

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021192.D
 Acq On : 07 Dec 2021 01:15
 Operator : SY/VA
 Sample : M4888-05
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B2

Quant Time: Dec 07 07:52:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

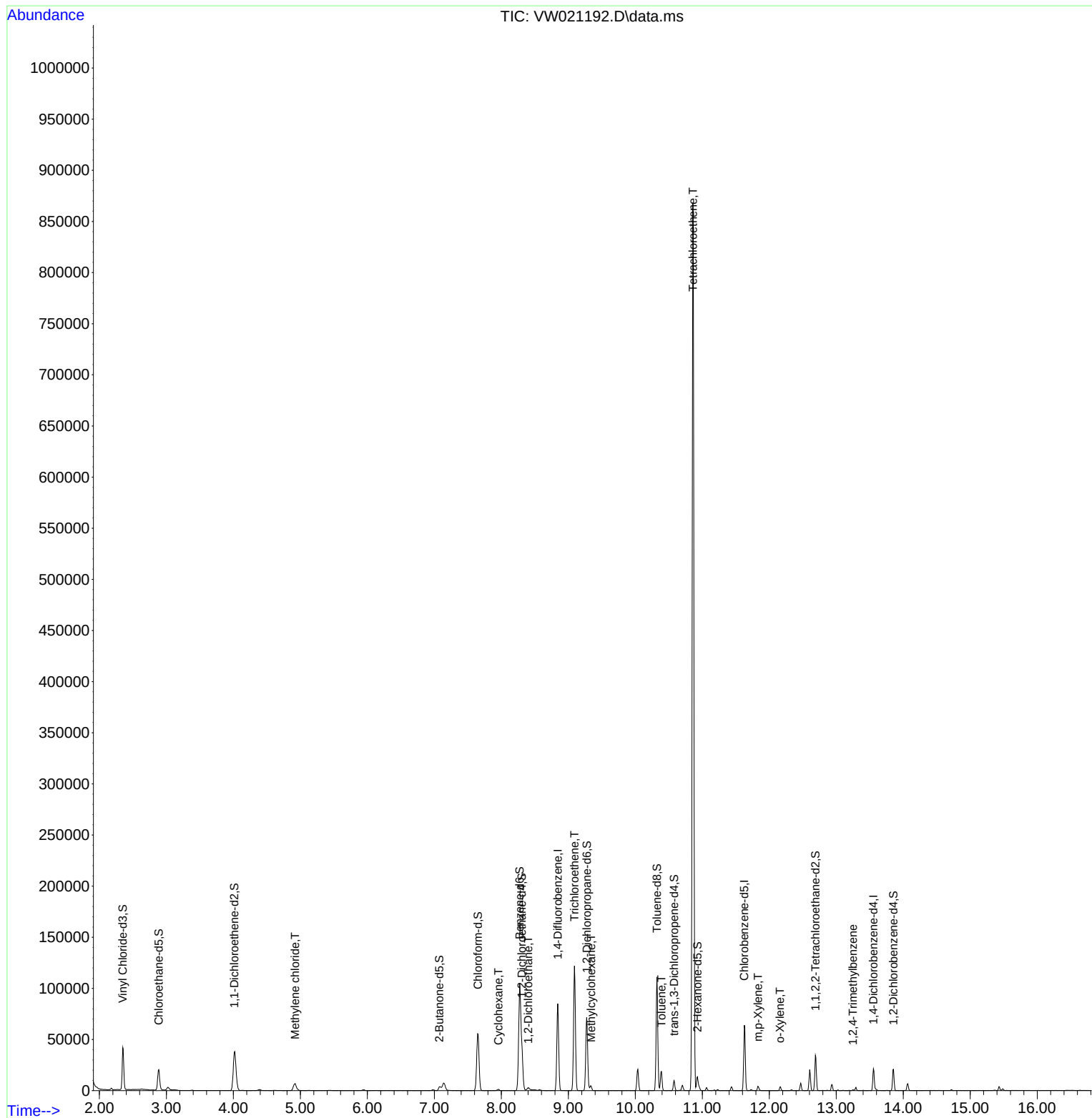
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	70737	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	35777	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5593	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39118	39.691	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 158.760%#		
7) Chloroethane-d5	2.885	69	23620	35.801	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 143.200%		
11) 1,1-Dichloroethene-d2	4.013	63	35484	22.537	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 90.160%		
21) 2-Butanone-d5	7.074	46	6559	29.177	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 58.360%		
24) Chloroform-d	7.653	84	56541	31.917	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 127.680%		
26) 1,2-Dichloroethane-d4	8.305	65	27736	28.619	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 114.480%		
32) Benzene-d6	8.275	84	101028	55.227	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 220.920%#		
36) 1,2-Dichloropropane-d6	9.274	67	30043	59.098	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 236.400%#		
41) Toluene-d8	10.323	98	71337	38.032	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 152.120%#		
43) trans-1,3-Dichloroprop...	10.579	79	5127	22.211	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 88.840%		
47) 2-Hexanone-d5	10.927	63	4235	43.542	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 87.080%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15318	32.570	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 130.280%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	5731	28.598	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 114.400%		
Target Compounds						
						Qvalue
16) Methylene chloride	4.922	84	5206	4.671	ug/L	80
27) 1,2-Dichloroethane	8.403	62	2033	1.786	ug/L	95
29) Cyclohexane	7.958	56	672	0.851	ug/L	# 73
34) Trichloroethene	9.092	95	38096	67.873	ug/L	87
35) Methylcyclohexane	9.341	83	2051	2.171	ug/L	87
42) Toluene	10.390	91	13820	5.947	ug/L	95
46) Tetrachloroethene	10.860	164	193963	377.384	ug/L	98
53) m,p-Xylene	11.829	106	1368	1.264	ug/L	71
54) o-Xylene	12.158	106	1114	1.092	ug/L	78
63) 1,2,4-Trimethylbenzene	13.249	105	788	1.204	ug/L	97

