

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090121\
 Data File : VW019972.D
 Acq On : 01 Sep 2021 12:59
 Operator : SY/VA
 Sample : M3579-10
 Misc : 5.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B2

Quant Time: Sep 02 03:57:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 02 03:54:23 2021
 Response via : Initial Calibration

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

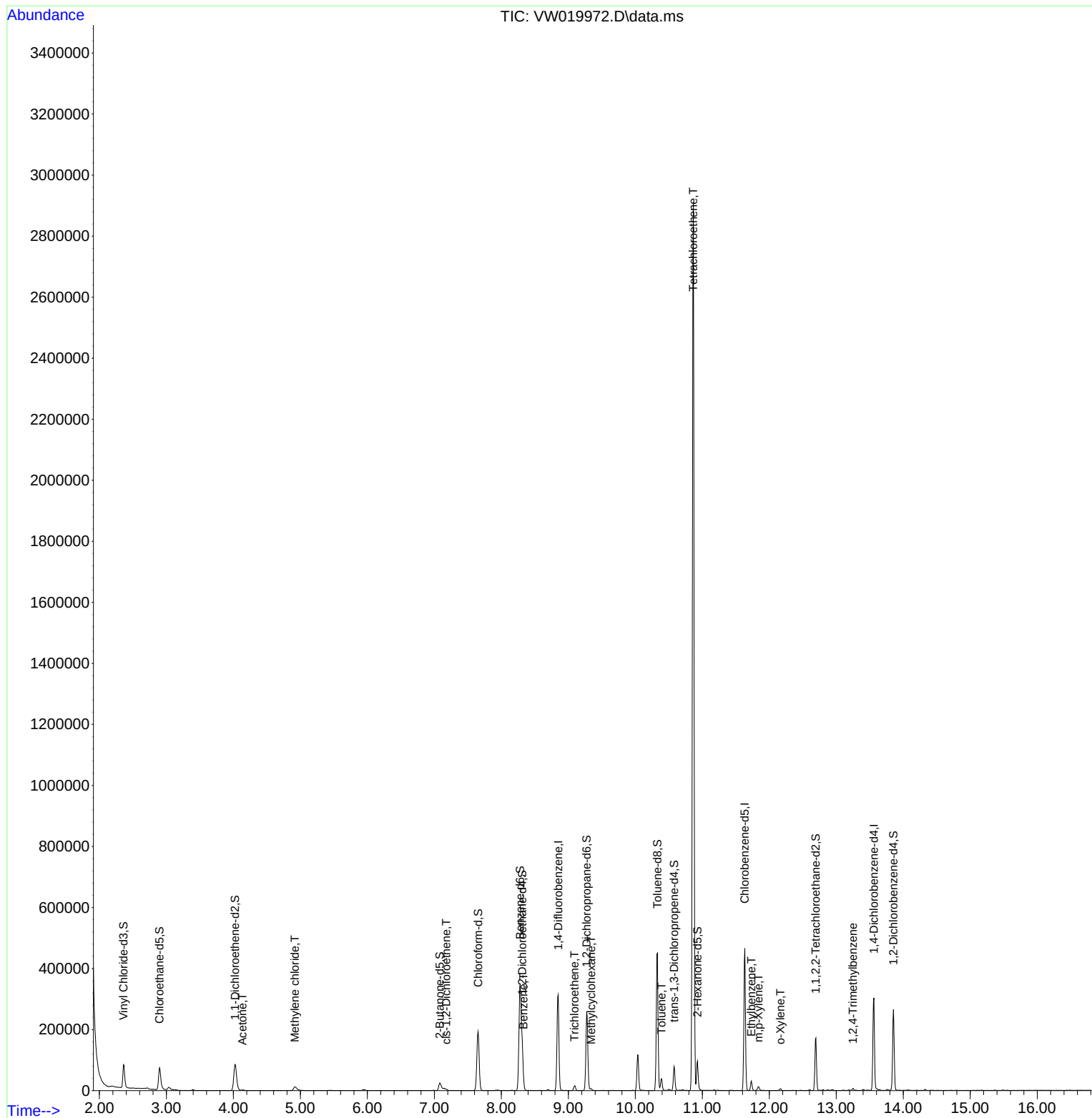
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	263861	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	246826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	78180	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	82185	20.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
7) Chloroethane-d5	2.898	69	92133	25.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.720%
11) 1,1-Dichloroethene-d2	4.025	63	90594	12.770	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.080%
21) 2-Butanone-d5	7.080	46	40423	48.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.360%
24) Chloroform-d	7.653	84	193286	26.636	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.560%
26) 1,2-Dichloroethane-d4	8.311	65	108993	27.871	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.480%
32) Benzene-d6	8.281	84	360243	25.597	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.274	67	118189	27.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.920%
41) Toluene-d8	10.329	98	297716	23.084	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.320%
43) trans-1,3-Dichloroprop...	10.579	79	43703	24.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.280%
47) 2-Hexanone-d5	10.927	63	32327	54.449	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	84974	24.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	66120	24.656	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.640%
Target Compounds					Qvalue	
13) Acetone	4.135	43	3393	4.786	ug/L	89
16) Methylene chloride	4.916	84	9341	2.063	ug/L	92
20) cis-1,2-Dichloroethene	7.177	96	1772	0.466	ug/L	81
33) Benzene	8.330	78	7274	0.480	ug/L	100
34) Trichloroethene	9.092	95	5305	1.347	ug/L	89
35) Methylcyclohexane	9.342	83	1815	0.269	ug/L	89
42) Toluene	10.390	91	27964	1.743	ug/L	94
46) Tetrachloroethene	10.866	164	624683	209.405	ug/L	95
52) Ethylbenzene	11.731	91	20046	1.160	ug/L	98
53) m,p-Xylene	11.841	106	3537	0.533	ug/L	92
54) o-Xylene	12.164	106	1528	0.243	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	4008	0.468	ug/L	90

