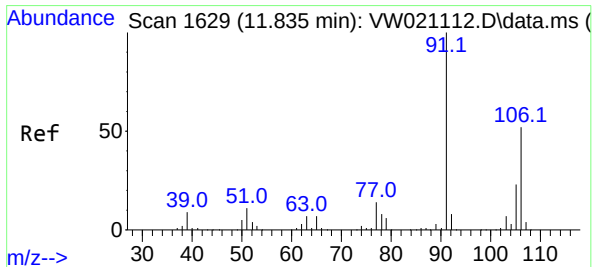
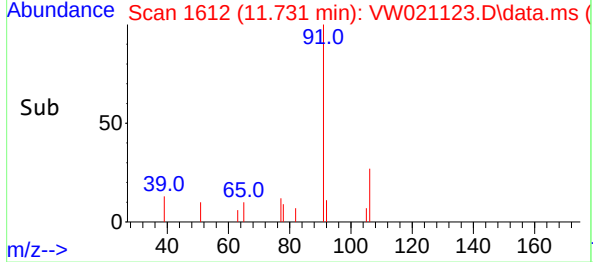
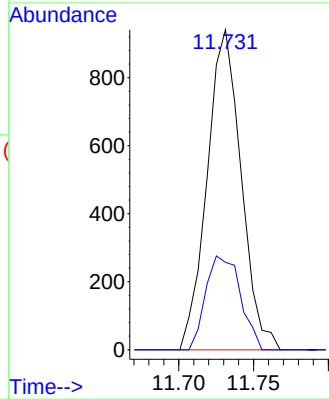
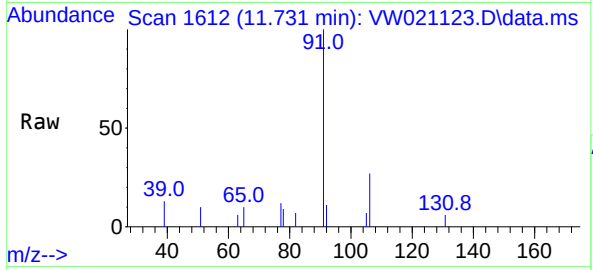




#52
Ethylbenzene
Concen: 0.659 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

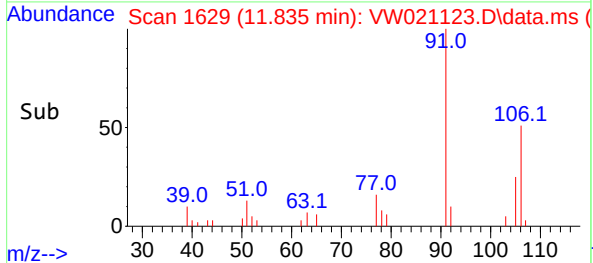
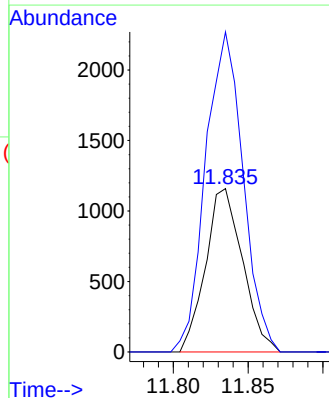
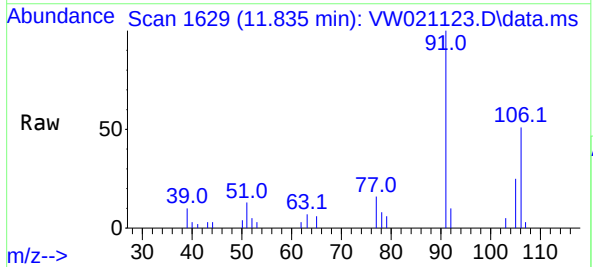
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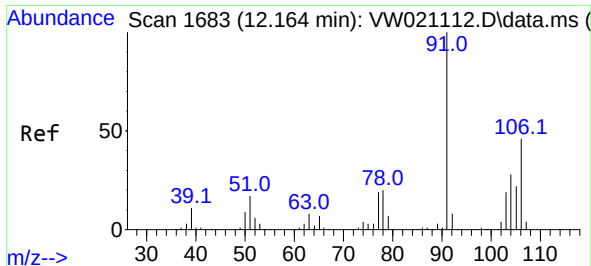
Tgt Ion: 91 Resp: 1488
Ion Ratio Lower Upper
91 100
106 27.3 21.5 39.9



