

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035140.D
 Acq On : 18 Apr 2023 22:15
 Operator : JC/MD
 Sample : 02397-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML6

Quant Time: Apr 19 01:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

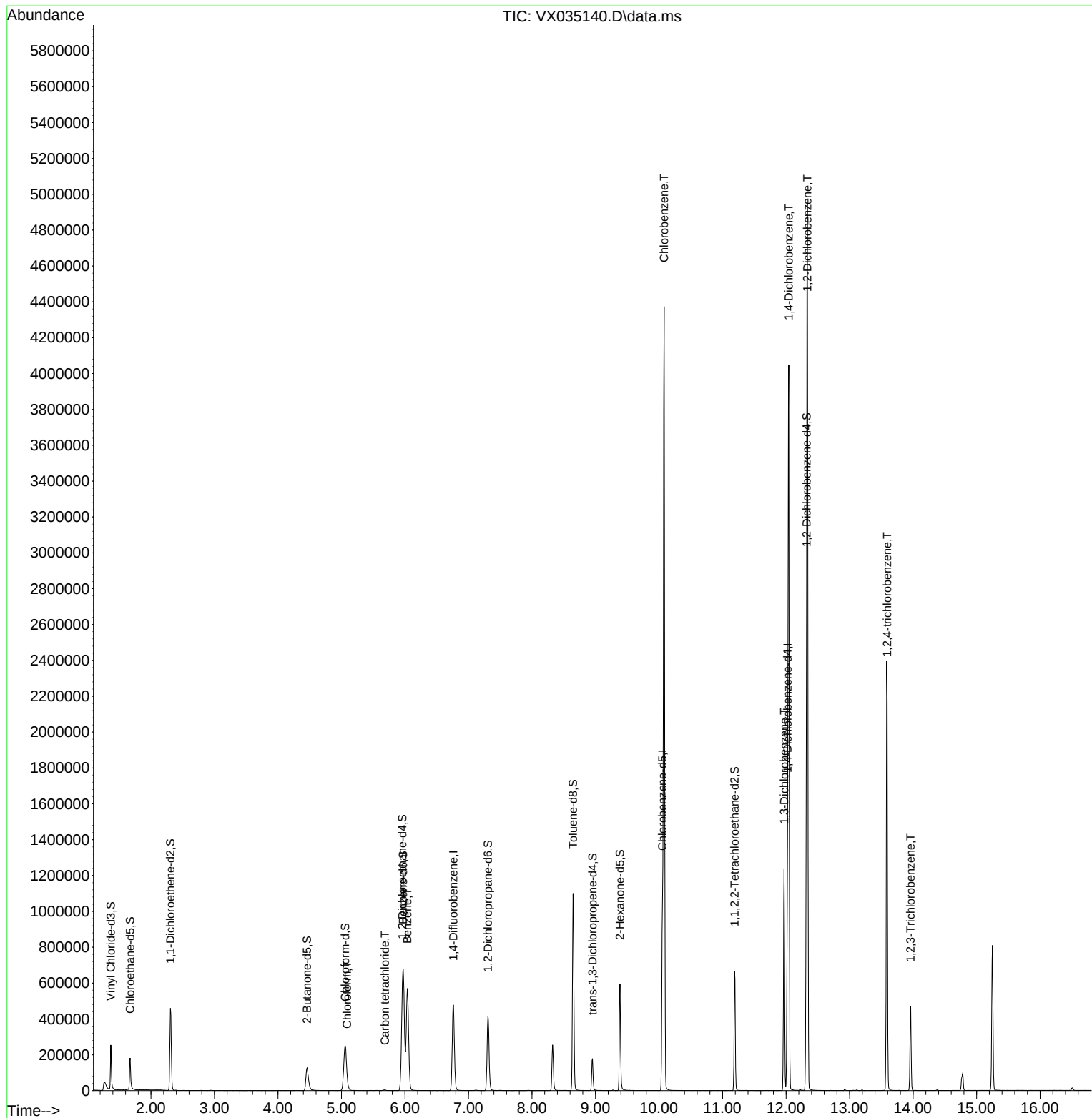
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	497670	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	437623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	211002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	169213	52.731	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 105.460%		
7) Chloroethane-d5	1.672	69	126640	54.615	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 109.240%		
11) 1,1-Dichloroethene-d2	2.306	65	81620	53.158	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.320%		
21) 2-Butanone-d5	4.458	46	233738	109.302	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 109.300%		
24) Chloroform-d	5.056	84	324003	53.615	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.220%		
26) 1,2-Dichloroethane-d4	5.958	65	214357	55.236	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.480%		
32) Benzene-d6	5.970	84	700391	55.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.420%		
36) 1,2-Dichloropropane-d6	7.305	67	212097	55.233	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 110.460%		
41) Toluene-d8	8.647	98	630371	54.866	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.740%		
43) trans-1,3-Dichloroprop...	8.951	79	85293	50.825	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 101.640%		
47) 2-Hexanone-d5	9.384	63	172113	111.612	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 111.610%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252957	53.788	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.580%		
66) 1,2-Dichlorobenzene-d4	12.323	152	224414	54.883	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.760%		
Target Compounds						Qvalue
25) Chloroform	5.086	83	15232	2.546	ug/L	89
31) Carbon tetrachloride	5.684	117	3448	0.792	ug/L	99
33) Benzene	6.037	78	690169	52.077	ug/L	100
51) Chlorobenzene	10.079	112	1837338	202.826	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	382888	58.513	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	1260633	188.271	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	1476008	222.461	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	563030	148.639	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	111244	29.749	ug/L	99

