

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092822\
 Data File : VW024650.D
 Acq On : 28 Sep 2022 11:10
 Operator : SY/VA
 Sample : N4858-01
 Misc : 5.31g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSE8

Quant Time: Sep 29 04:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 29 04:41:43 2022
 Response via : Initial Calibration

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

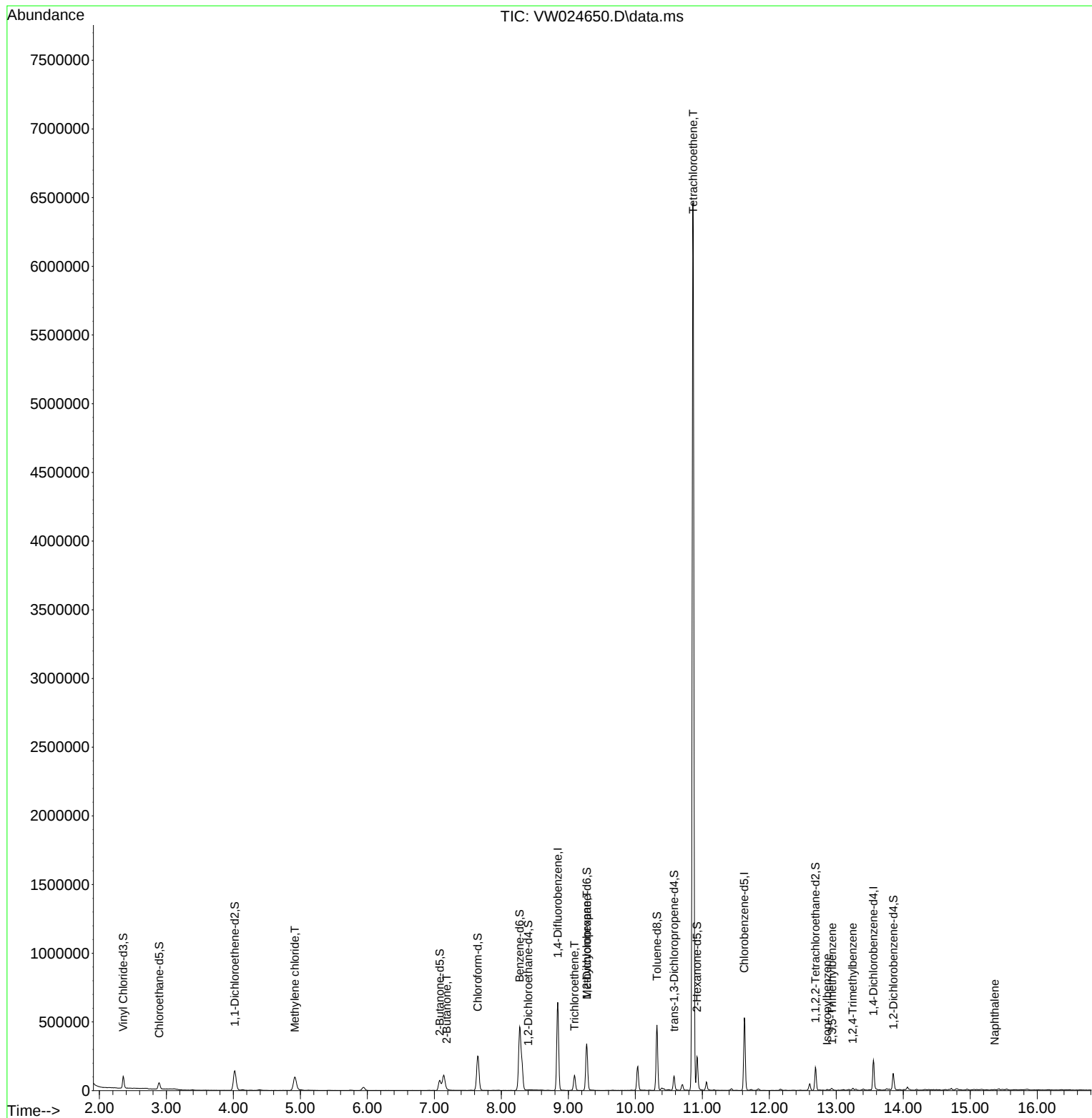
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	530679	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	288906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	54066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	84395	15.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.800%
7) Chloroethane-d5	2.891	69	55311	17.143	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
11) 1,1-Dichloroethene-d2	4.019	63	144278	11.227	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.920%#
21) 2-Butanone-d5	7.080	46	130101	65.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.340%
24) Chloroform-d	7.647	84	264835	18.667	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.680%
26) 1,2-Dichloroethane-d4	8.403	65	154	0.021	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	481195	26.059	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.240%
36) 1,2-Dichloropropane-d6	9.274	67	168257	29.822	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.280%
41) Toluene-d8	10.323	98	312917	18.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.840%
43) trans-1,3-Dichloroprop...	10.579	79	58085	23.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.480%
47) 2-Hexanone-d5	10.921	63	89605	92.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.640%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	85157	21.183	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	30706	16.140	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.560%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	77720	7.457	ug/L	95
22) 2-Butanone	7.183	43	12995	5.578	ug/L #	68
34) Trichloroethene	9.092	95	38384	7.489	ug/L	94
35) Methylcyclohexane	9.274	83	39084	4.160	ug/L #	18
46) Tetrachloroethene	10.866	164	1348194	387.158	ug/L	94
60) Isopropylbenzene	12.865	105	3719	0.422	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	3008	0.393	ug/L	90
63) 1,2,4-Trimethylbenzene	13.243	105	8634	1.151	ug/L	98
71) Naphthalene	15.365	128	3289	0.756	ug/L #	83

