

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021430.D
 Acq On : 17 Dec 2021 14:53
 Operator : SY/VA
 Sample : M5121-04
 Misc : 5.26g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL53

Quant Time: Dec 17 21:16:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

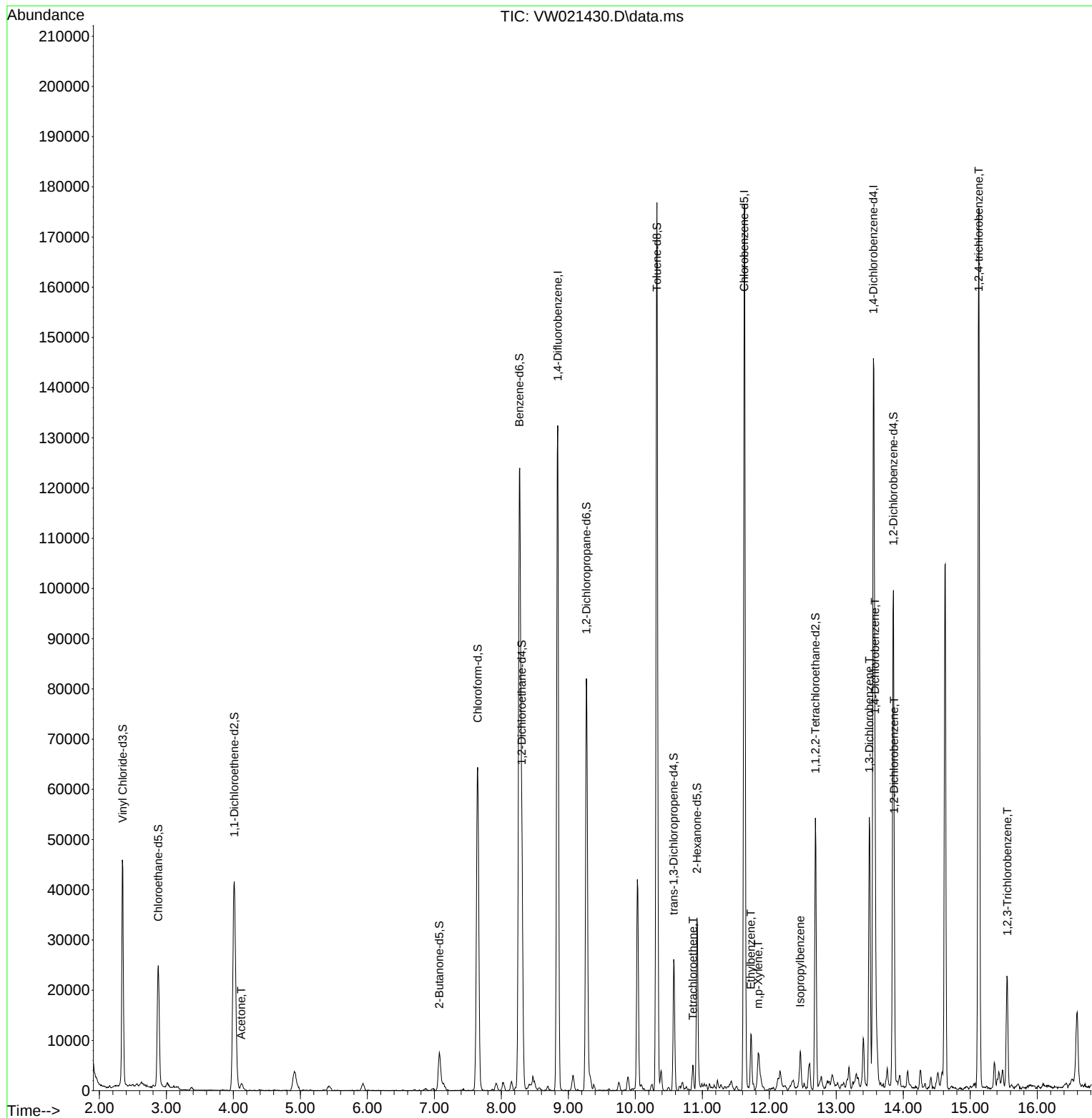
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114075	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	37532	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44211	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.879	69	29963	21.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.280%
11) 1,1-Dichloroethene-d2	4.013	63	40091	14.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.880%
21) 2-Butanone-d5	7.074	46	12693	43.342	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.680%
24) Chloroform-d	7.647	84	65159	20.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	8.305	65	37674	22.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.269	84	127524	23.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	9.268	67	35607	24.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	10.323	98	115775	21.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	10.573	79	13920	20.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.960%
47) 2-Hexanone-d5	10.920	63	11187	52.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23797	19.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	25593	17.595	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.360%#
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	2634	10.033	ug/L	92
46) Tetrachloroethene	10.860	164	1070	0.752	ug/L	79
52) Ethylbenzene	11.725	91	8050	1.128	ug/L	99
53) m,p-Xylene	11.835	106	2492	0.866	ug/L	76
60) Isopropylbenzene	12.463	105	3170	0.622	ug/L	# 91
64) 1,3-Dichlorobenzene	13.493	146	22971	9.549	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	24110	10.088	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	4381	2.069	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	55846	38.618	ug/L	95
72) 1,2,3-Trichlorobenzene	15.554	180	7532	6.302	ug/L	97

