

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080522\
 Data File : VW024193.D
 Acq On : 05 Aug 2022 15:35
 Operator : SY/VA
 Sample : N4030-01
 Misc : 4.67g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0QB0

Quant Time: Aug 05 23:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 05 23:43:03 2022
 Response via : Initial Calibration

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

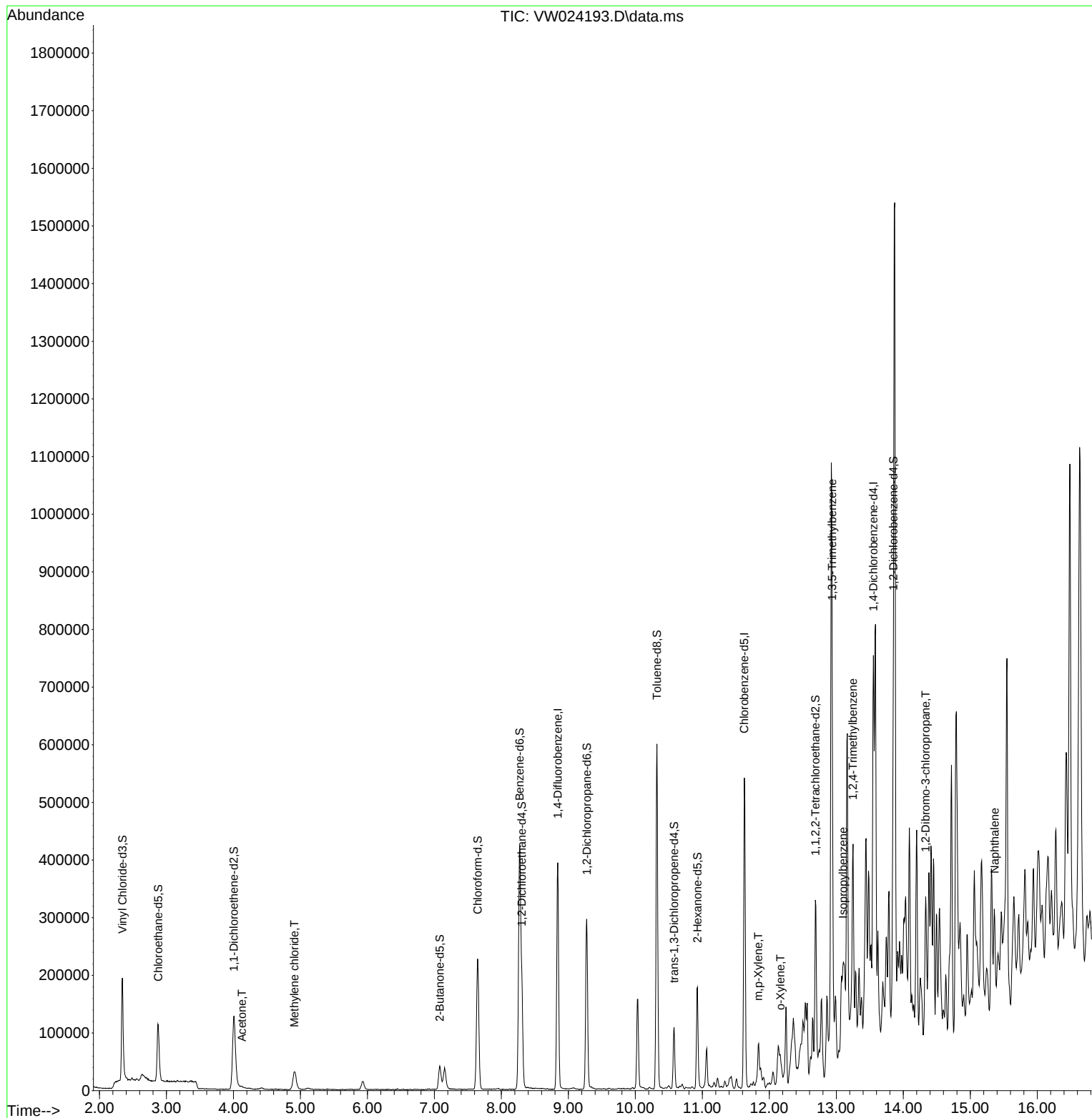
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	315596	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	289987	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	122746	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	197374	29.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.680%
7) Chloroethane-d5	2.879	69	118569	28.853	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	4.007	63	137758	18.324	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.280%
21) 2-Butanone-d5	7.079	46	64416	52.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.980%
24) Chloroform-d	7.646	84	221481	23.194	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.760%
26) 1,2-Dichloroethane-d4	8.305	65	133973	25.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.274	84	430981	25.200	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	9.274	67	129357	25.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.480%
41) Toluene-d8	10.323	98	381877	23.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.560%
43) trans-1,3-Dichloroprop...	10.579	79	56106	25.368	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.926	63	56114	60.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	123851	25.280	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	111771	24.884	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.520%
Target Compounds					Qvalue	
13) Acetone	4.129	43	2749	3.042	ug/L	94
16) Methylene chloride	4.909	84	26397	4.743	ug/L	94
53) m,p-Xylene	11.835	106	5730	0.738	ug/L	97
54) o-Xylene	12.164	106	9683	1.320	ug/L	81
60) Isopropylbenzene	13.103	105	85147	5.730	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	83150	6.772	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	181971	15.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.334	75	1995	3.496	ug/L #	8
71) Naphthalene	15.365	128	128617	17.281	ug/L	97