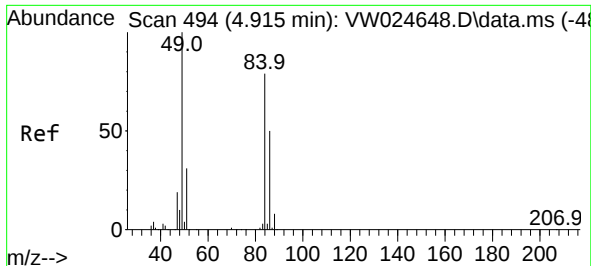
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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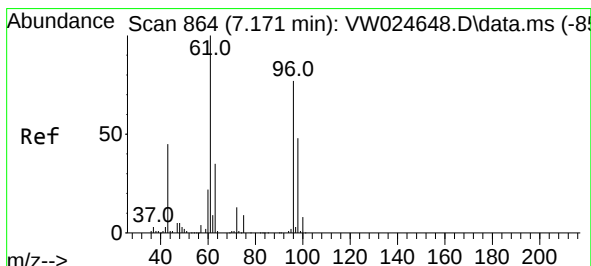
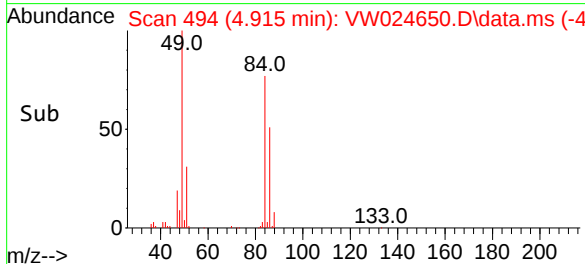
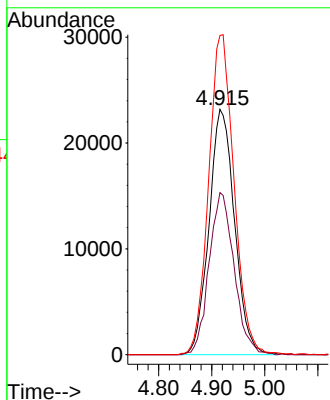
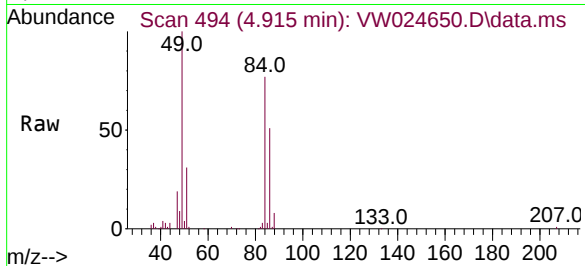




#16
Methylene chloride
Concen: 7.457 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