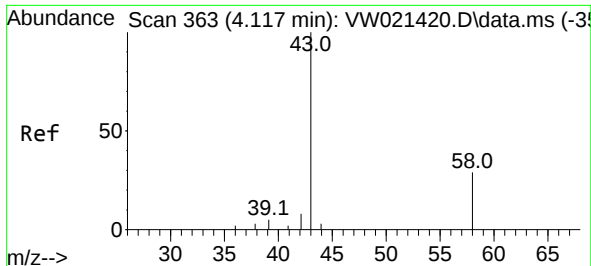
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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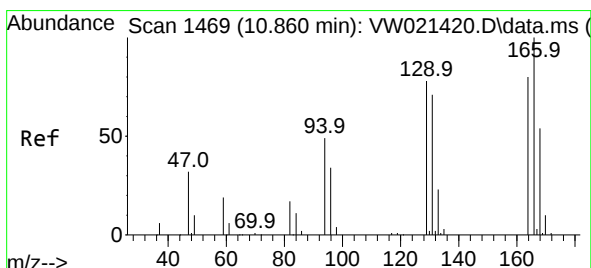
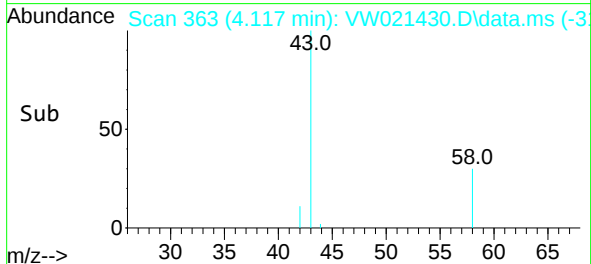
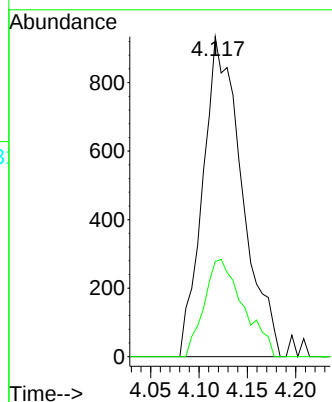
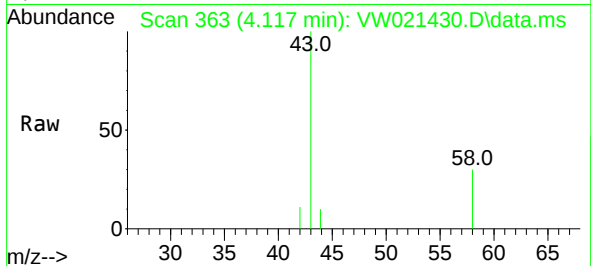