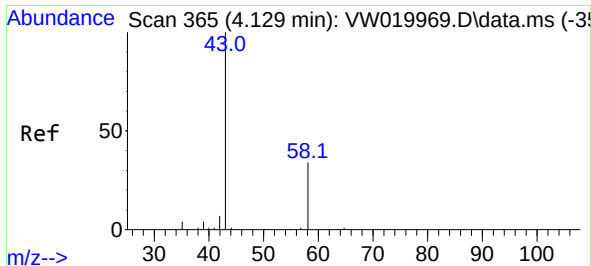
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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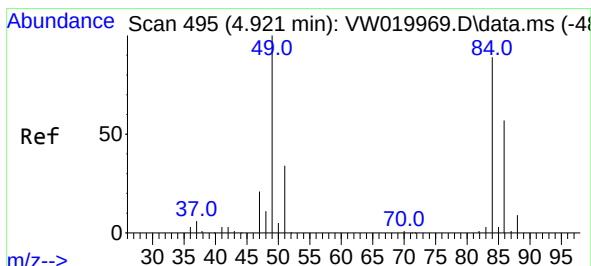
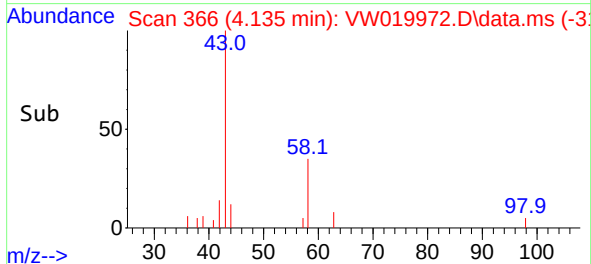
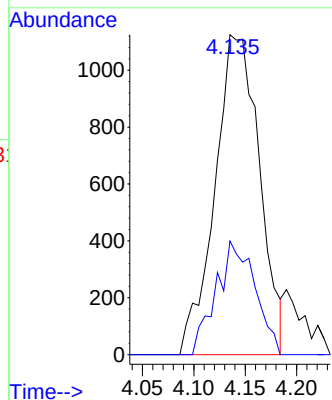
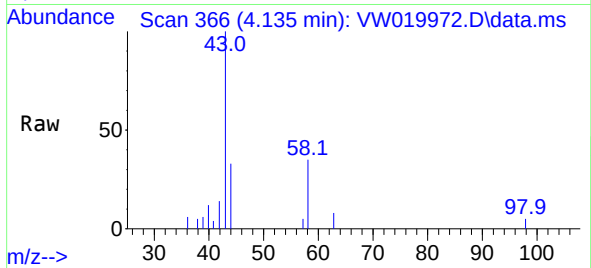