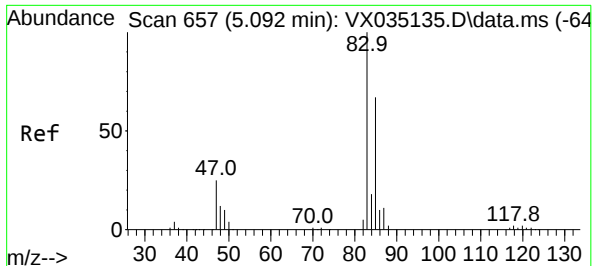
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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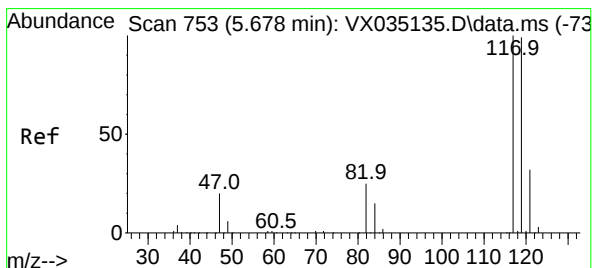
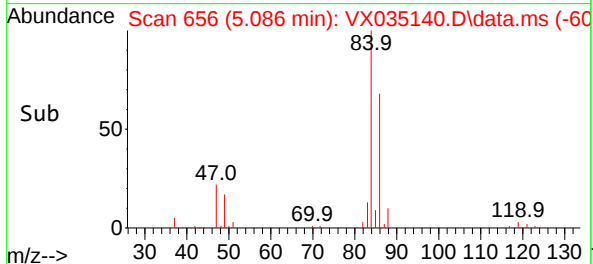
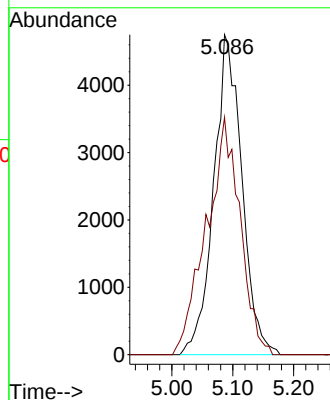
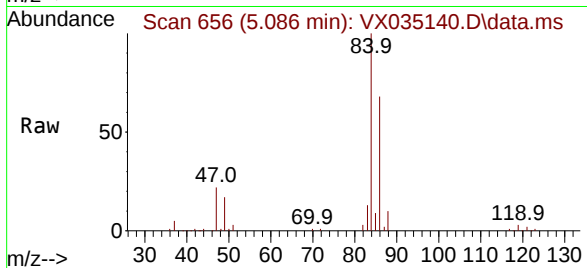