#13
Acetone
Concen: 10.033 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.012 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

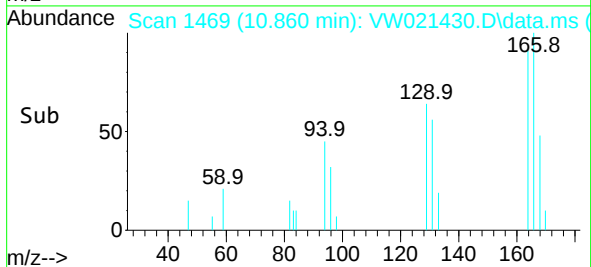
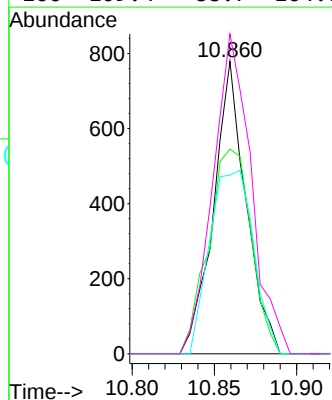
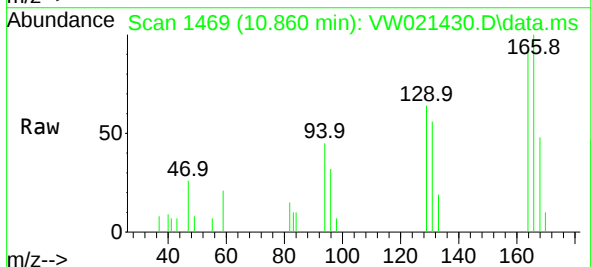
Instrument :
MSVOA_W
ClientSampleId :
BGL53

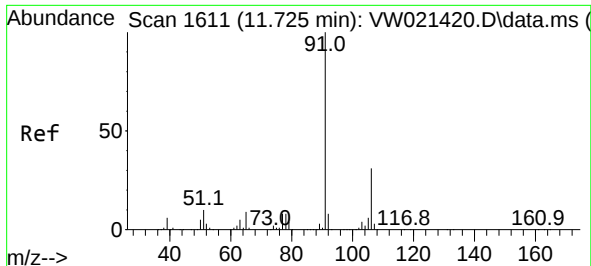
Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 30.3 0.0 52.8



#46
Tetrachloroethene
Concen: 0.752 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 164 Resp: 1070
Ion Ratio Lower Upper
164 100
129 70.0 65.5 121.7
131 61.1 59.7 110.9
166 109.4 88.7 164.7

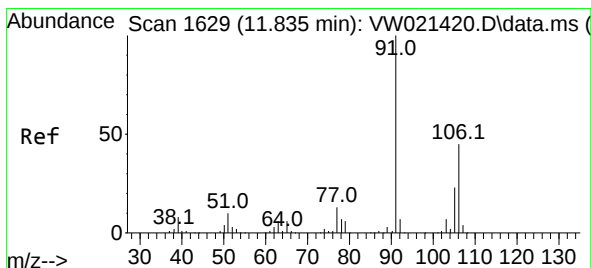
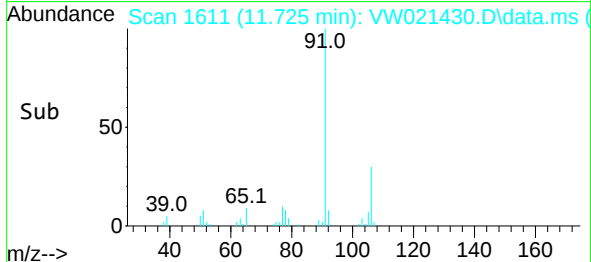
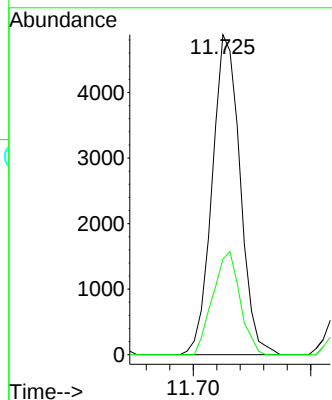
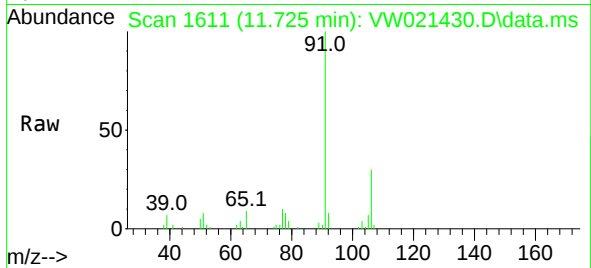