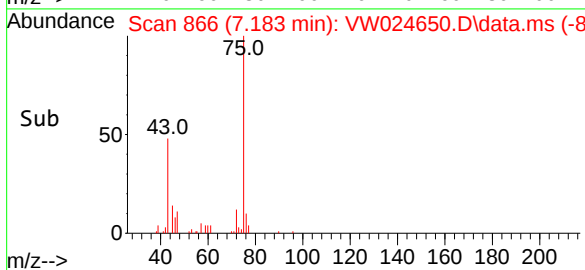
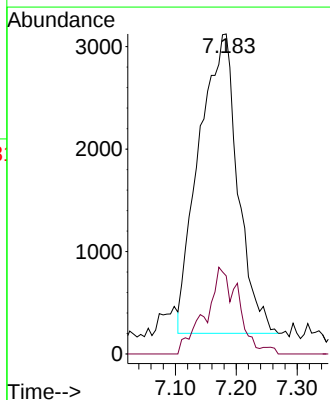
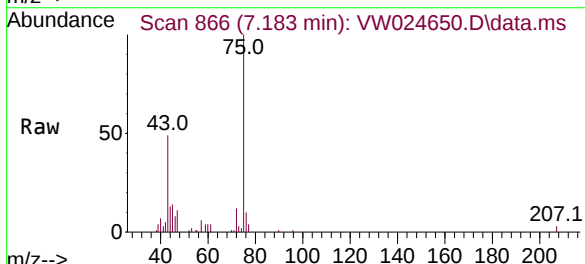
Instrument :
MSVOA_W
ClientSampleId :
BGSE8

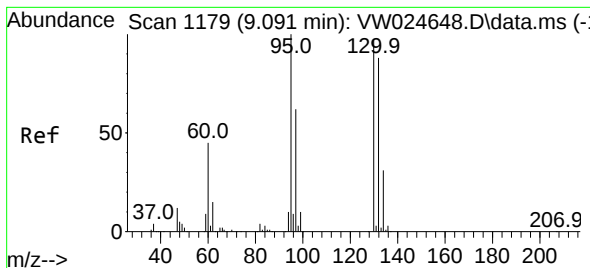
Tgt Ion: 84 Resp: 77720
Ion Ratio Lower Upper
84 100
86 66.1 44.0 81.8
49 130.2 87.4 162.2



#22
2-Butanone
Concen: 5.578 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

Tgt Ion: 43 Resp: 12995
Ion Ratio Lower Upper
43 100
72 10.8 13.8 41.3#





#34

Trichloroethene

Concen: 7.489 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024650.D

Acq: 28 Sep 2022 11:10

Instrument :

MSVOA_W

ClientSampleId :

BGSE8

Tgt Ion: 95 Resp: 38384

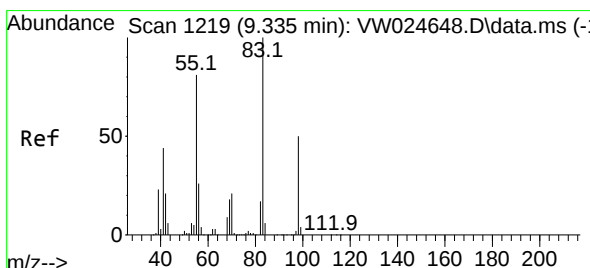
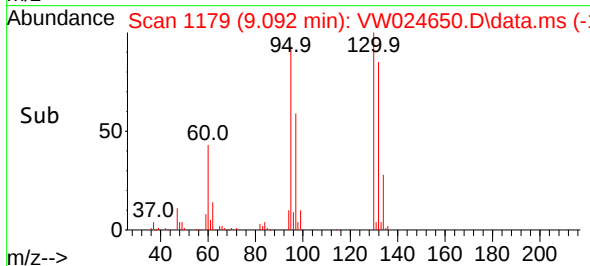
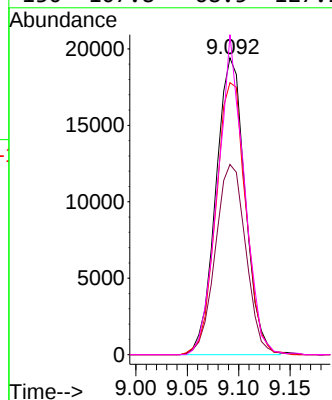
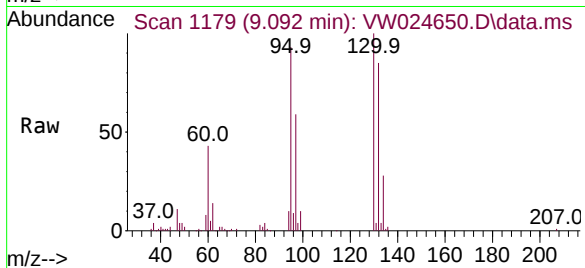
Ion Ratio Lower Upper

