

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035175.D
 Acq On : 19 Apr 2023 17:24
 Operator : JC/MD
 Sample : 02333-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

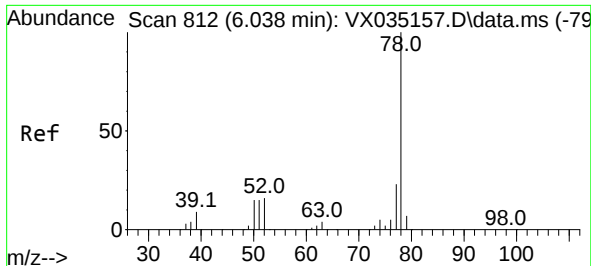
Instrument :
 MSVOA_X
 ClientSampleId :
 COMG8

Quant Time: Apr 20 02:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	503785	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	205530	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	109365	33.667	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.340%
7) Chloroethane-d5	1.672	69	82846	35.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.580%
11) 1,1-Dichloroethene-d2	2.306	65	56267	36.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.400%
21) 2-Butanone-d5	4.465	46	158492	73.216	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.220%
24) Chloroform-d	5.056	84	217827	35.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.220%
26) 1,2-Dichloroethane-d4	5.958	65	146000	37.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.340%
32) Benzene-d6	5.976	84	478876	38.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.120%
36) 1,2-Dichloropropane-d6	7.305	67	145535	37.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.740%
41) Toluene-d8	8.647	98	432081	37.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.140%#
43) trans-1,3-Dichloroprop...	8.952	79	44233	26.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.660%#
47) 2-Hexanone-d5	9.384	63	109926	71.222	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.220%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	175813	37.352	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	152930	38.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	1999323	150.728	ug/L	100
51) Chlorobenzene	10.079	112	2150196	237.155	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	47454	7.445	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	749375	114.896	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	612060	94.704	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	48916	13.258	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	5257	1.443	ug/L	97

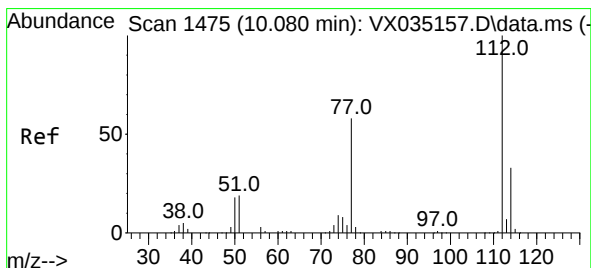
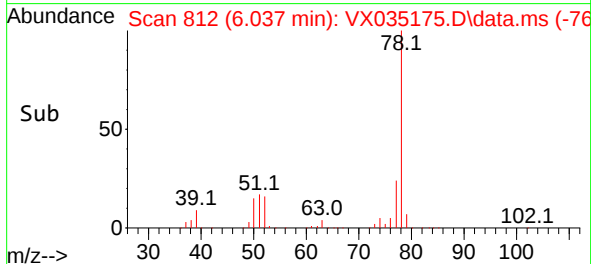
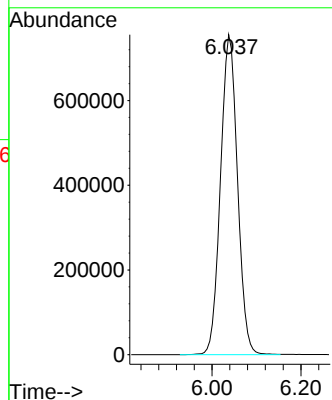
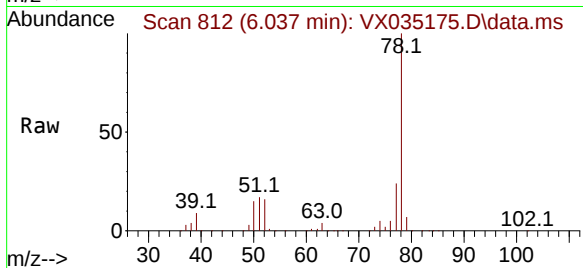
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#33
Benzene
Concen: 150.728 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035175.D
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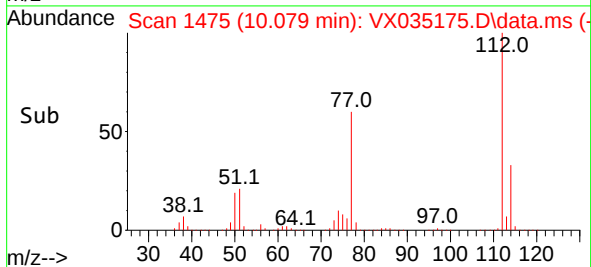
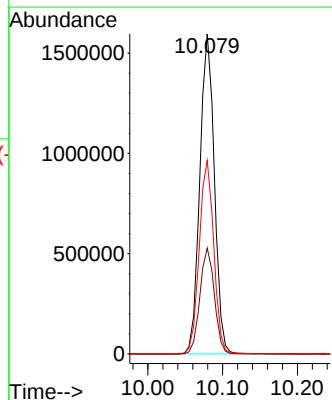
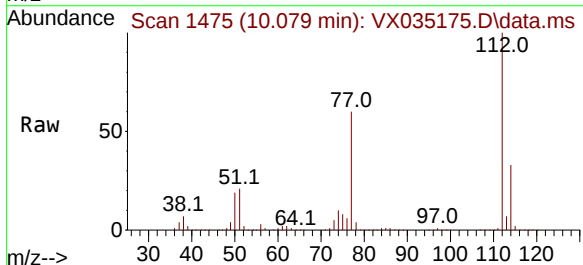
Tgt Ion: 78 Resp: 1999323