#53
m,p-Xylene
Concen: 2.140 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion: 106 Resp: 2000
Ion Ratio Lower Upper
106 100
91 195.9 149.9 278.3

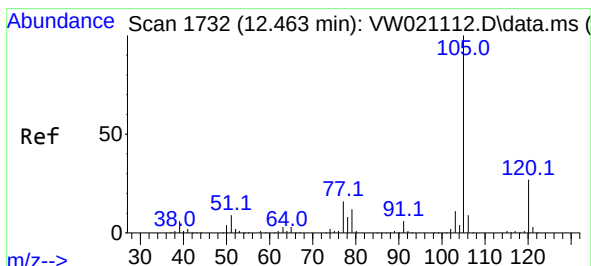
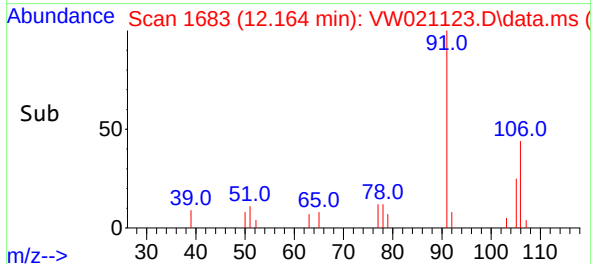
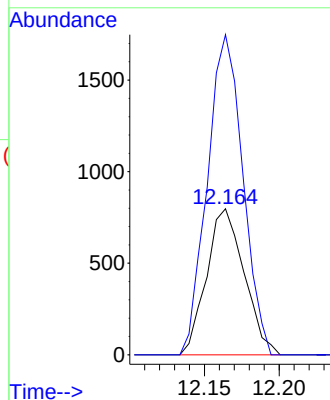
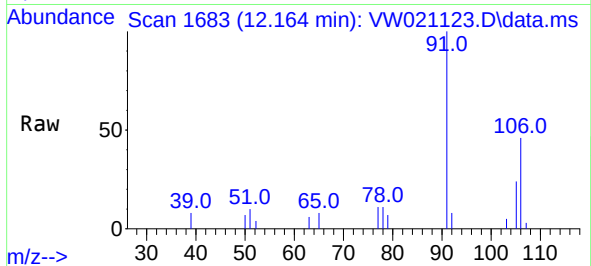