#25
Chloroform
Concen: 2.546 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035140.D
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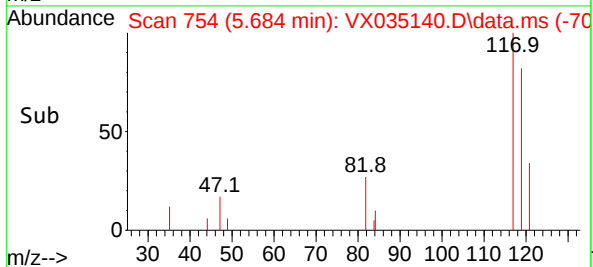
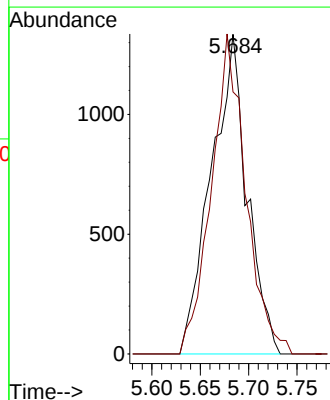
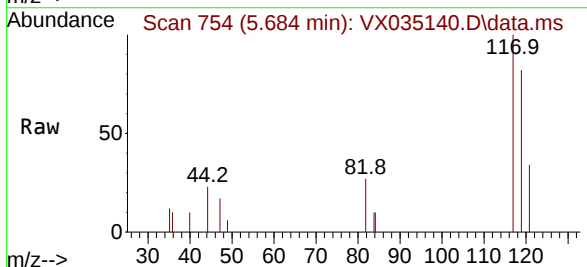
Instrument :
MSVOA_X
ClientSampleId :
COML6

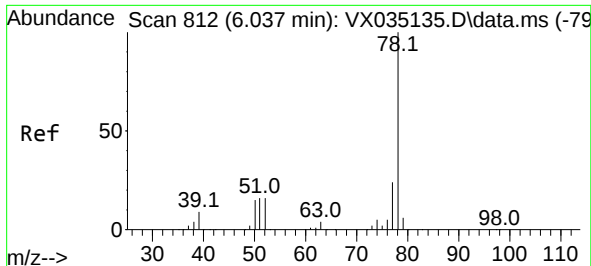
Tgt Ion: 83 Resp: 15232
Ion Ratio Lower Upper
83 100
85 74.1 46.0 85.4



#31
Carbon tetrachloride
Concen: 0.792 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Tgt Ion: 117 Resp: 3448
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7

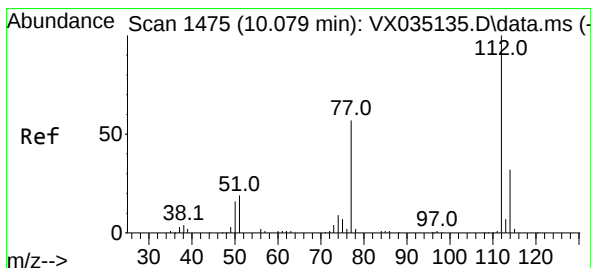
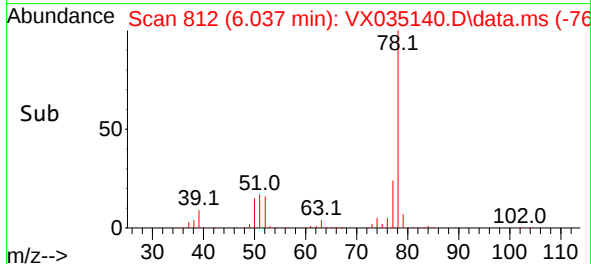
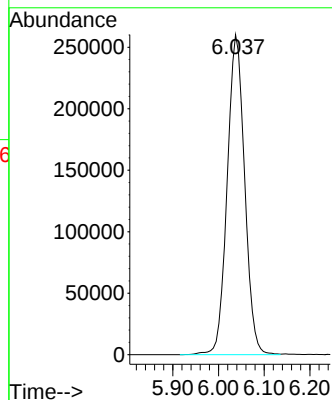
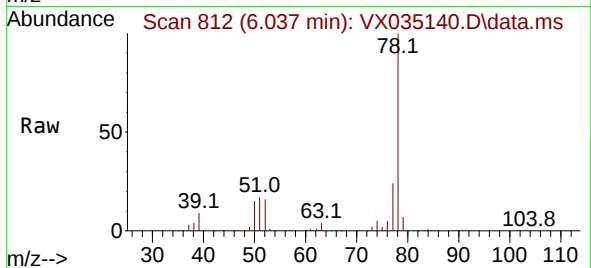