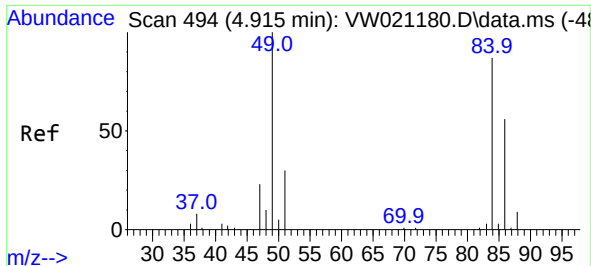
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 07 07:23:32 2021
Response via : Initial Calibration

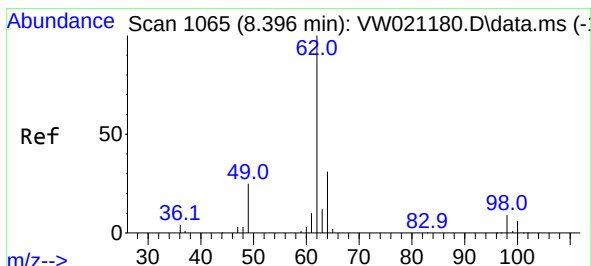
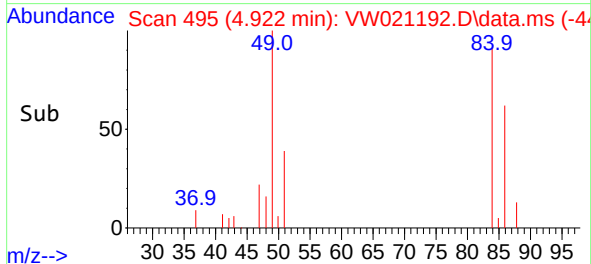
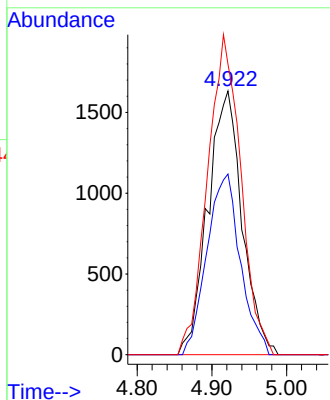
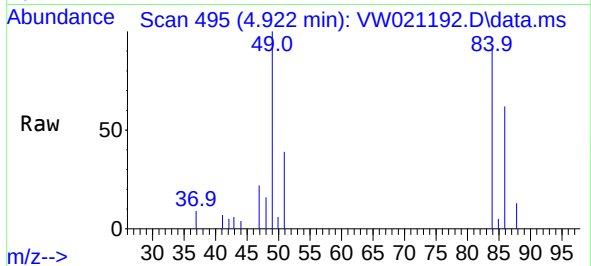




