

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041030.D
 Acq On : 12 Apr 2024 15:11
 Operator : JC/MD
 Sample : P2049-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 01:40:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 01:36:25 2024
 Response via : Initial Calibration

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

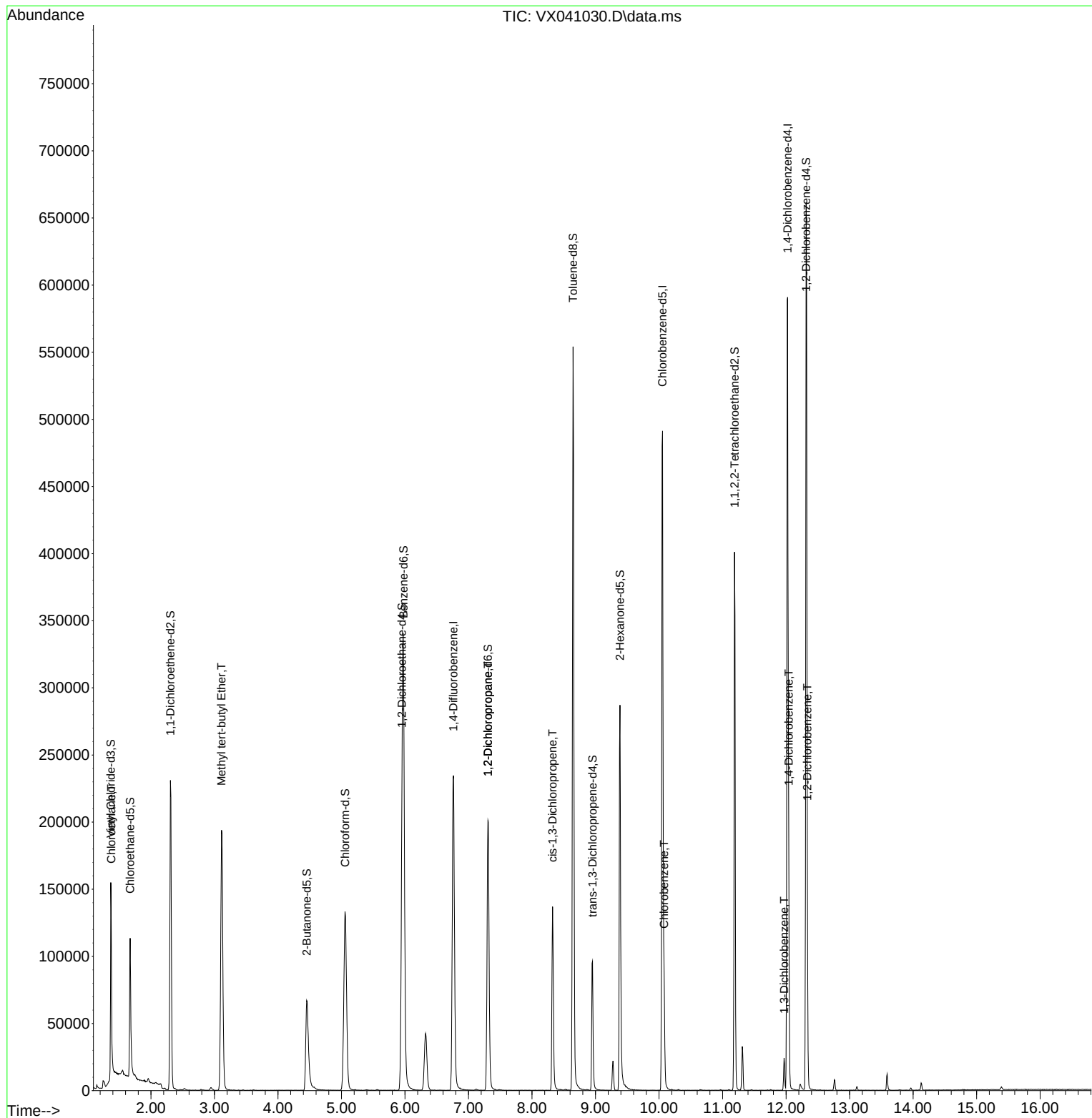
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	257312	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101257	55.326	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 110.660%		
7) Chloroethane-d5	1.672	69	80988	54.258	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 108.520%		
11) 1,1-Dichloroethene-d2	2.307	65	41338	52.904	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 105.800%		
21) 2-Butanone-d5	4.452	46	116129	116.486	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 116.490%		
24) Chloroform-d	5.056	84	173099	50.690	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 101.380%		
26) 1,2-Dichloroethane-d4	5.952	65	112235	50.527	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 101.060%		
32) Benzene-d6	5.977	84	349923	52.318	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.640%		
36) 1,2-Dichloropropane-d6	7.306	67	101600	52.085	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 104.160%		
41) Toluene-d8	8.647	98	328849	50.327	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 100.660%		
43) trans-1,3-Dichloroprop...	8.952	79	47397	48.283	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 96.560%		
47) 2-Hexanone-d5	9.384	63	81694	99.332	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 99.330%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	146250	50.613	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 101.220%		
66) 1,2-Dichlorobenzene-d4	12.317	152	145360	54.753	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.500%		
Target Compounds						Qvalue
8) Chloroethane	1.374	64	12055	10.024	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	211656	42.146	ug/L	100
37) 1,2-Dichloropropane	7.306	63	11763	7.110	ug/L #	84
39) cis-1,3-Dichloropropene	8.324	75	3187	1.179	ug/L #	82
51) Chlorobenzene	10.079	112	35597	7.176	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	8687	2.140	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	63594	15.259	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	29764	7.558	ug/L	95