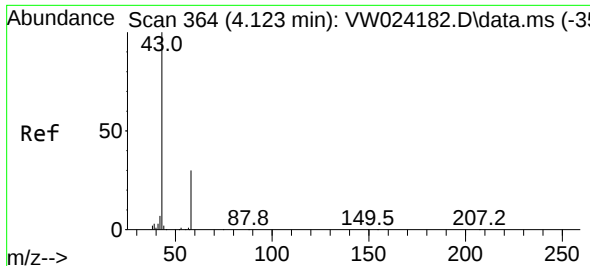
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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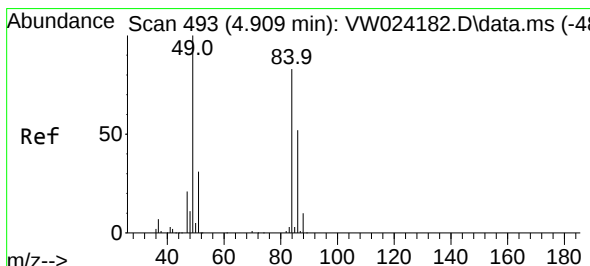
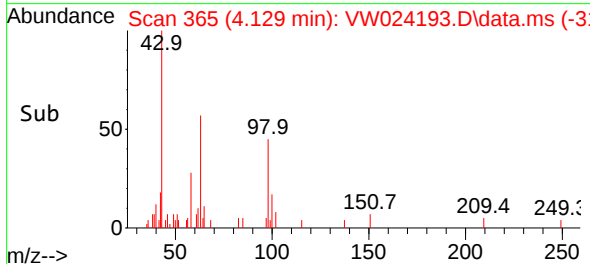
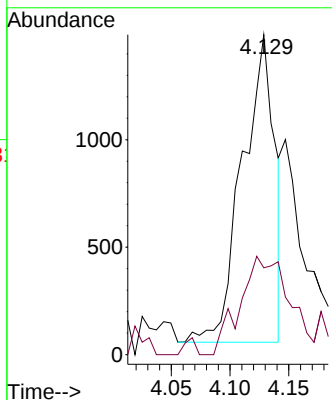
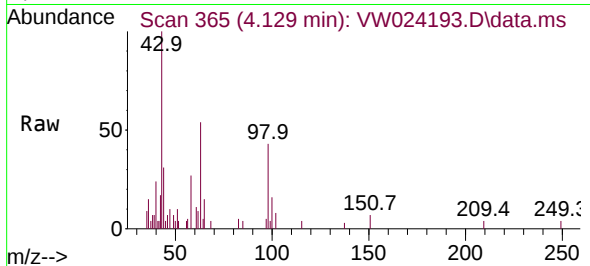