95 100

97 64.1 43.5 80.9

132 91.7 61.2 113.8

130 107.8 68.5 127.1



#35

Methylcyclohexane

Concen: 4.160 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW024650.D

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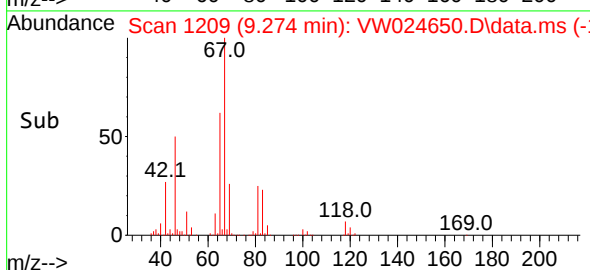
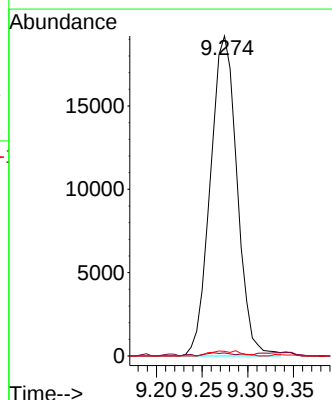
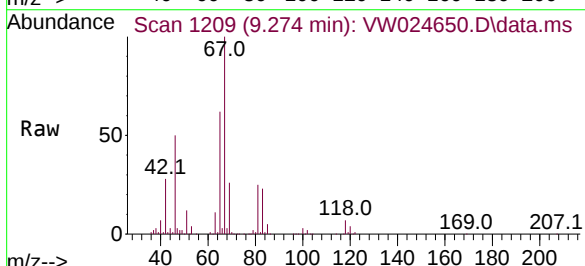
Tgt Ion: 83 Resp: 39084

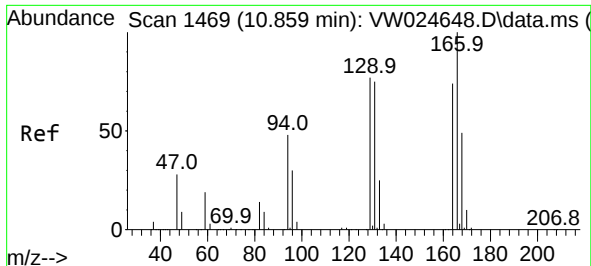
Ion Ratio Lower Upper

83 100

55 0.9 63.1 94.7#

98 1.2 38.3 57.5#

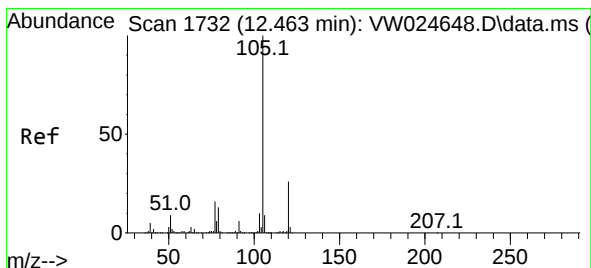
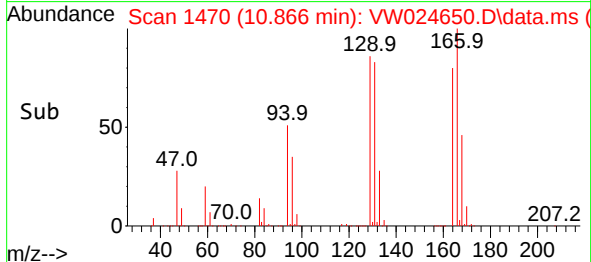
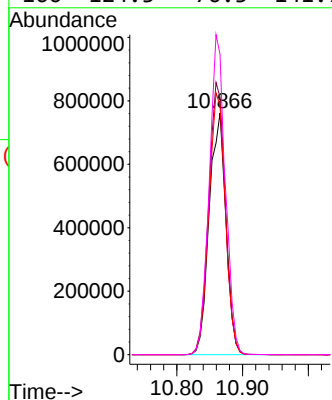
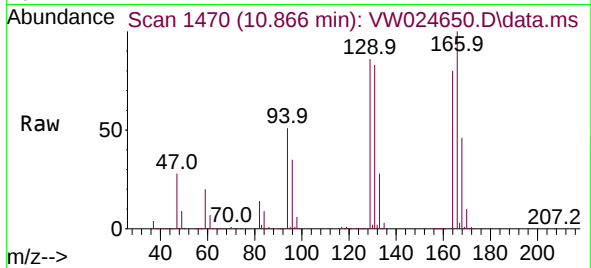