#52
Ethylbenzene
Concen: 1.128 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

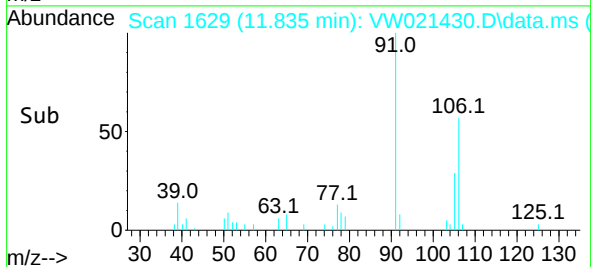
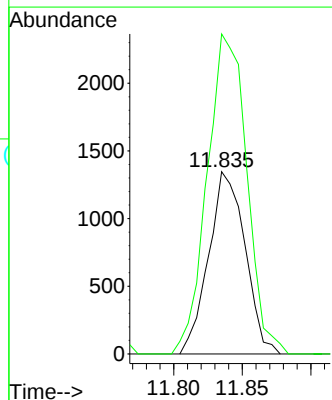
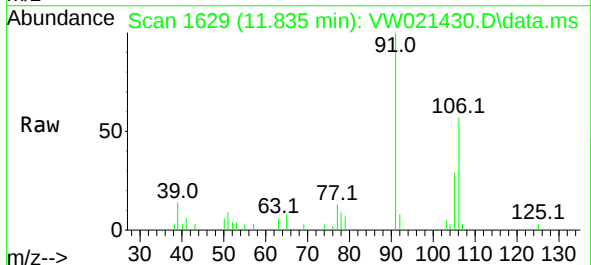
Instrument :
MSVOA_W
ClientSampleId :
BGL53

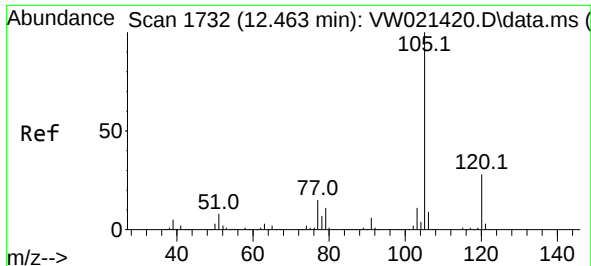
Tgt Ion: 91 Resp: 8050
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 0.866 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 106 Resp: 2492
Ion Ratio Lower Upper
106 100
91 175.6 149.9 278.3