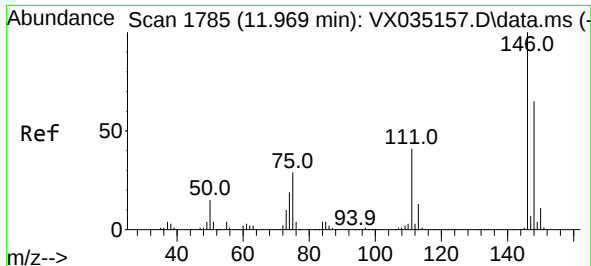


#51
Chlorobenzene
Concen: 237.155 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

Tgt Ion:112 Resp: 2150196

Ion	Ratio	Lower	Upper
112	100		
114	33.1	22.4	41.6
77	60.5	47.0	70.6

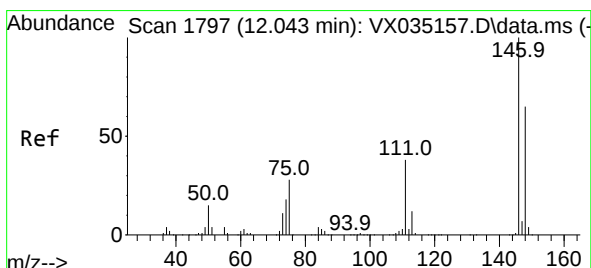
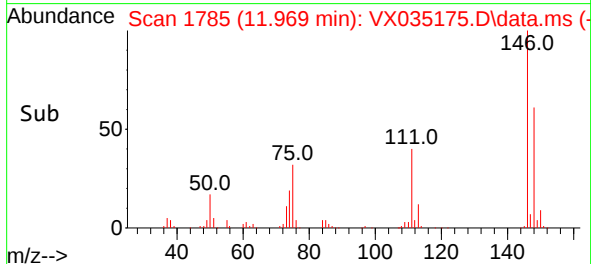
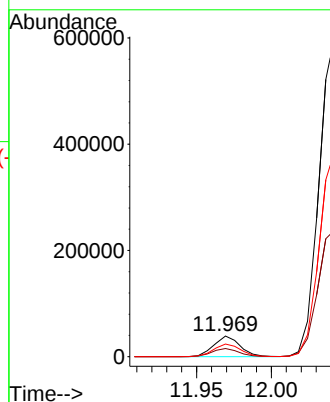
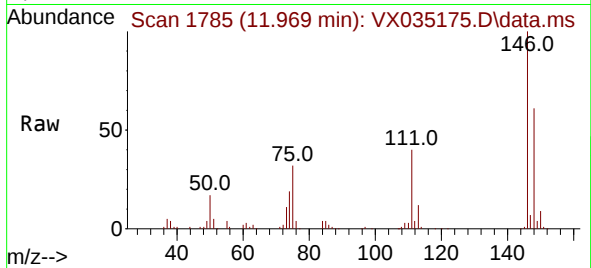