#46
Tetrachloroethene
Concen: 387.158 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

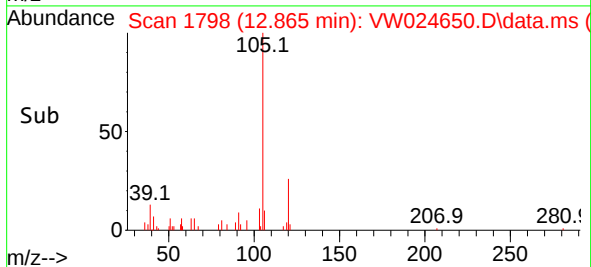
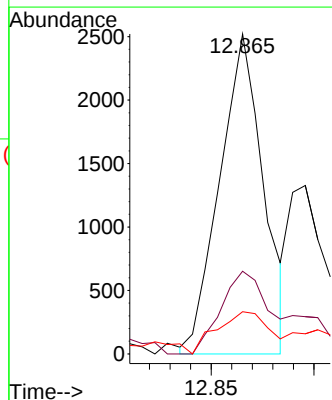
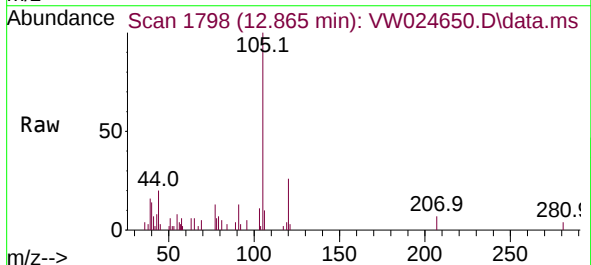
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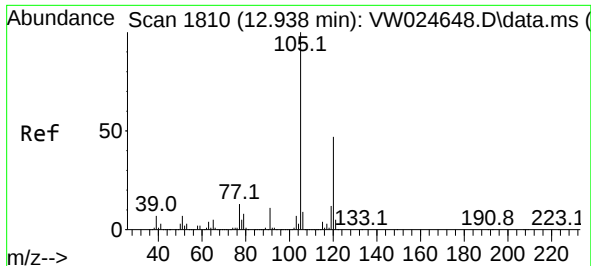
Tgt Ion:164 Resp: 1348194
Ion Ratio Lower Upper
164 100
129 106.5 74.1 137.5
131 103.0 71.5 132.7
166 124.3 76.3 141.7



#60
Isopropylbenzene
Concen: 0.422 ug/L
RT: 12.865 min Scan# 1798
Delta R.T. 0.403 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

Tgt Ion:105 Resp: 3719
Ion Ratio Lower Upper
105 100
120 27.7 20.9 31.3
77 15.7 12.7 19.1

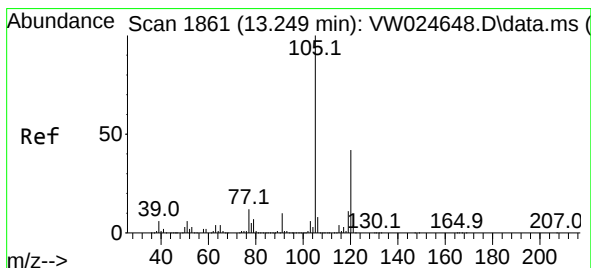
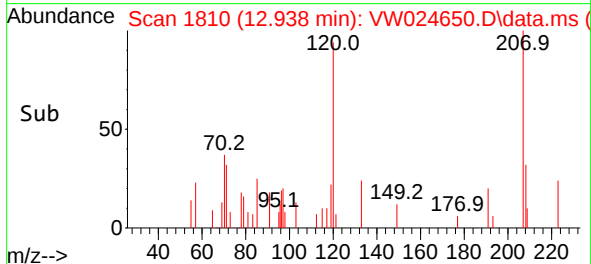
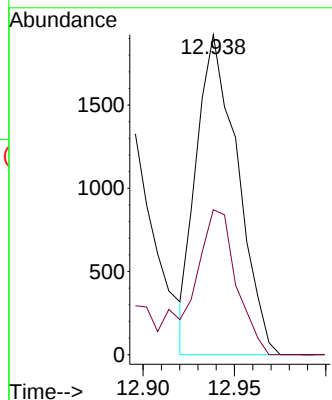
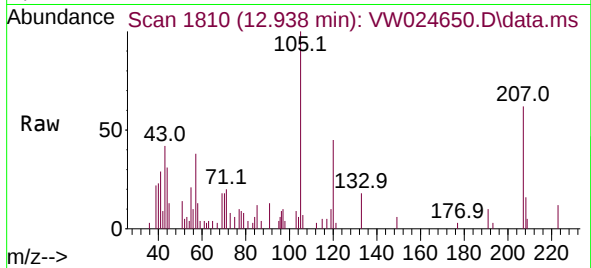