#13
Acetone
Concen: 3.042 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

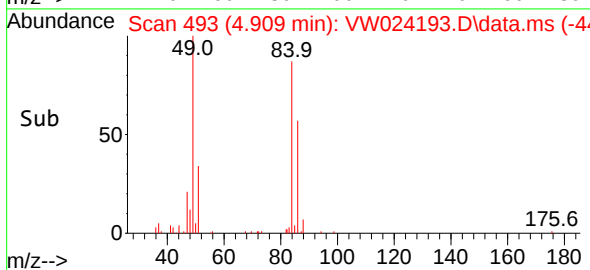
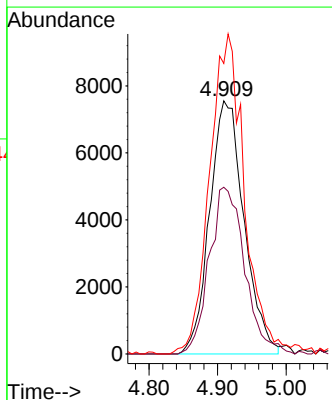
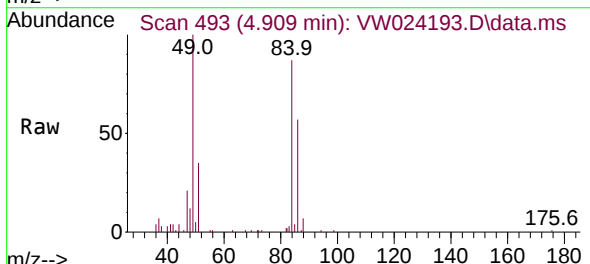
Instrument :
MSVOA_W
ClientSampleId :
C0QB0

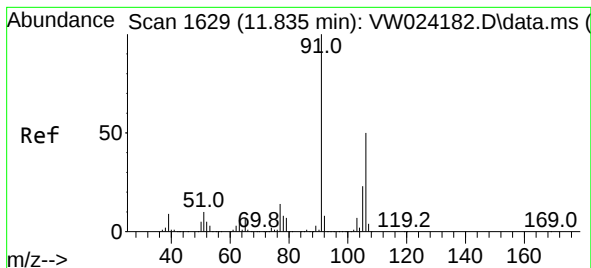
Tgt Ion: 43 Resp: 2749
Ion Ratio Lower Upper
43 100
58 13.2 0.0 31.8



#16
Methylene chloride
Concen: 4.743 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

Tgt Ion: 84 Resp: 26397
Ion Ratio Lower Upper
84 100
86 65.8 42.8 79.6
49 114.8 85.3 158.3

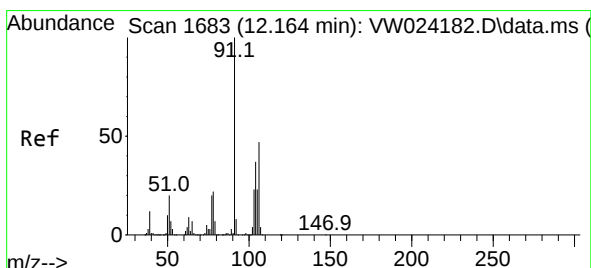
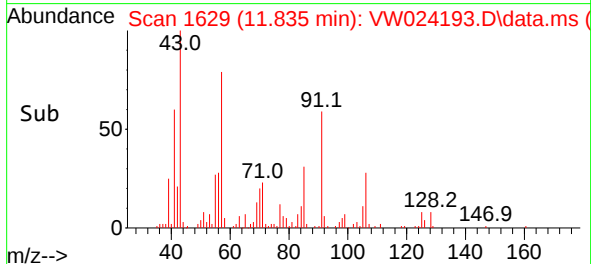
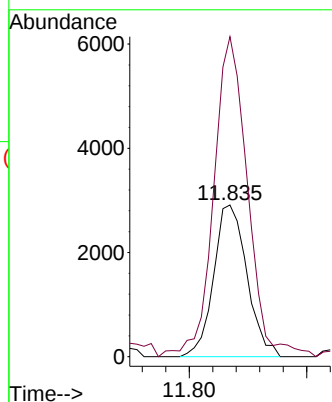
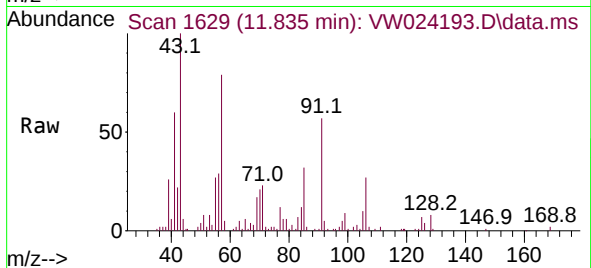




#53
m,p-Xylene
Concen: 0.738 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