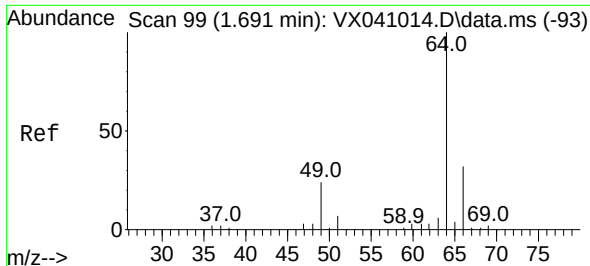
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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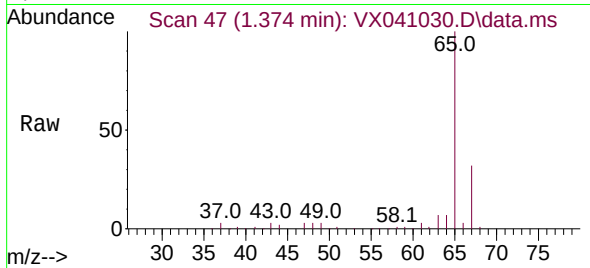
Quant Time: Apr 13 01:40:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 01:36:25 2024
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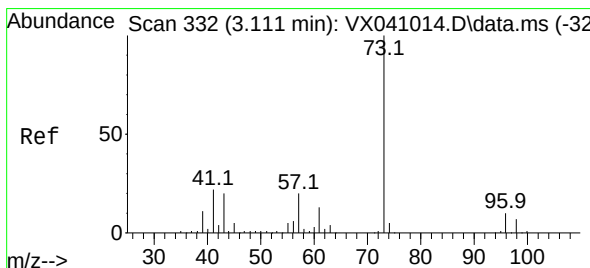
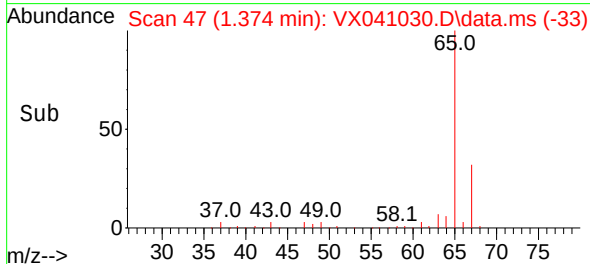
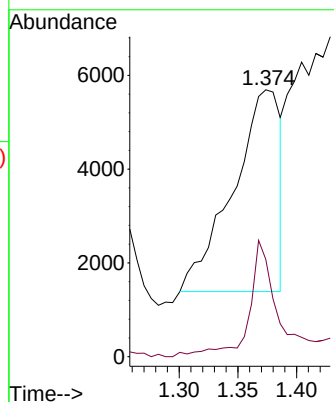


#8
Chloroethane
Concen: 10.024 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.317 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

Instrument :
MSVOA_X
ClientSampleId :