#33
Benzene
Concen: 52.077 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Instrument :
MSVOA_X
ClientSampleId :
COML6

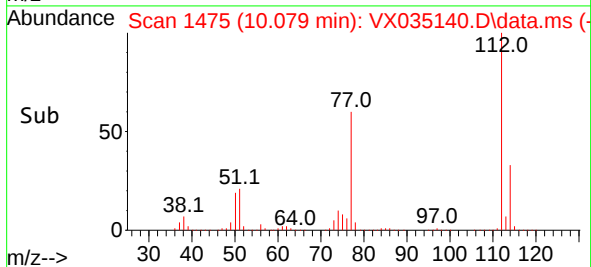
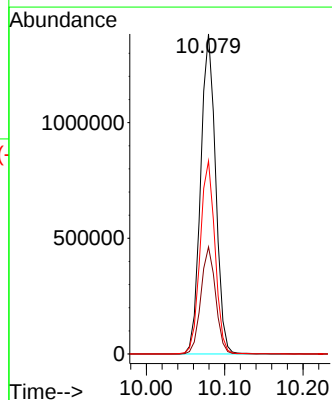
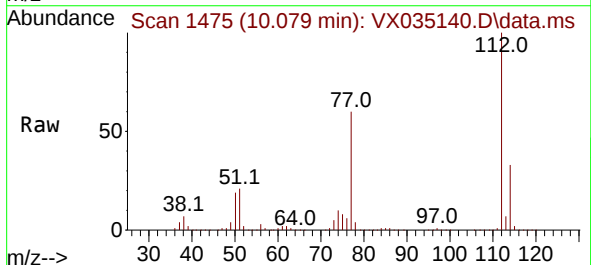
Tgt Ion: 78 Resp: 690169

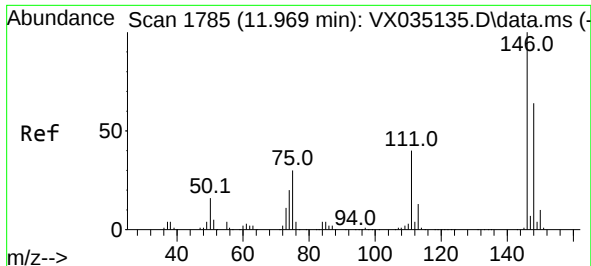


#51
Chlorobenzene
Concen: 202.826 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Tgt Ion:112 Resp: 1837338

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.4	41.6
77	60.3	47.0	70.6

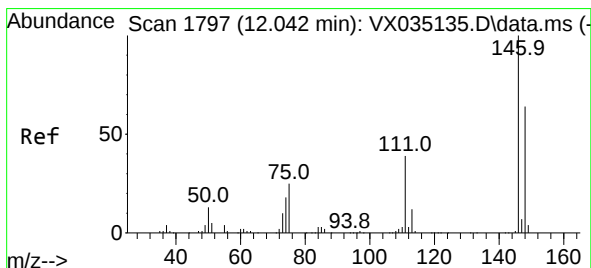
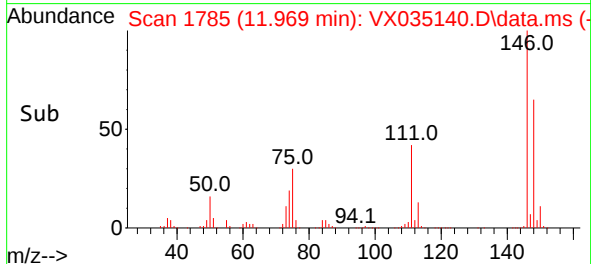
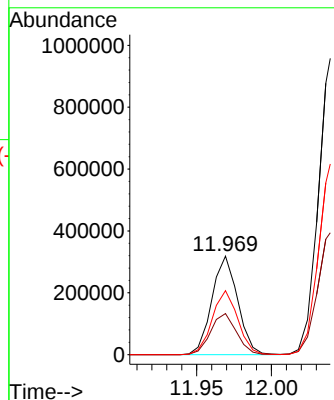
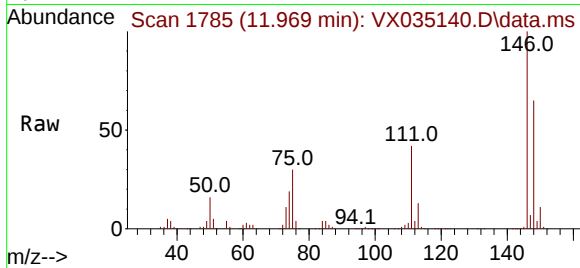