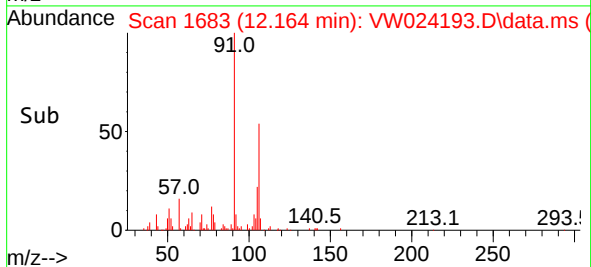
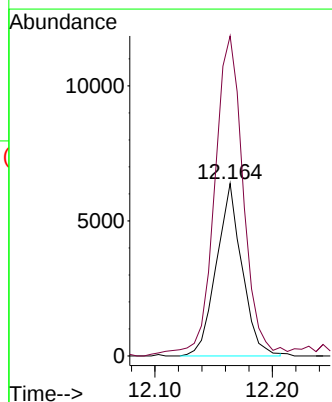
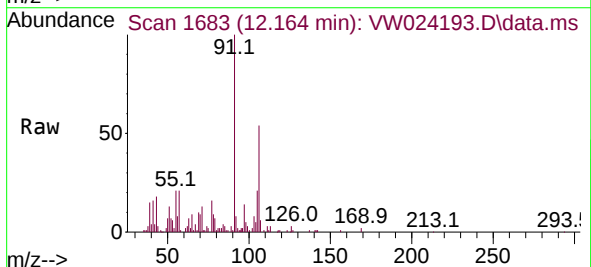
Instrument :
MSVOA_W
ClientSampleId :
C0QB0

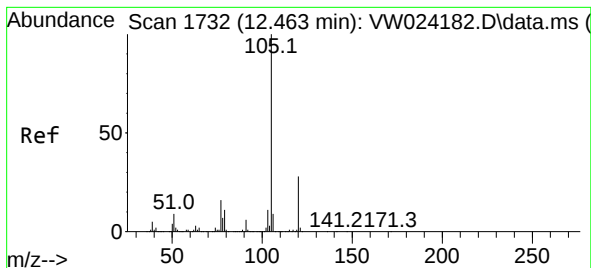
Tgt Ion:106 Resp: 5730
Ion Ratio Lower Upper
106 100
91 210.9 144.1 267.7



#54
o-Xylene
Concen: 1.320 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

Tgt Ion:106 Resp: 9683
Ion Ratio Lower Upper
106 100
91 185.5 150.9 280.3





#60

Isopropylbenzene

Concen: 5.730 ug/L

RT: 13.103 min Scan# 1837

Delta R.T. 0.640 min

Lab File: VW024193.D

Acq: 05 Aug 2022 15:35

Instrument :

MSVOA_W

ClientSampleId :

C0QB0

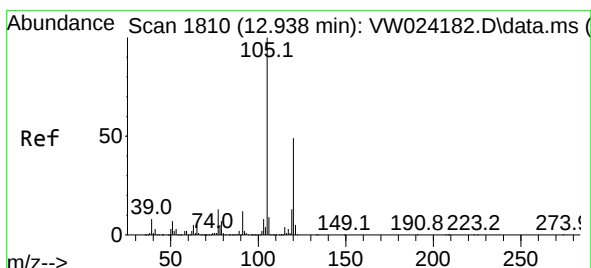
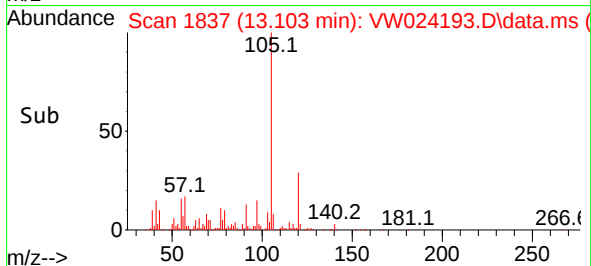
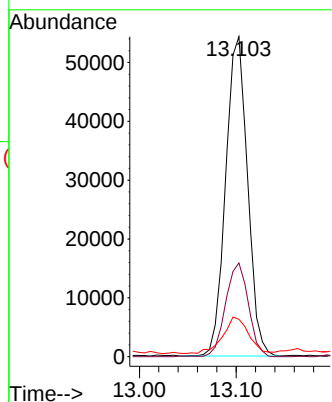
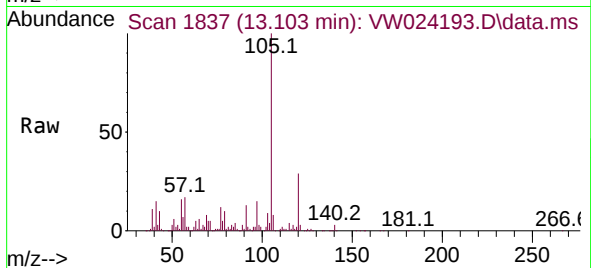
Tgt Ion:105 Resp: 85147