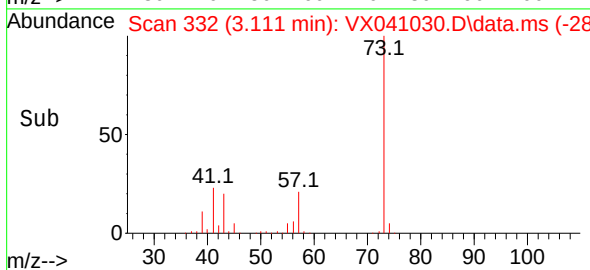
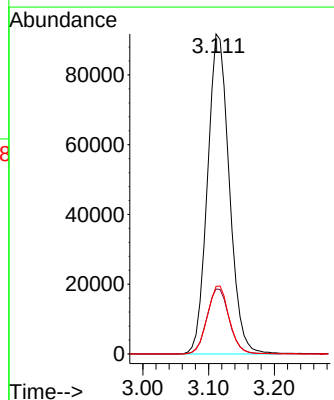
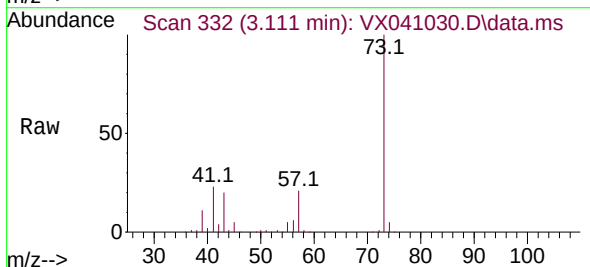


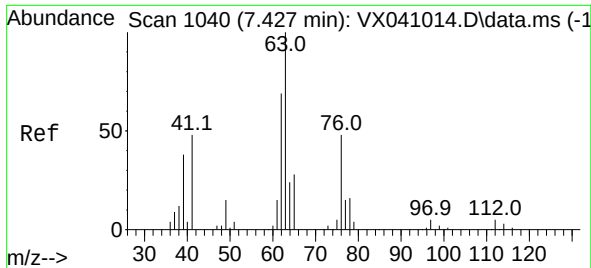
Tgt Ion: 64 Resp: 12055
Ion Ratio Lower Upper
64 100
66 36.4 21.8 40.6



#18
Methyl tert-butyl Ether
Concen: 42.146 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

Tgt Ion: 73 Resp: 211656
Ion Ratio Lower Upper
73 100
43 20.9 16.6 25.0
57 21.2 17.3 25.9

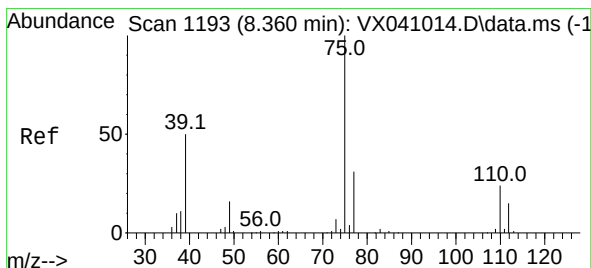
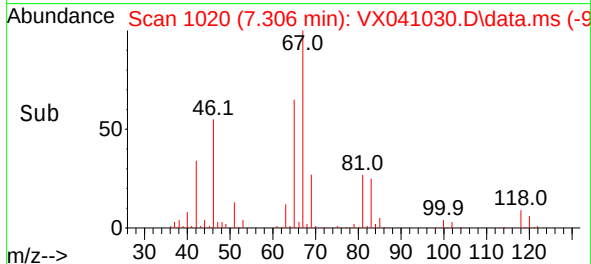
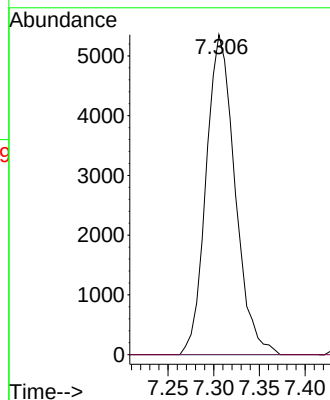
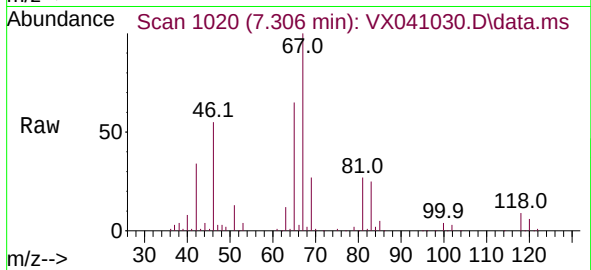




#37
1,2-Dichloropropane
Concen: 7.110 ug/L
RT: 7.306 min Scan# 11763
Delta R.T. -0.122 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