#13
Acetone
Concen: 4.786 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

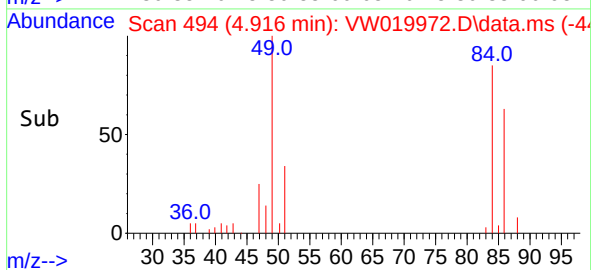
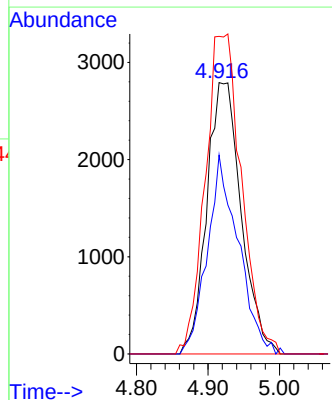
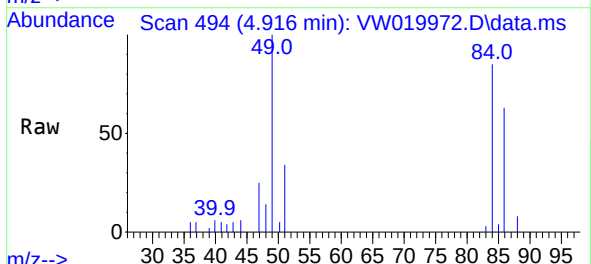
Instrument :
MSVOA_W
ClientSampled :
GB6B2

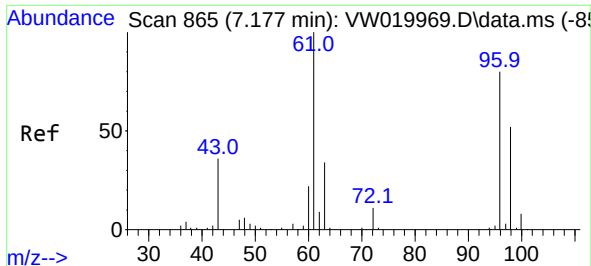
Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
58 21.1 0.0 53.8



#16
Methylene chloride
Concen: 2.063 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

Tgt Ion: 84 Resp: 9341
Ion Ratio Lower Upper
84 100
86 73.3 45.3 84.1
49 117.0 86.6 160.8



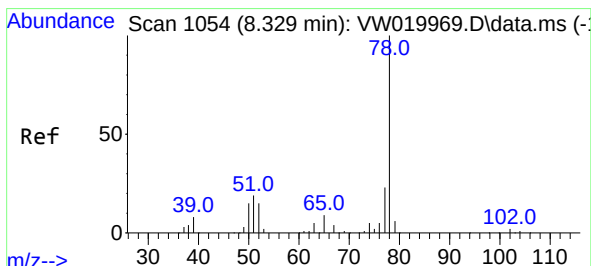
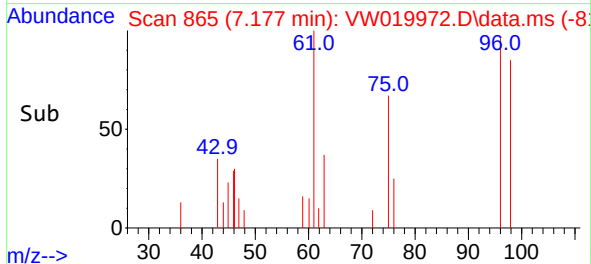
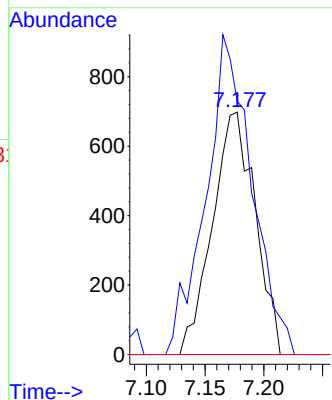
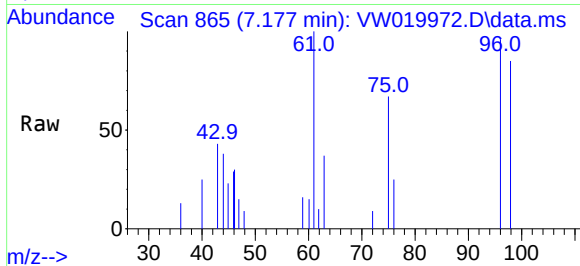