#16
Methylene chloride
Concen: 4.671 ug/L
RT: 4.922 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW021192.D
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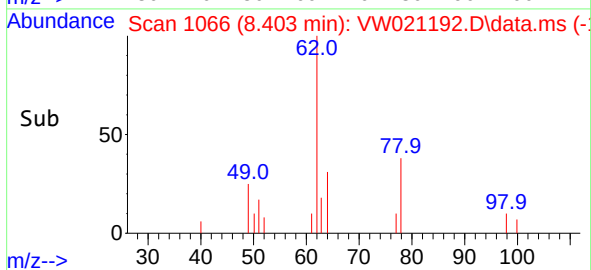
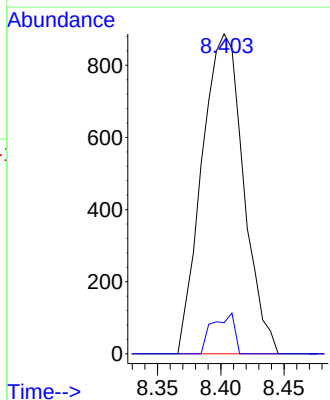
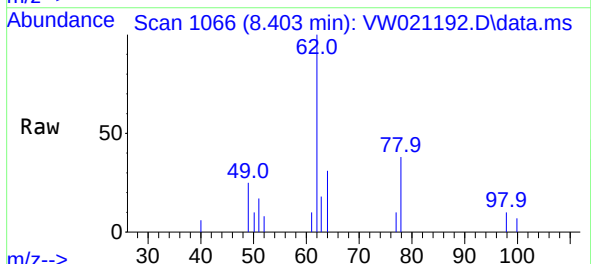
Instrument :
MSVOA_W
ClientSampleId :
EX8B2

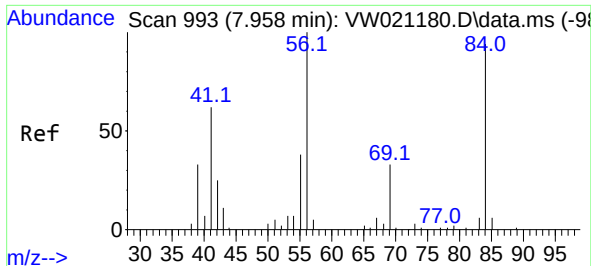
Tgt Ion: 84 Resp: 5206
Ion Ratio Lower Upper
84 100
86 68.5 45.5 84.5
49 110.2 100.5 186.7



#27
1,2-Dichloroethane
Concen: 1.786 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