#62
1,3,5-Trimethylbenzene
Concen: 0.393 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

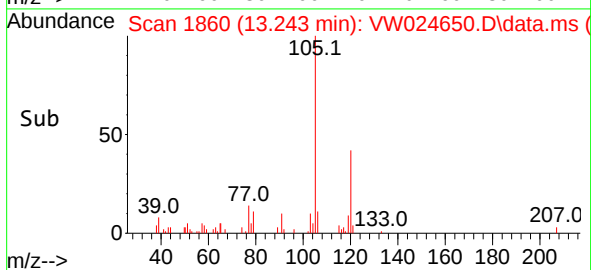
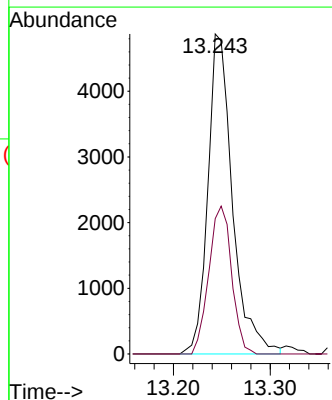
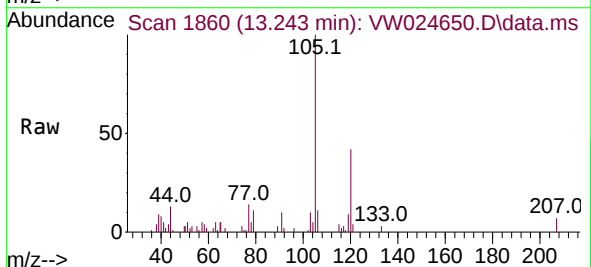
Instrument :
MSVOA_W
ClientSampleId :
BGSE8

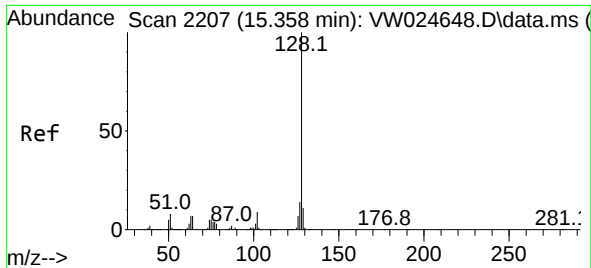
Tgt Ion:105 Resp: 3008
Ion Ratio Lower Upper
105 100
120 41.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 1.151 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

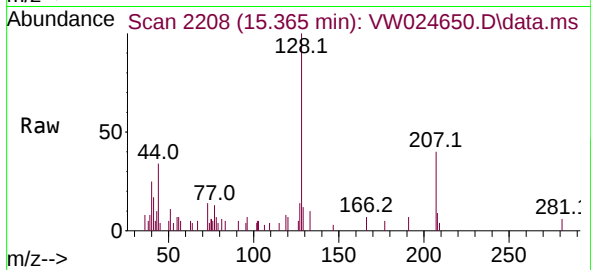
Tgt Ion:105 Resp: 8634
Ion Ratio Lower Upper
105 100
120 42.6 35.2 52.8





#71
Naphthalene
Concen: 0.756 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW024650.D
Acq: 28 Sep 2022 11:10

Instrument :
MSVOA_W
ClientSampleId :
BGSE8



Tgt Ion:128 Resp: 3289
Ion Ratio Lower Upper
128 100
127 5.4 10.6 16.0#
129 5.8 9.0 13.4#