#20
 cis-1,2-Dichloroethene
 Concen: 0.466 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VW019972.D
 Acq: 01 Sep 2021 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6B2

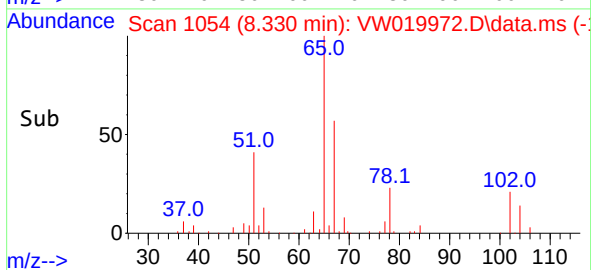
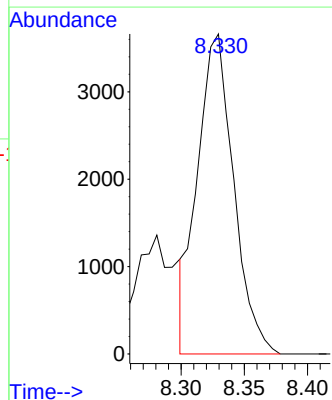
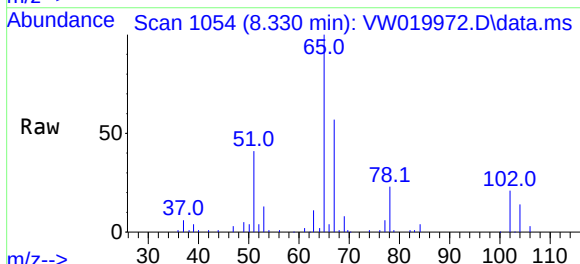
Tgt Ion: 96 Resp: 1772

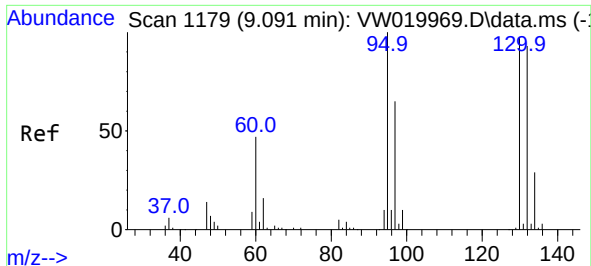
Ion	Ratio	Lower	Upper
96	100		
61	104.6	88.5	164.3
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.480 ug/L
 RT: 8.330 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VW019972.D
 Acq: 01 Sep 2021 12:59

Tgt Ion: 78 Resp: 7274





#34

Trichloroethene

Concen: 1.347 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW019972.D

Acq: 01 Sep 2021 12:59

Instrument :

MSVOA_W

ClientSampleId :