Tgt Ion: 62 Resp: 2033
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7

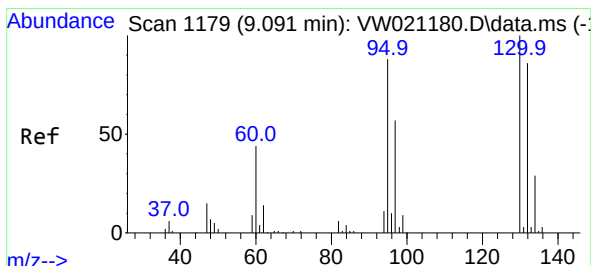
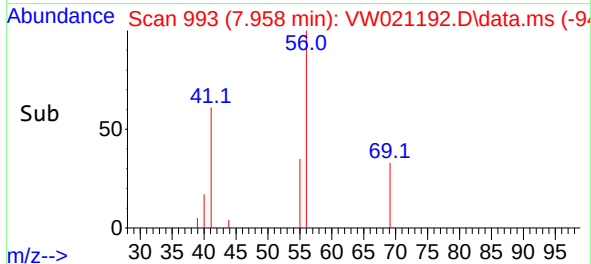
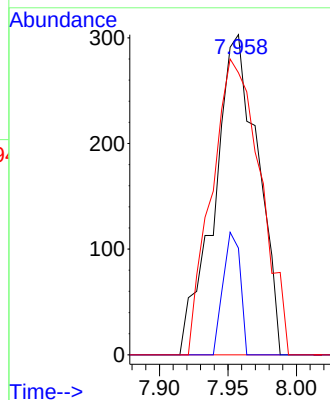
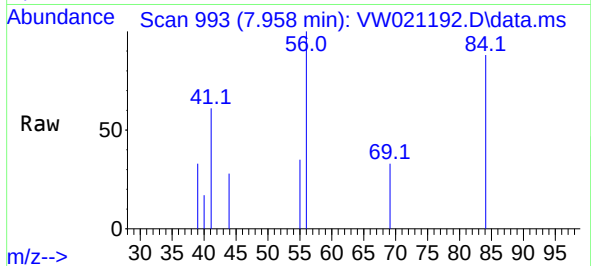




#29
Cyclohexane
Concen: 0.851 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

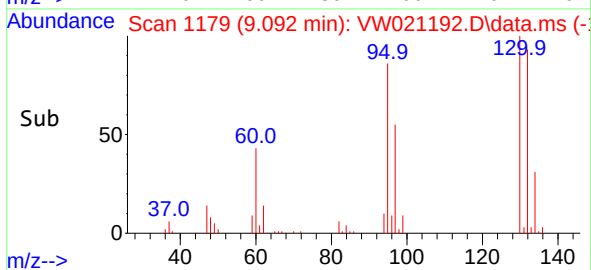
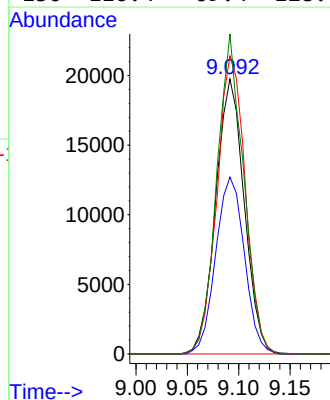
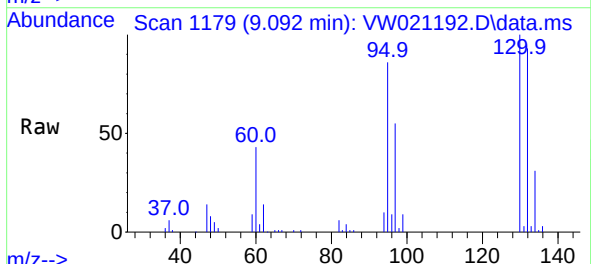
Instrument :
MSVOA_W
ClientSampleId :
EX8B2

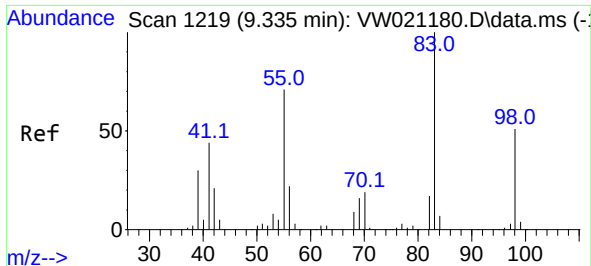
Tgt Ion:	56	Resp:	672
Ion	Ratio	Lower	Upper
56	100		
69	15.0	23.5	35.3#
84	103.3	63.4	95.2#



#34
Trichloroethene
Concen: 67.873 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

Tgt Ion:	95	Resp:	38096
Ion	Ratio	Lower	Upper
95	100		
97	64.3	47.0	87.2
132	108.4	65.5	121.6
130	116.4	69.4	128.8