#54
o-Xylene
Concen: 1.584 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

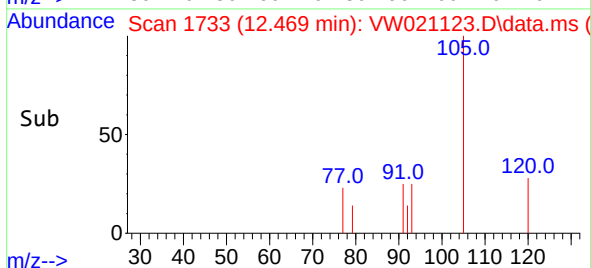
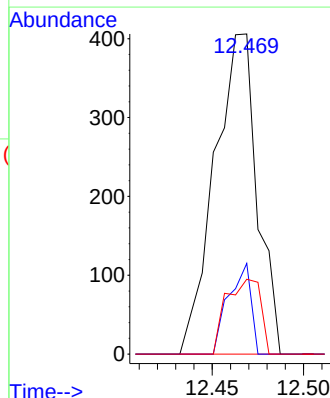
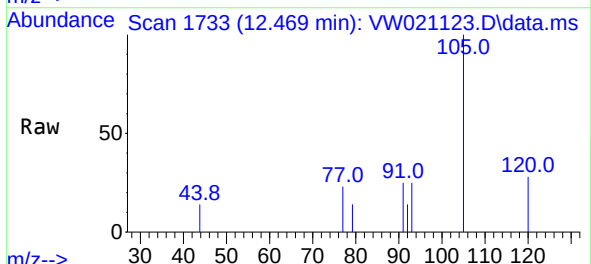
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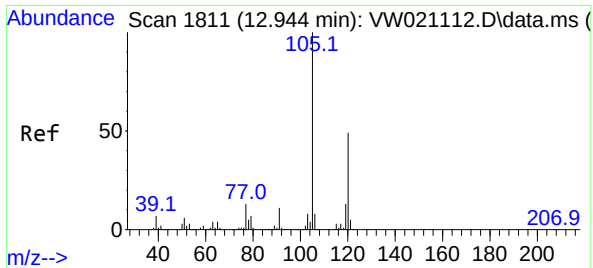
Tgt Ion:106 Resp: 1396
Ion Ratio Lower Upper
106 100
91 219.3 153.6 285.3



#60
Isopropylbenzene
Concen: 1.034 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion:105 Resp: 658
Ion Ratio Lower Upper
105 100
120 14.9 20.1 30.1#
77 18.8 13.8 20.8

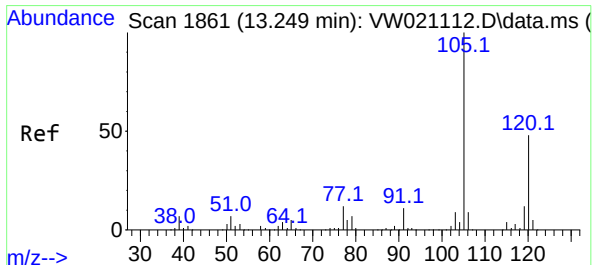
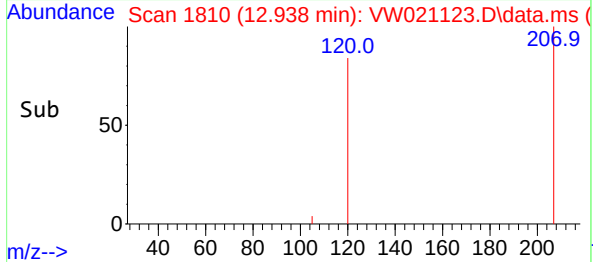
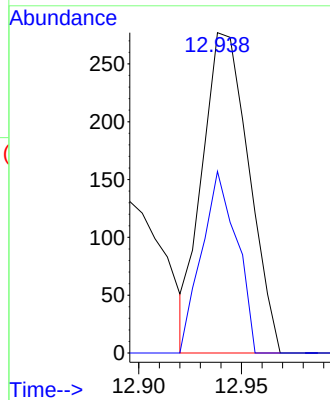
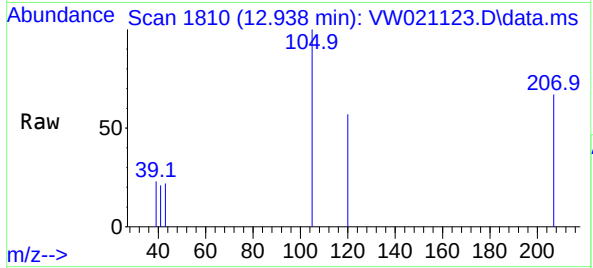




#62
1,3,5-Trimethylbenzene
Concen: 0.820 ug/L
RT: 12.938 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Instrument :
MSVOA_W
ClientSampleId :
EW9L6

Tgt Ion:105 Resp: 437
Ion Ratio Lower Upper
105 100
120 42.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 2.020 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021123.D
Acq: 04 Dec 2021 17:15

Tgt Ion:105 Resp: 1083
Ion Ratio Lower Upper
105 100
120 38.7 35.0 52.6