GB6B2

Tgt Ion: 95 Resp: 5305

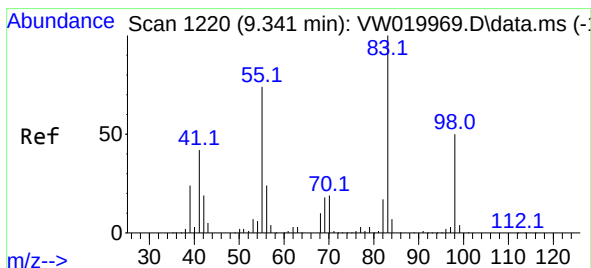
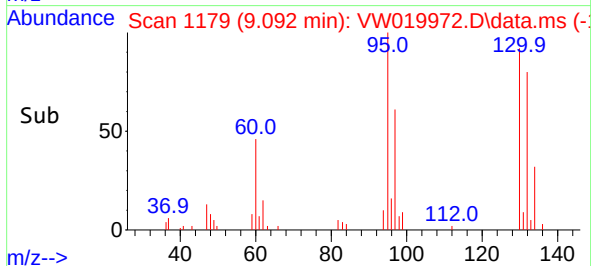
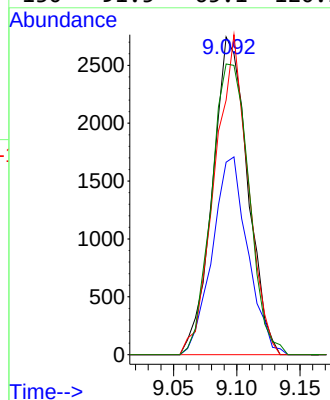
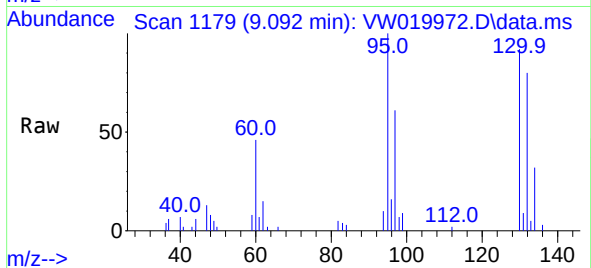
Ion Ratio Lower Upper

95 100

97 60.6 47.3 87.8

132 80.1 71.0 131.8

130 91.5 65.1 120.9



#35

Methylcyclohexane

Concen: 0.269 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.000 min

Lab File: VW019972.D

Acq: 01 Sep 2021 12:59

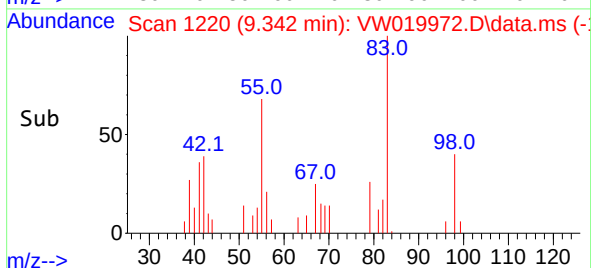
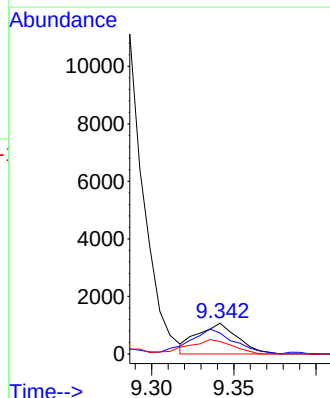
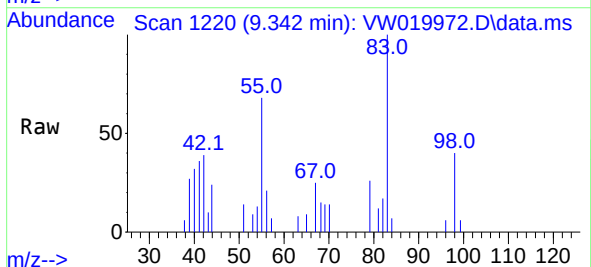
Tgt Ion: 83 Resp: 1815