Ion Ratio Lower Upper

105 100

120 30.5 21.4 32.2

77 13.2 12.4 18.6



#62

1,3,5-Trimethylbenzene

Concen: 6.772 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024193.D

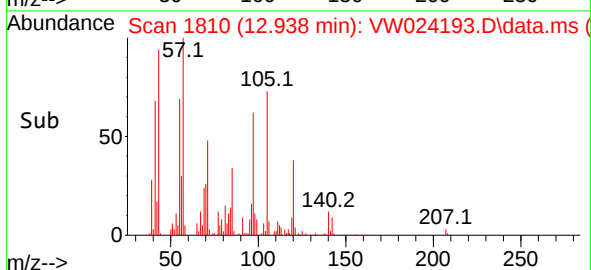
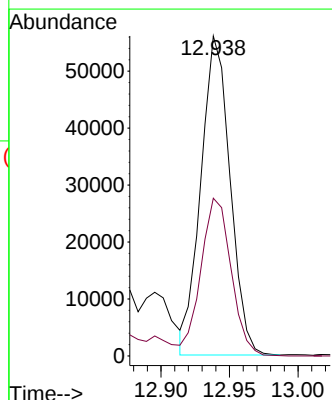
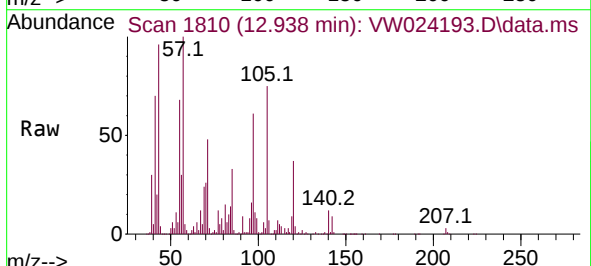
Acq: 05 Aug 2022 15:35

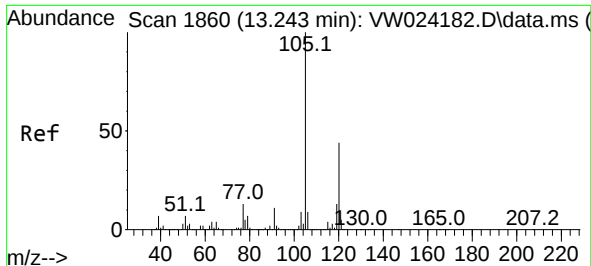
Tgt Ion:105 Resp: 83150

Ion Ratio Lower Upper

105 100

120 50.6 39.7 59.5

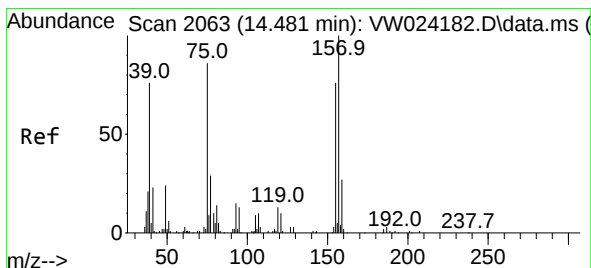
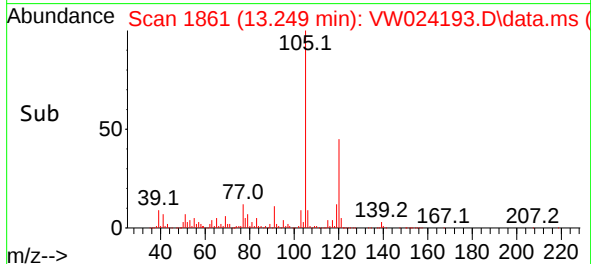
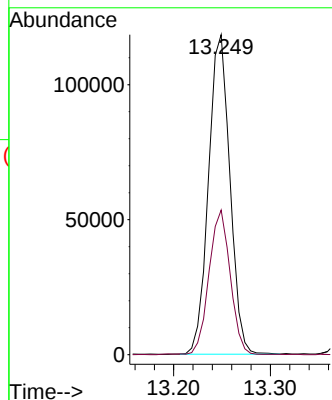
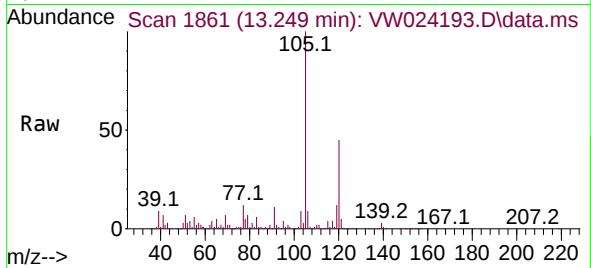