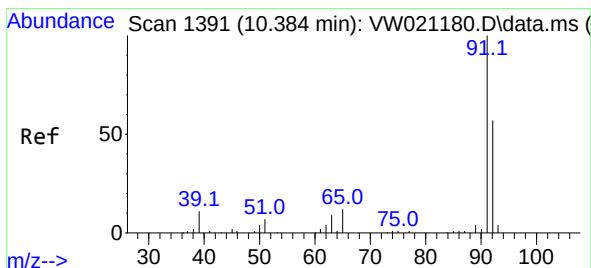
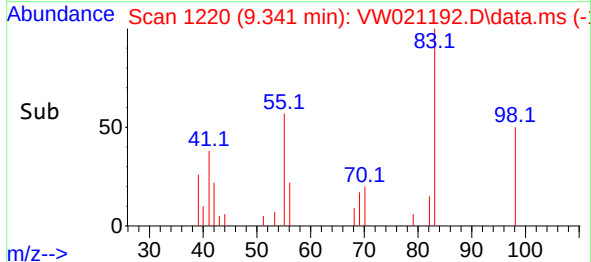
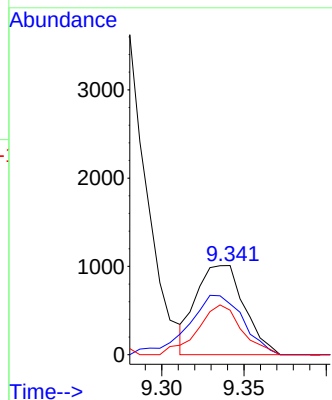
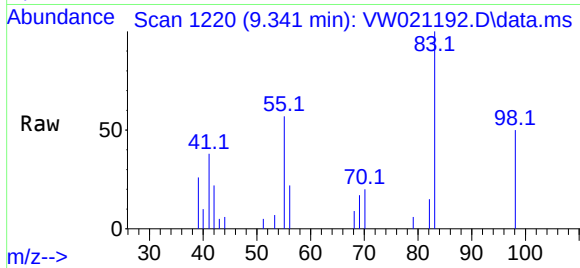




#35
Methylcyclohexane
Concen: 2.171 ug/L
RT: 9.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

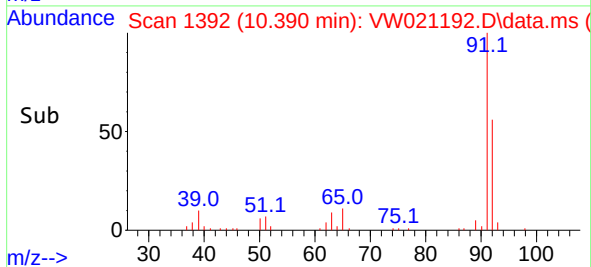
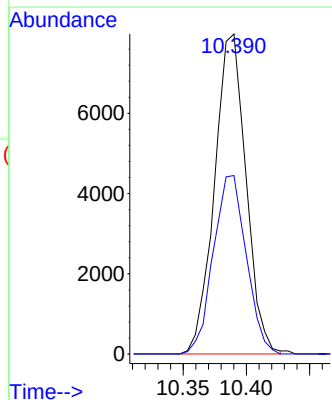
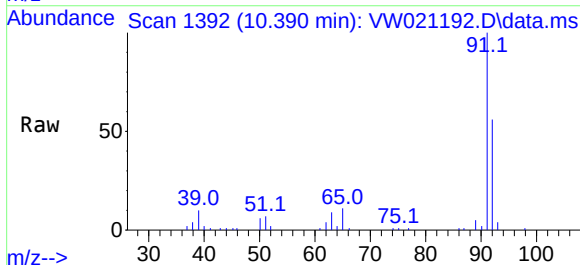
Instrument :
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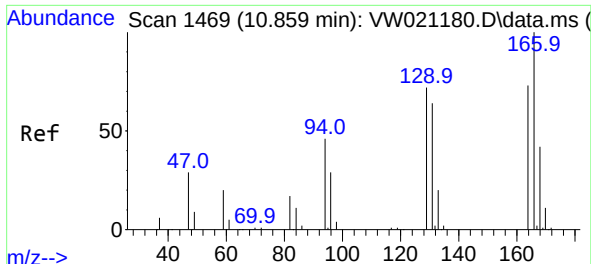
Tgt Ion: 83 Resp: 2051
Ion Ratio Lower Upper
83 100
55 72.3 70.8 106.2
98 51.1 37.7 56.5