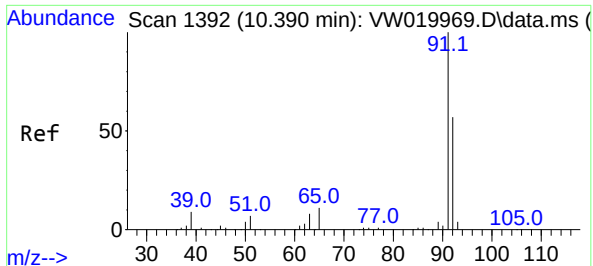
Ion Ratio Lower Upper

83 100

55 87.8 58.9 88.3

98 51.8 40.1 60.1

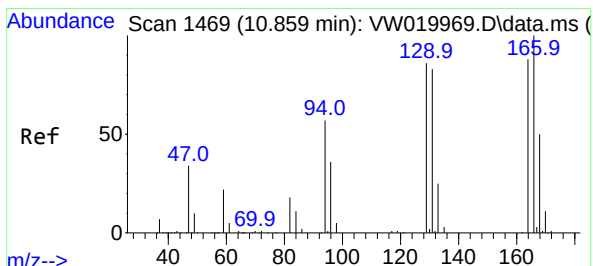
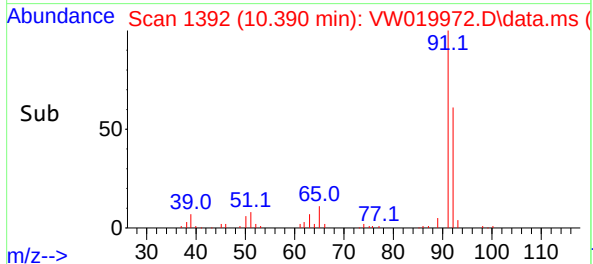
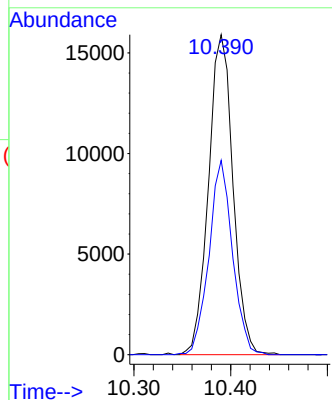
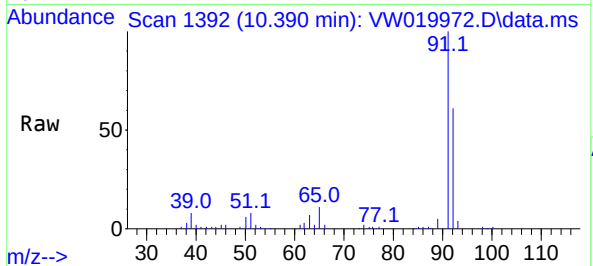




#42
Toluene
Concen: 1.743 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

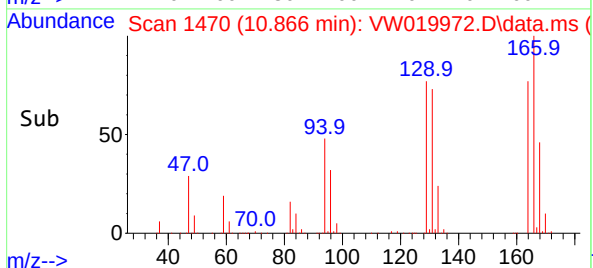
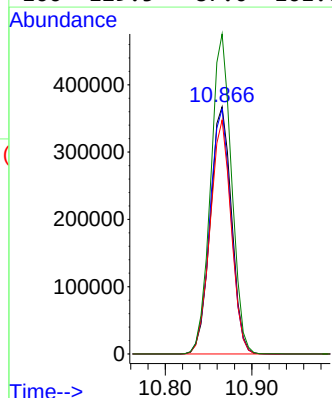
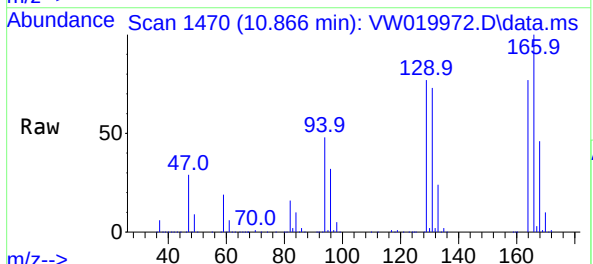
Instrument :
MSVOA_W
ClientSampled :
GB6B2