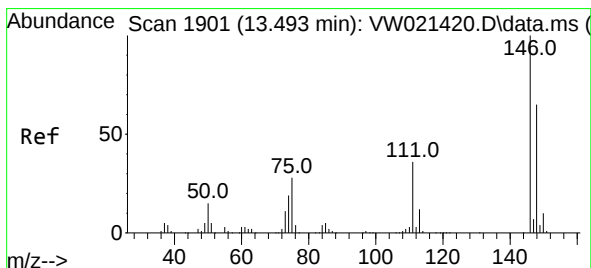
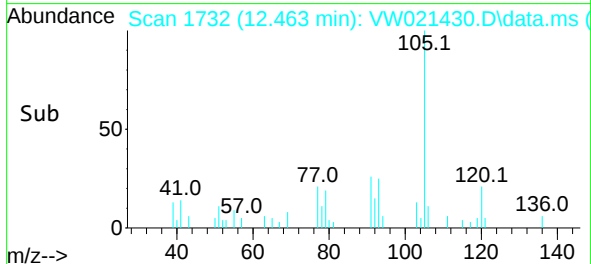
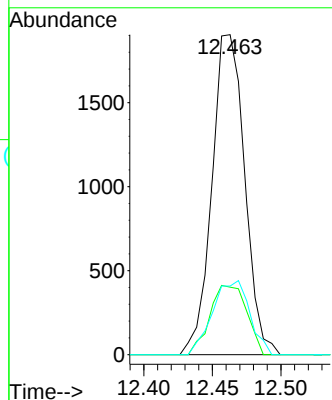
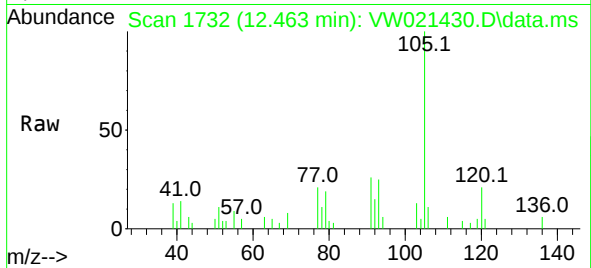




#60
Isopropylbenzene
Concen: 0.622 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

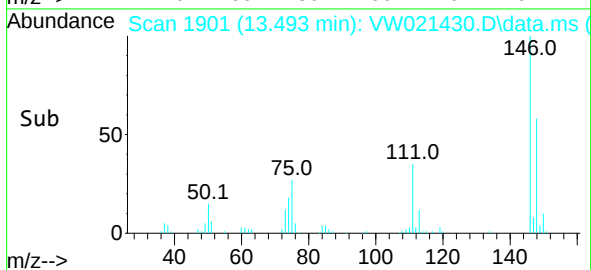
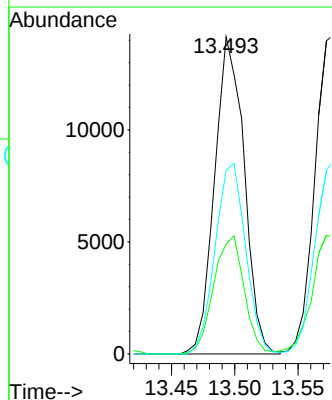
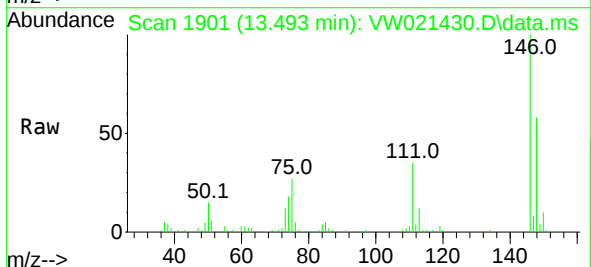
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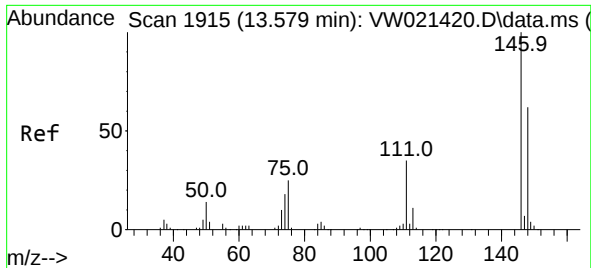
Tgt Ion:105 Resp: 3170
Ion Ratio Lower Upper
105 100
120 24.3 20.1 30.1
77 26.2 13.8 20.8#