#63
1,2,4-Trimethylbenzene
Concen: 15.047 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

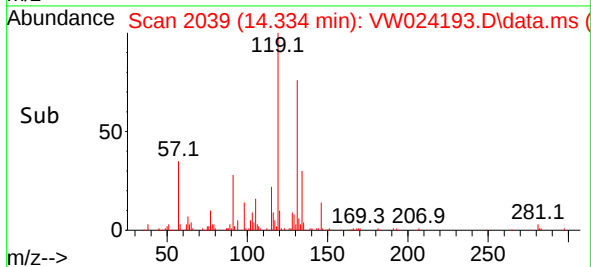
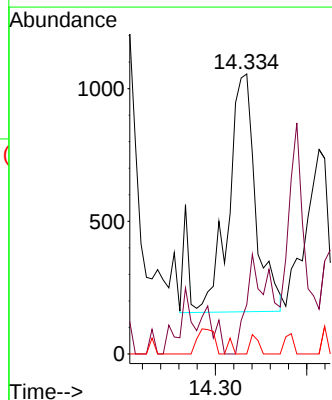
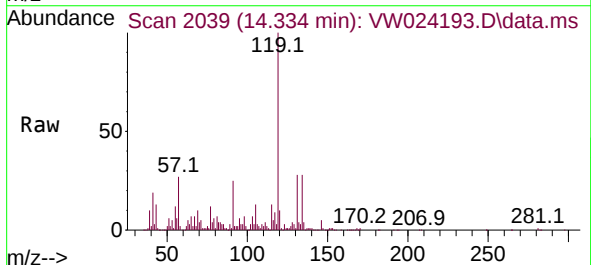
Instrument :
MSVOA_W
ClientSampleId :
C0QB0

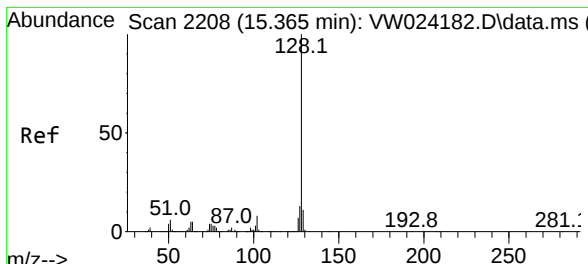
Tgt Ion:105 Resp: 181971
Ion Ratio Lower Upper
105 100
120 44.7 36.4 54.6



#68
1,2-Dibromo-3-chloropropane
Concen: 3.496 ug/L
RT: 14.334 min Scan# 2039
Delta R.T. -0.147 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

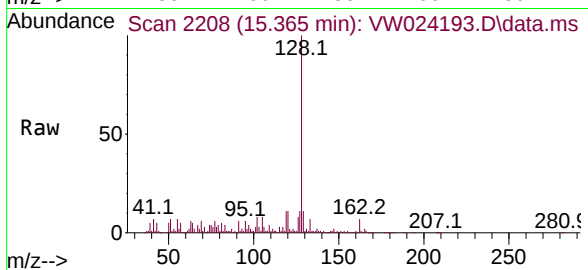
Tgt Ion: 75 Resp: 1995
Ion Ratio Lower Upper
75 100
155 17.6 68.8 103.2#
157 0.0 91.5 137.3#





#71
Naphthalene
Concen: 17.281 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024193.D
Acq: 05 Aug 2022 15:35

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:	128	Resp:	128617
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.7	16.1
129	9.5	8.8	13.2