#42
Toluene
Concen: 5.947 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

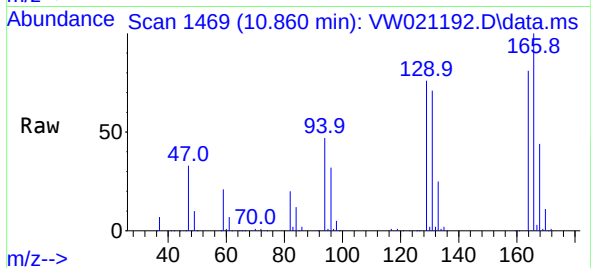
Tgt Ion: 91 Resp: 13820
Ion Ratio Lower Upper
91 100
92 55.8 41.7 77.5



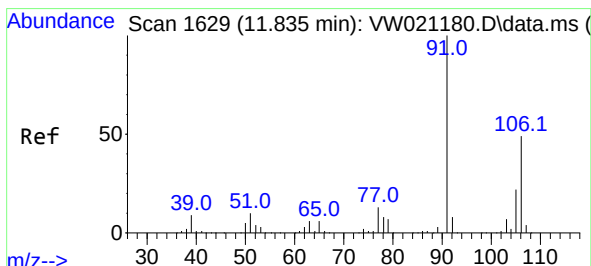
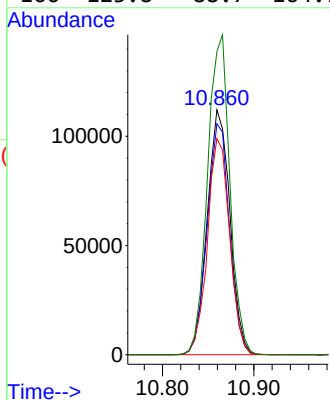
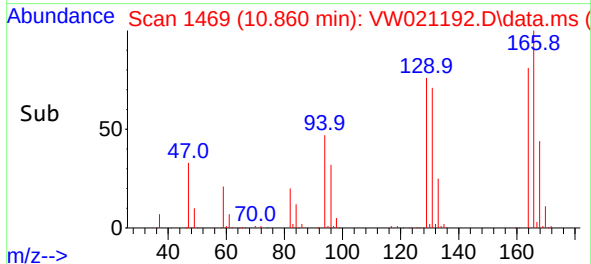


#46
Tetrachloroethene
Concen: 377.384 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

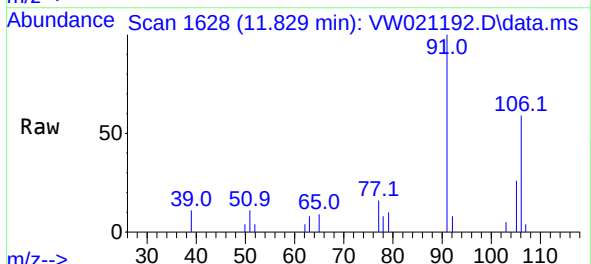
Instrument :
MSVOA_W
ClientSampleId :
EX8B2