#64
1,3-Dichlorobenzene
Concen: 9.549 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion:146 Resp: 22971
Ion Ratio Lower Upper
146 100
111 34.6 29.8 55.3
148 57.9 46.2 85.8

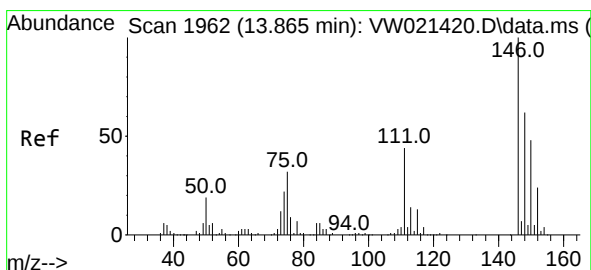
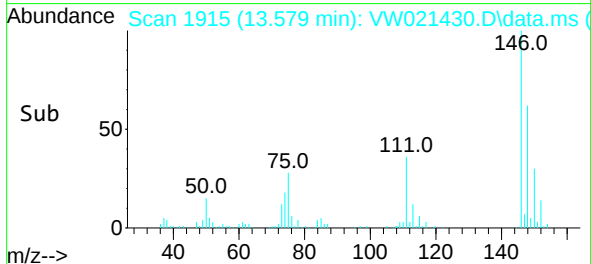
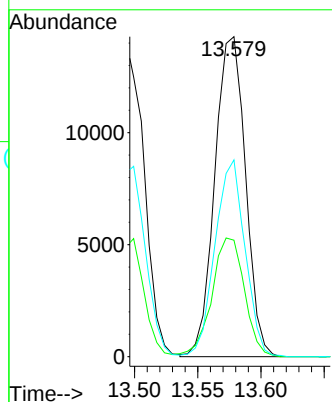
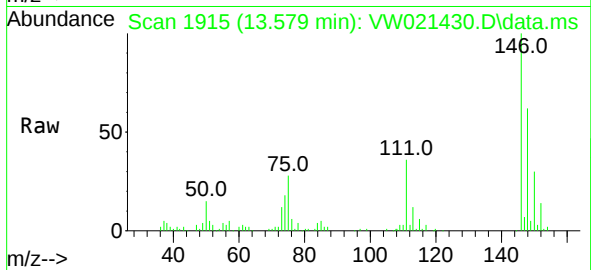




#65
1,4-Dichlorobenzene
Concen: 10.088 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

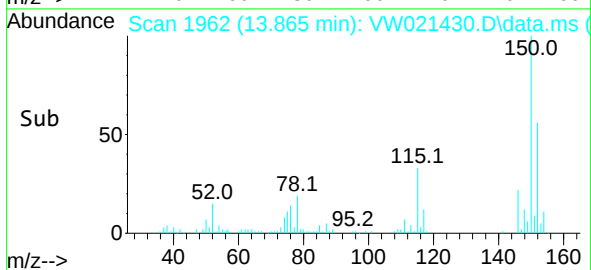
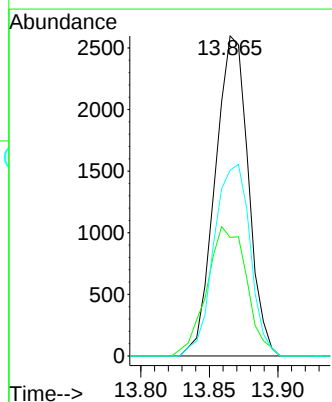
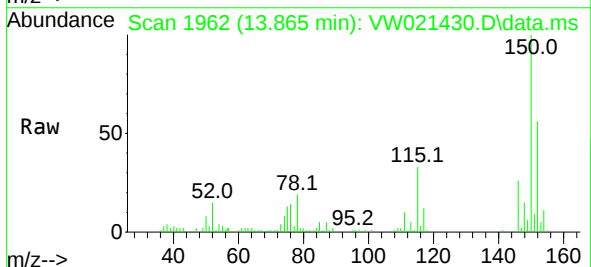
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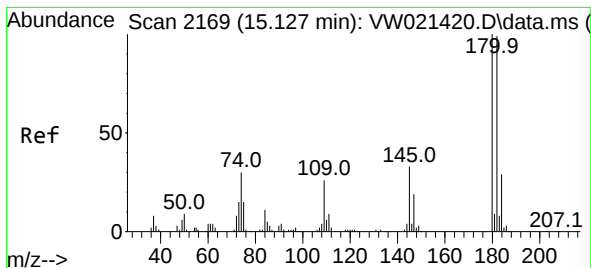
Tgt Ion:146 Resp: 24110
Ion Ratio Lower Upper
146 100
111 36.4 29.0 53.9
148 61.5 46.9 87.1