#64
1,3-Dichlorobenzene
Concen: 58.513 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

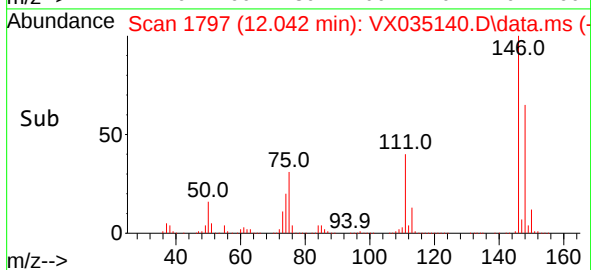
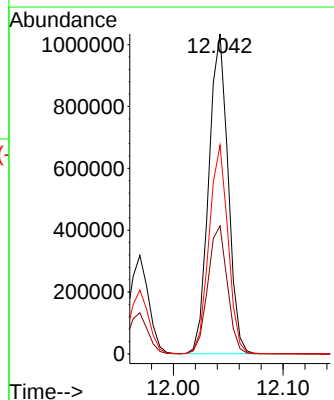
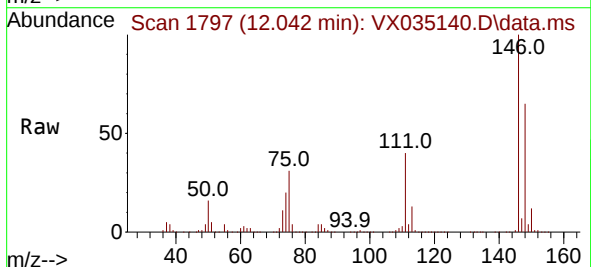
Instrument :
MSVOA_X
ClientSampleId :
COML6

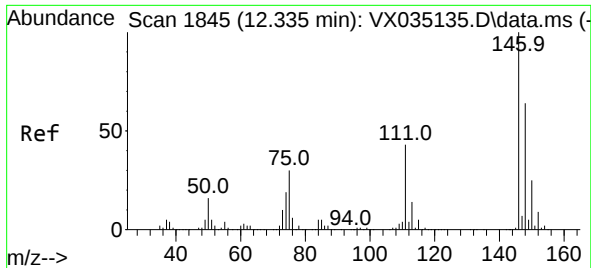
Tgt Ion:146 Resp: 382888
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 188.271 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Tgt Ion:146 Resp: 1260633
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 65.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 222.461 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Instrument :

MSVOA_X

ClientSampleId :