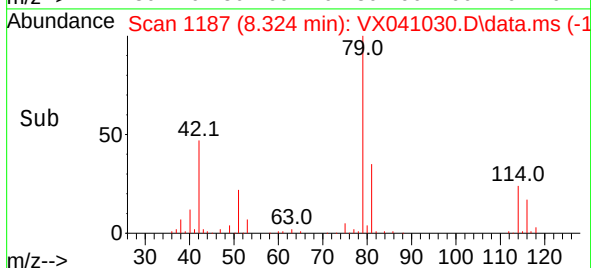
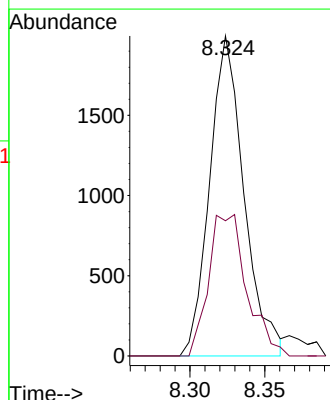
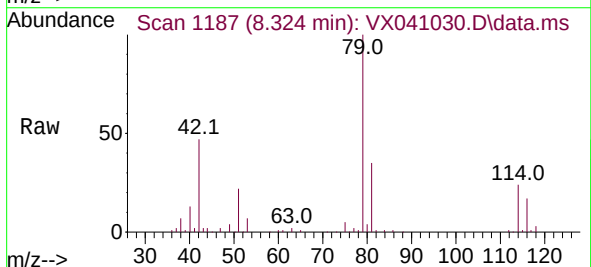
Instrument :
MSVOA_X
ClientSampleId :

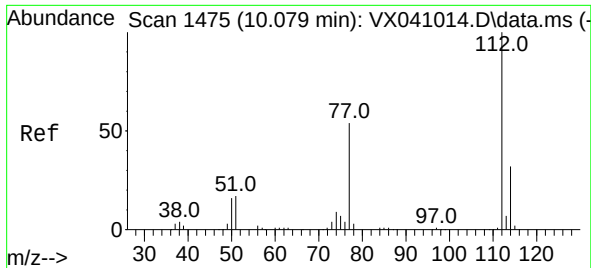
Tgt Ion: 63 Resp: 11763
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



#39
cis-1,3-Dichloropropene
Concen: 1.179 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.036 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

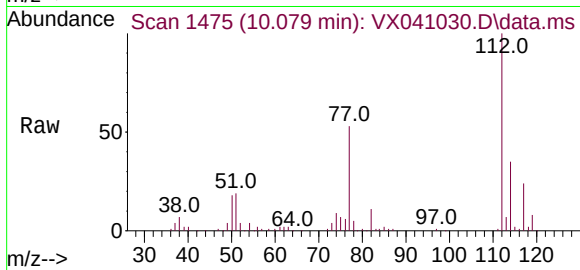
Tgt Ion: 75 Resp: 3187
Ion Ratio Lower Upper
75 100
77 42.3 22.7 42.1#



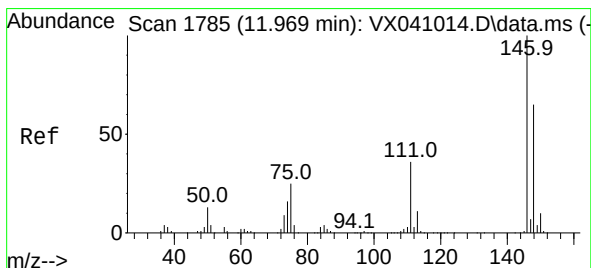
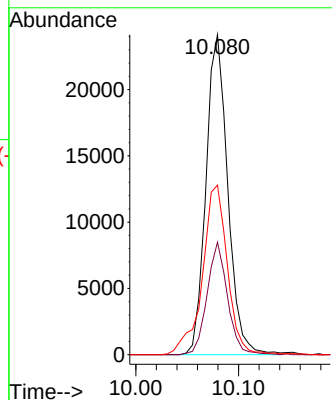
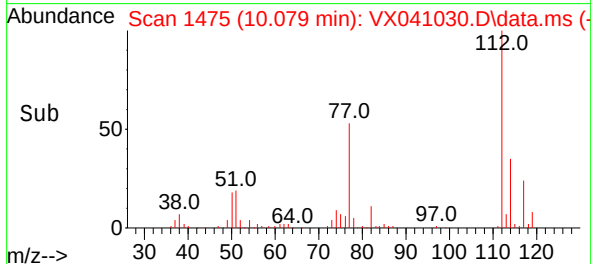


#51
Chlorobenzene
Concen: 7.176 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

Instrument :
MSVOA_X
ClientSampleId :