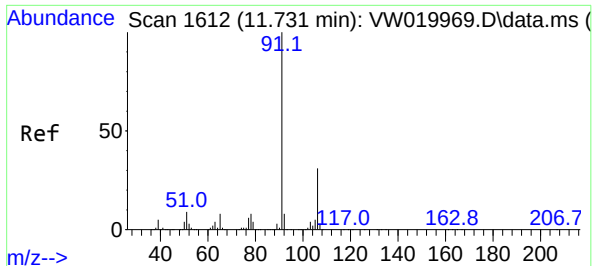
Tgt Ion: 91 Resp: 27964
Ion Ratio Lower Upper
91 100
92 60.7 39.5 73.3



#46
Tetrachloroethene
Concen: 209.405 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

Tgt Ion:164 Resp: 624683
Ion Ratio Lower Upper
164 100
129 99.1 66.7 123.9
131 94.7 61.1 113.5
166 129.5 87.0 161.6

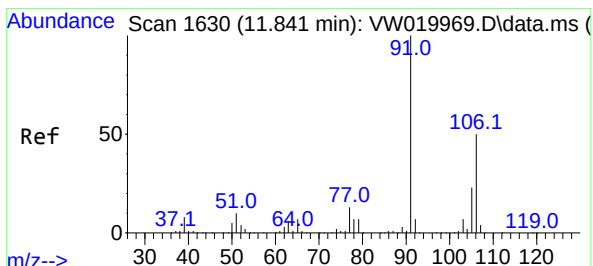
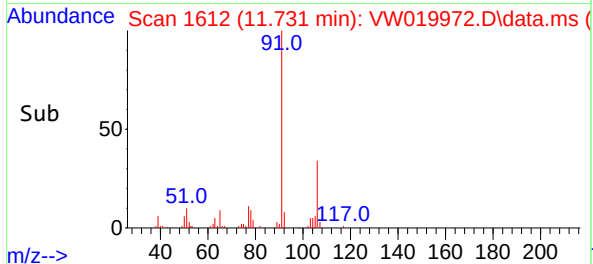
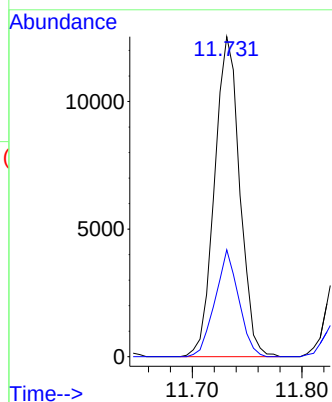
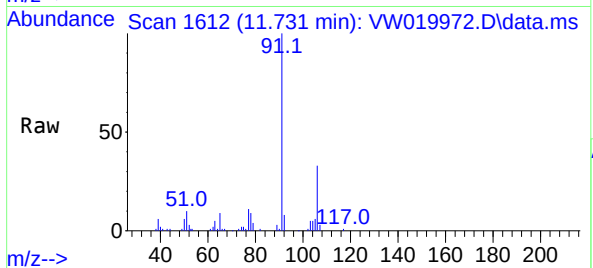




#52
Ethylbenzene
Concen: 1.160 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

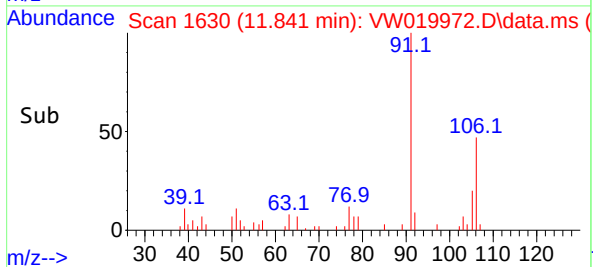
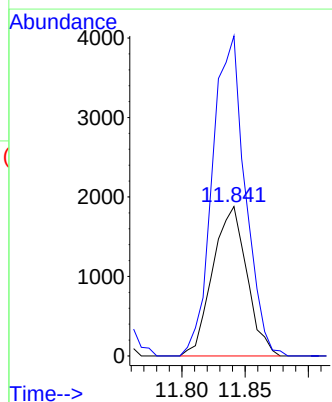
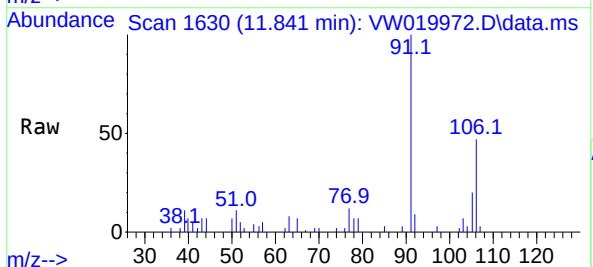
Instrument :
MSVOA_W
ClientSampled :
GB6B2