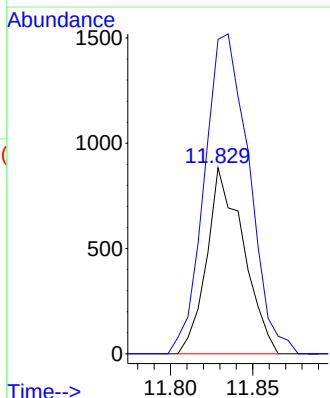
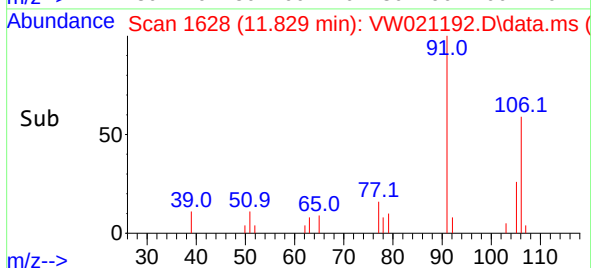
Tgt Ion:164 Resp: 193963
Ion Ratio Lower Upper
164 100
129 94.3 65.5 121.7
131 88.3 59.7 110.9
166 123.8 88.7 164.7

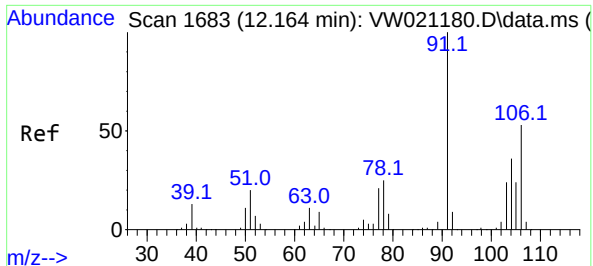


#53
m,p-Xylene
Concen: 1.264 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15



Tgt Ion:106 Resp: 1368
Ion Ratio Lower Upper
106 100
91 168.9 149.9 278.3

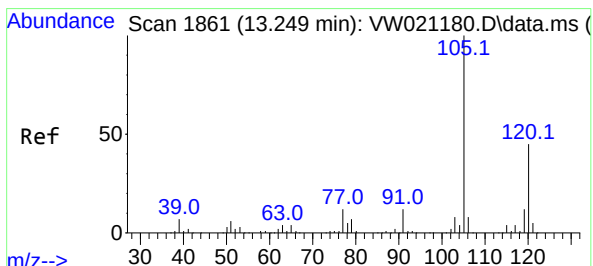
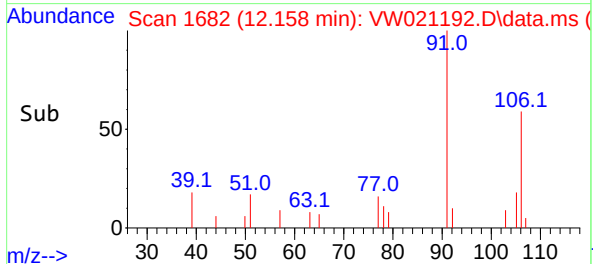
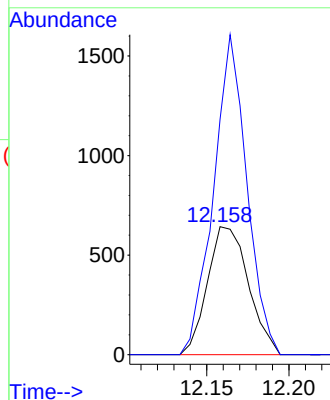
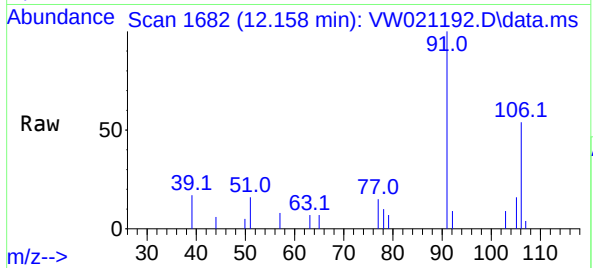




#54
o-Xylene
Concen: 1.092 ug/L
RT: 12.158 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
EX8B2

Tgt Ion:106 Resp: 1114
Ion Ratio Lower Upper
106 100
91 183.7 153.6 285.3



#63
1,2,4-Trimethylbenzene
Concen: 1.204 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021192.D
Acq: 07 Dec 2021 01:15

Tgt Ion:105 Resp: 788
Ion Ratio Lower Upper
105 100
120 42.0 35.0 52.6