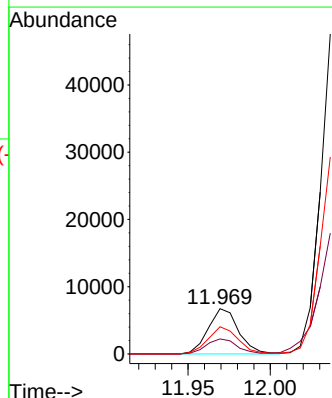
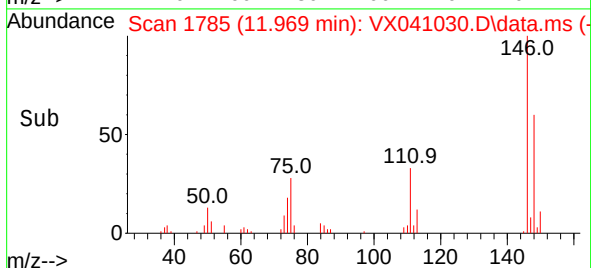
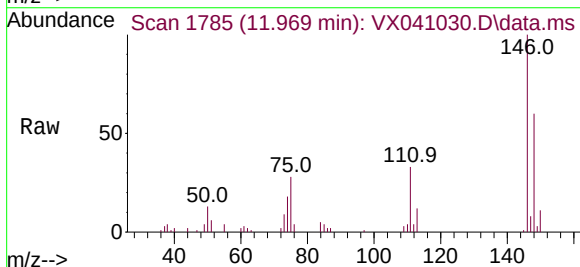


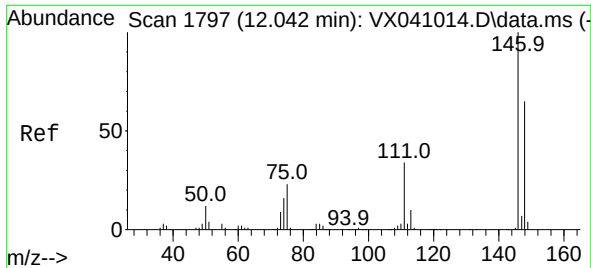
Tgt Ion:112 Resp: 35597
Ion Ratio Lower Upper
112 100
114 35.2 23.0 42.8
77 53.0 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.140 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041030.D
Acq: 12 Apr 2024 15:11

Tgt Ion:146 Resp: 8687
Ion Ratio Lower Upper
146 100
111 33.4 25.3 47.1
148 60.1 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 15.259 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041030.D

Acq: 12 Apr 2024 15:11

Instrument :

MSVOA_X

ClientSampleId :

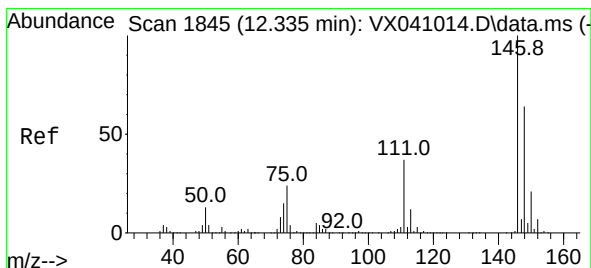
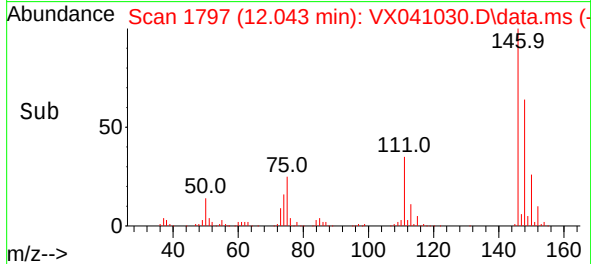
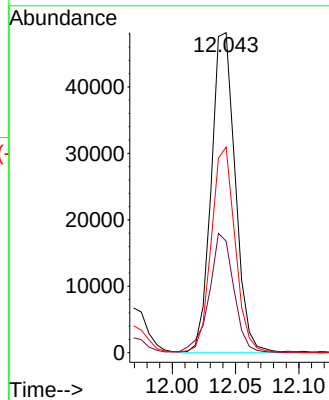
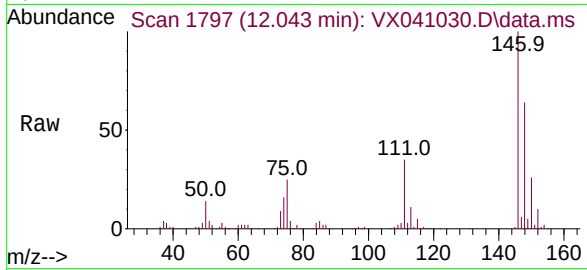
Tgt Ion:146 Resp: 63594

Ion Ratio Lower Upper

146 100

111 34.9 23.4 43.6

148 64.3 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 7.558 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041030.D

Acq: 12 Apr 2024 15:11

Tgt Ion:146 Resp: 29764

Ion Ratio Lower Upper

146 100

111 35.4 31.8 47.8

148 63.9 53.2 79.8