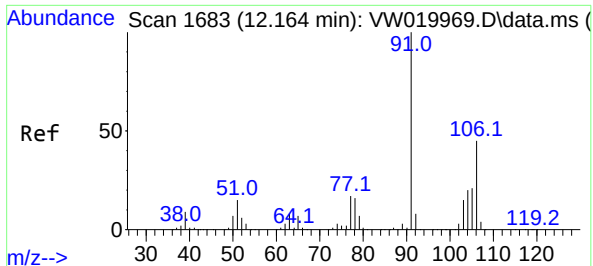
Tgt Ion: 91 Resp: 20046
Ion Ratio Lower Upper
91 100
106 33.4 22.5 41.7



#53
m,p-Xylene
Concen: 0.533 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

Tgt Ion: 106 Resp: 3537
Ion Ratio Lower Upper
106 100
91 214.0 141.3 262.3

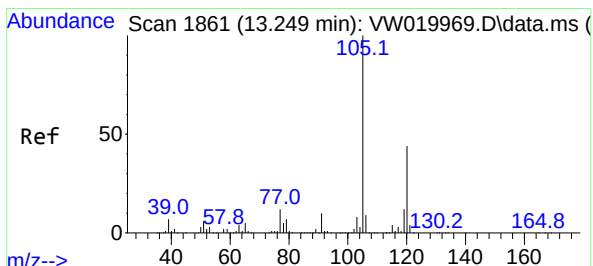
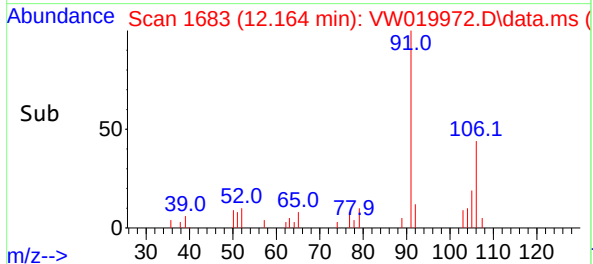
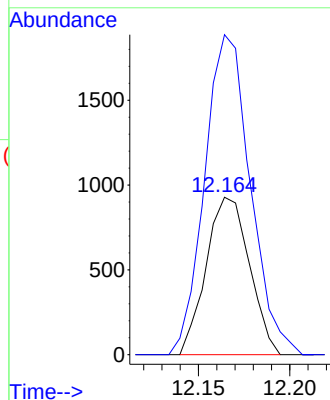
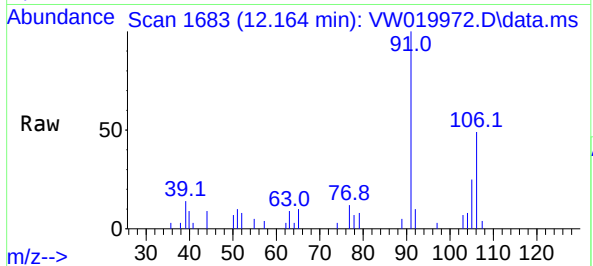




#54
o-Xylene
Concen: 0.243 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

Instrument :
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Tgt Ion:106 Resp: 1528
Ion Ratio Lower Upper
106 100
91 203.3 150.0 278.6



#63
1,2,4-Trimethylbenzene
Concen: 0.468 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019972.D
Acq: 01 Sep 2021 12:59

Tgt Ion:105 Resp: 4008
Ion Ratio Lower Upper
105 100
120 38.0 35.6 53.4