#64
1,3-Dichlorobenzene
Concen: 7.445 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

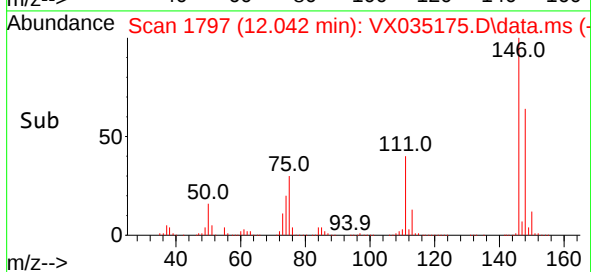
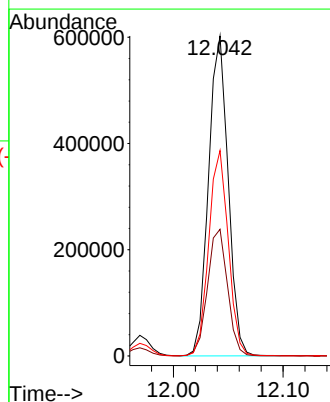
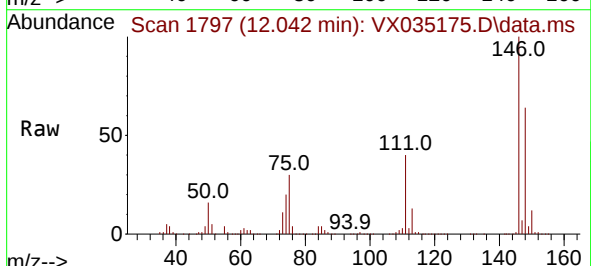
Instrument :
MSVOA_X
ClientSampleId :
COMG8

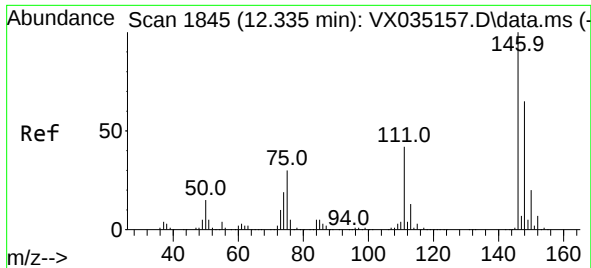
Tgt Ion:146 Resp: 47454
Ion Ratio Lower Upper
146 100
111 39.9 28.9 53.7
148 61.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 114.896 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035175.D
Acq: 19 Apr 2023 17:24

Tgt Ion:146 Resp: 749375
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 64.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 94.704 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035175.D

Acq: 19 Apr 2023 17:24

Instrument :

MSVOA_X

ClientSampleId :

COMG8

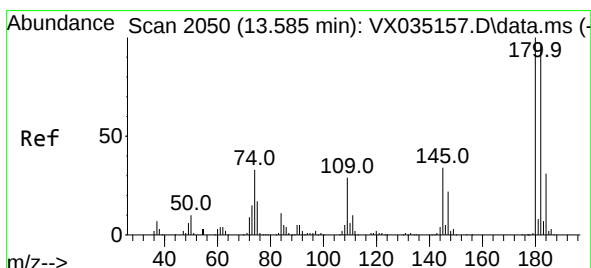
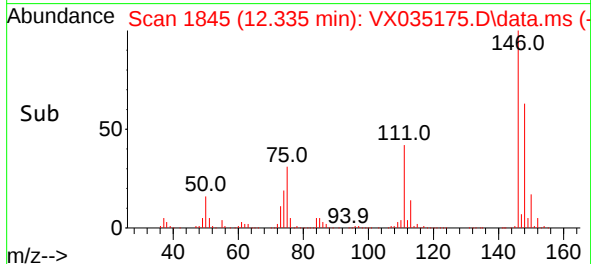
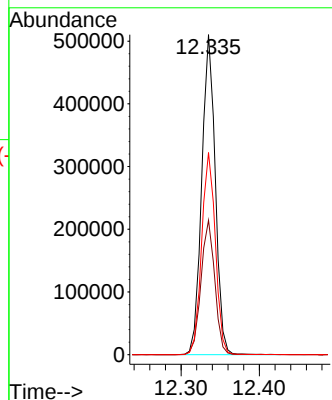
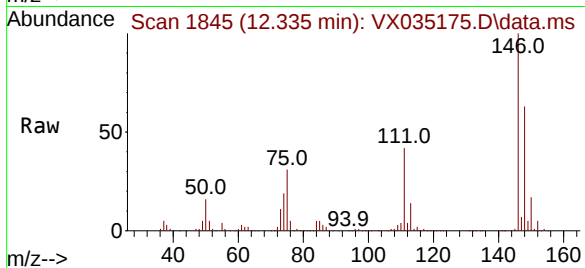
Tgt Ion:146 Resp: 612060