COML6

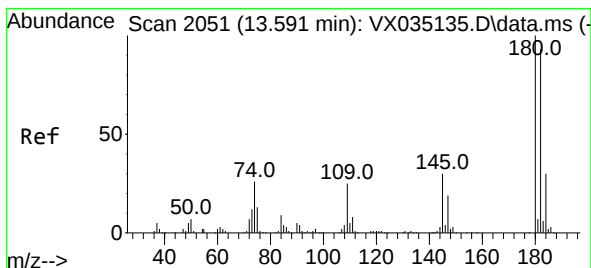
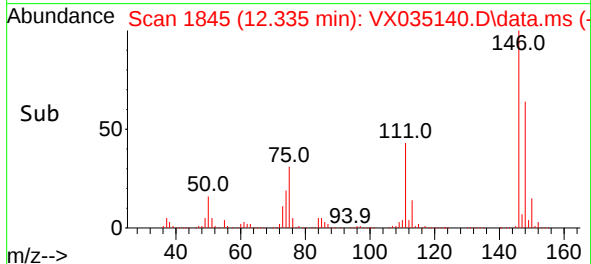
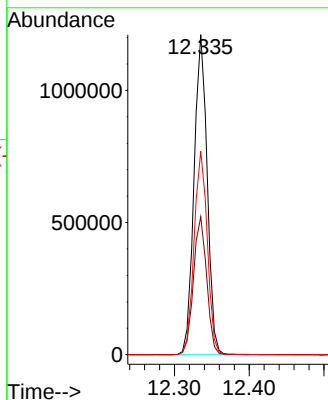
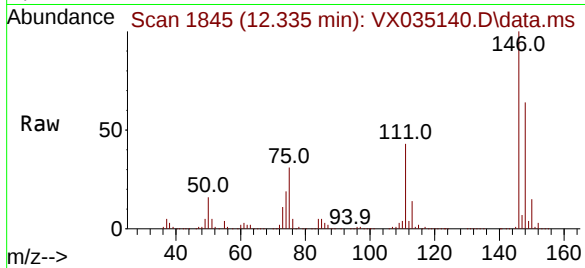
Tgt Ion:146 Resp: 1476008

Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 63.6 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 148.639 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

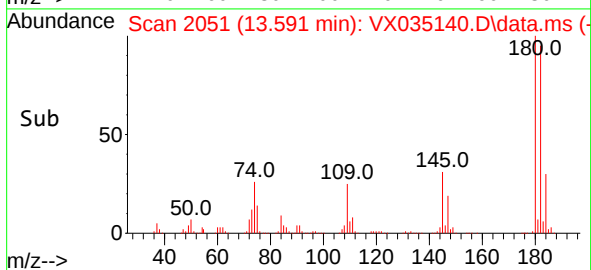
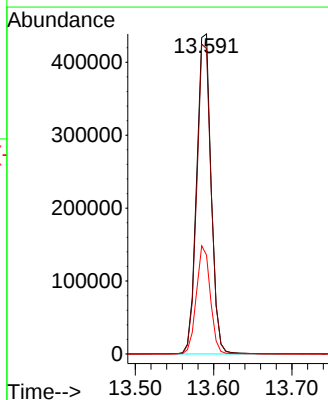
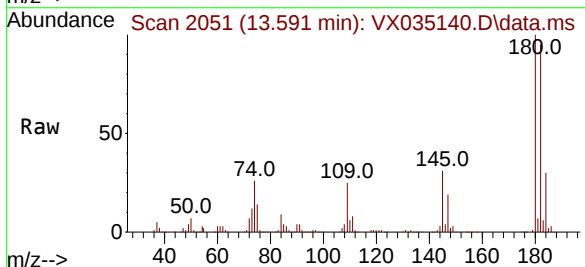
Tgt Ion:180 Resp: 563030

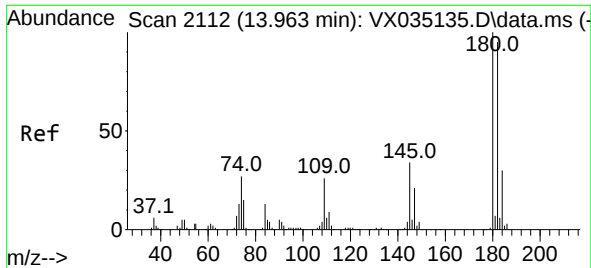
Ion Ratio Lower Upper

180 100

182 96.1 76.6 114.8

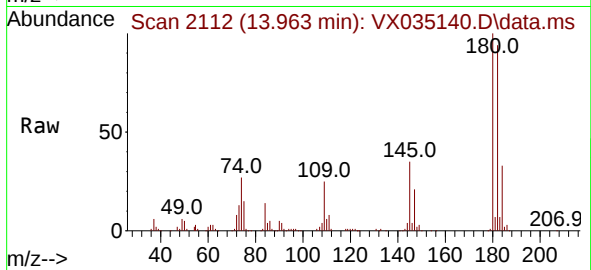
145 32.7 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 29.749 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035140.D
 Acq: 18 Apr 2023 22:15

Instrument :
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 ClientSampleId :
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Tgt Ion:	180	Resp:	111244
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
145	34.3	27.1	40.7