#67
1,2-Dichlorobenzene
Concen: 2.069 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW021430.D
Acq: 17 Dec 2021 14:53

Tgt Ion:146 Resp: 4381
Ion Ratio Lower Upper
146 100
111 37.1 33.1 49.7
148 58.1 47.4 71.2





#70

1,2,4-trichlorobenzene

Concen: 38.618 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_W

ClientSampleId :

BGL53

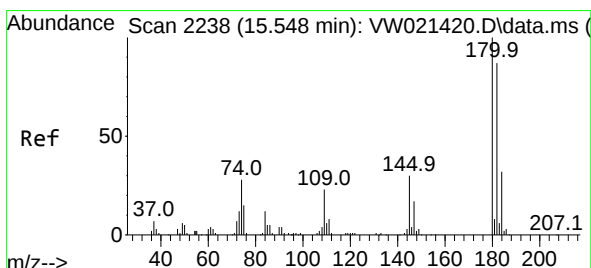
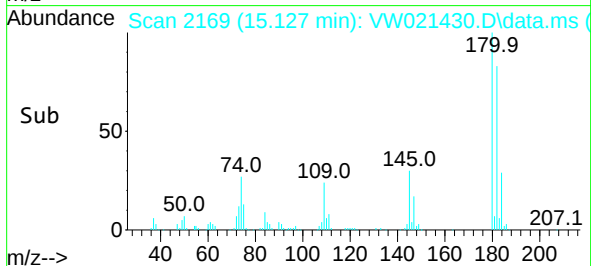
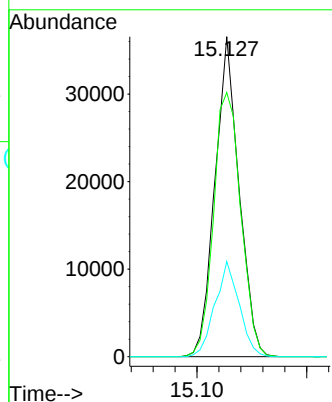
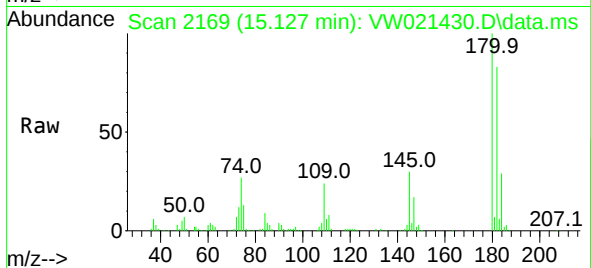
Tgt Ion:180 Resp: 55846

Ion Ratio Lower Upper

180 100

182 93.3 79.0 118.6

145 29.9 26.0 39.0



#72

1,2,3-Trichlorobenzene

Concen: 6.302 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW021430.D

Acq: 17 Dec 2021 14:53

Tgt Ion:180 Resp: 7532

Ion Ratio Lower Upper

180 100

182 99.3 76.6 114.8

145 33.7 27.4 41.0