Ion Ratio Lower Upper

146 100

111 42.0 34.7 52.1

148 63.2 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 13.258 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035175.D

Acq: 19 Apr 2023 17:24

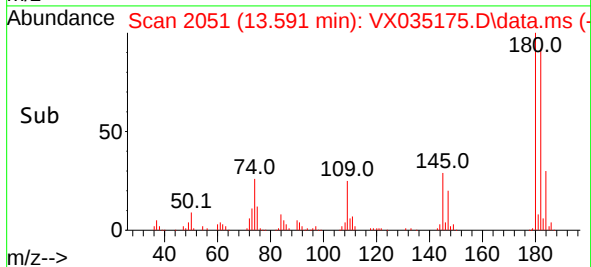
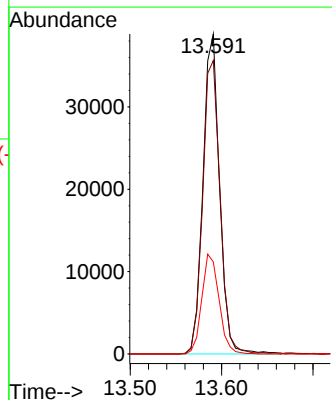
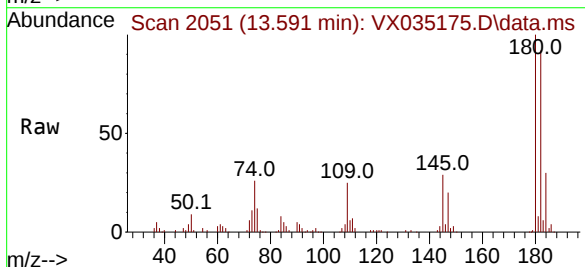
Tgt Ion:180 Resp: 48916

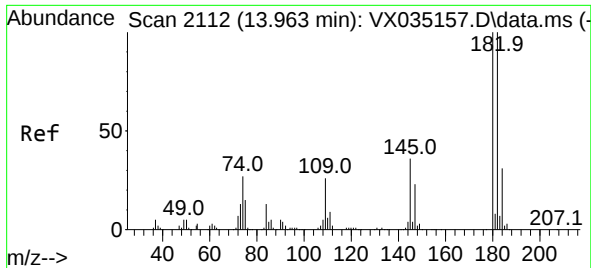
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

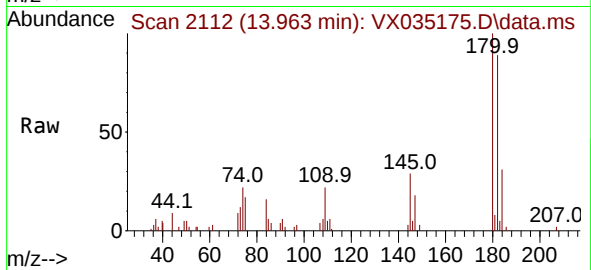
145 32.3 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.443 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035175.D
 Acq: 19 Apr 2023 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 COMG8



Tgt Ion:180 Resp: 5257
 Ion Ratio Lower Upper
 180 100
 182 91.2 75.0 112.6
 145 32.7 27.1 40.7

