

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039151.D
 Acq On : 11 Dec 2023 18:03
 Operator : JC/MD
 Sample : 05752-05 100X
 Misc : 4.14g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AW6

Quant Time: Dec 12 03:56:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

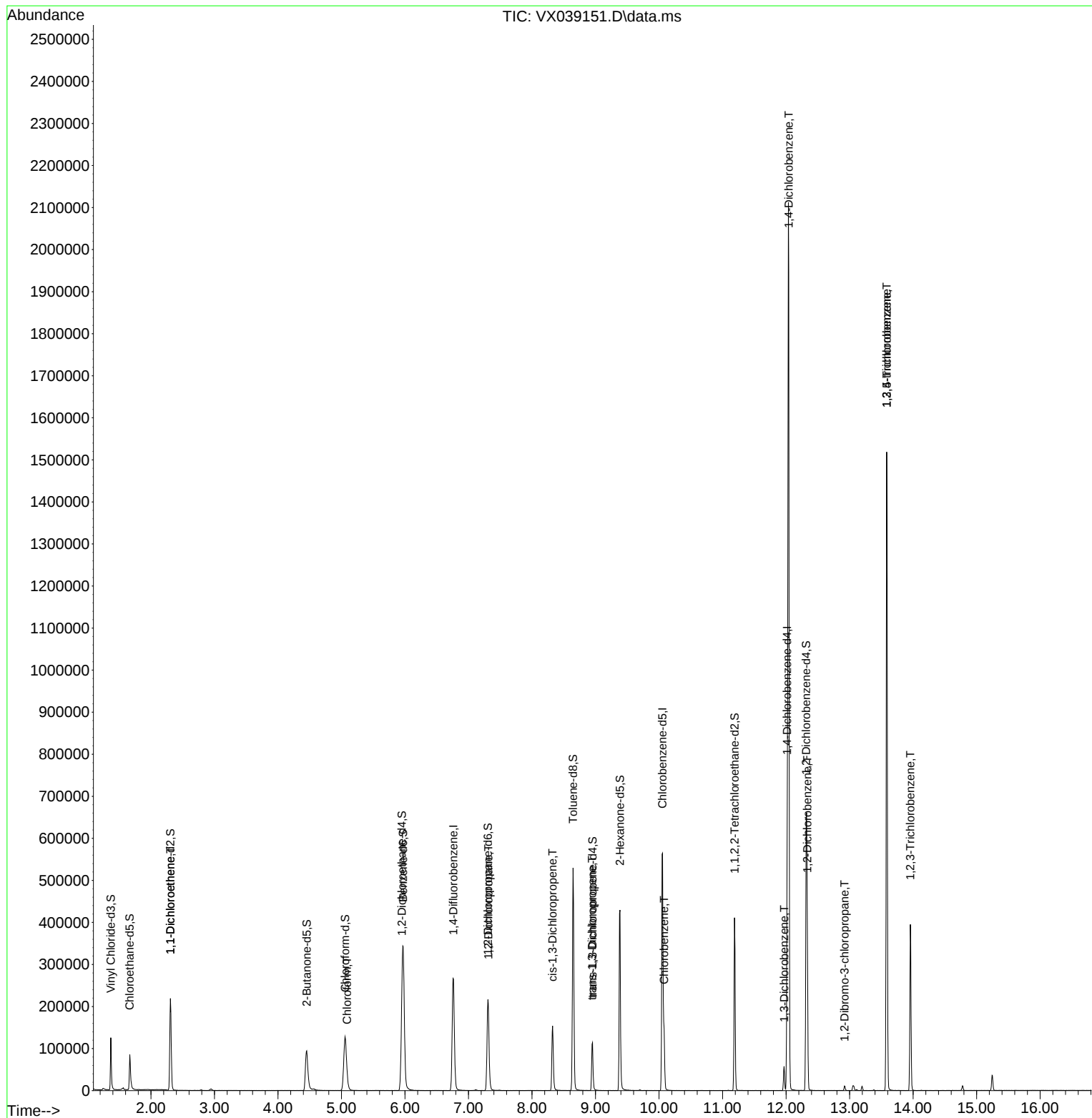
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	266937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	244102	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	79437	37.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.880%		
7) Chloroethane-d5	1.666	69	60620	39.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.340%		
11) 1,1-Dichloroethene-d2	2.306	65	40307	43.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.720%		
21) 2-Butanone-d5	4.452	46	170292	89.853	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.850%		
24) Chloroform-d	5.056	84	158056	42.645	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.280%		
26) 1,2-Dichloroethane-d4	5.952	65	113840	47.427	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
32) Benzene-d6	5.970	84	338840	44.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	7.305	67	110389	45.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.060%		
41) Toluene-d8	8.647	98	299455	43.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.720%		
43) trans-1,3-Dichloroprop...	8.951	79	54022	43.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.580%		
47) 2-Hexanone-d5	9.384	63	125147	86.426	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.430%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	156884	45.616	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.240%		
66) 1,2-Dichlorobenzene-d4	12.317	152	104267	47.555	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.100%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	924	0.537	ug/L #	1
25) Chloroform	5.086	83	11143	3.118	ug/L	97
37) 1,2-Dichloropropane	7.312	63	12795	5.947	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	4108	1.197	ug/L #	81
44) trans-1,3-Dichloropropene	8.945	75	2691	0.845	ug/L	83
51) Chlorobenzene	10.079	112	57148	11.247	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	16602	4.576	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	584723	159.052	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	101920	29.368	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.920	75	1915	2.415	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.585	180	305982	127.532	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	305982	135.282	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	79320	36.218	ug/L	98

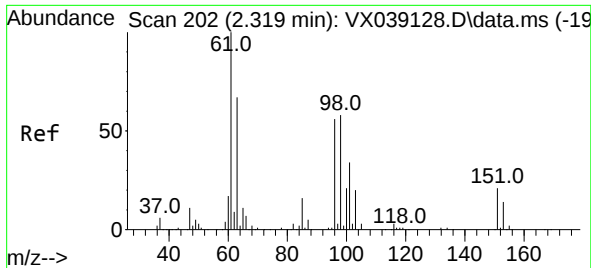
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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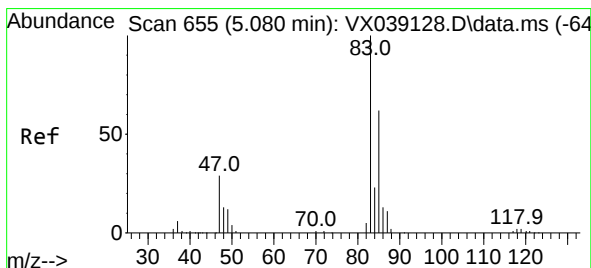
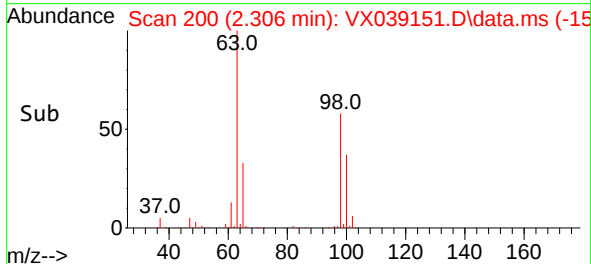
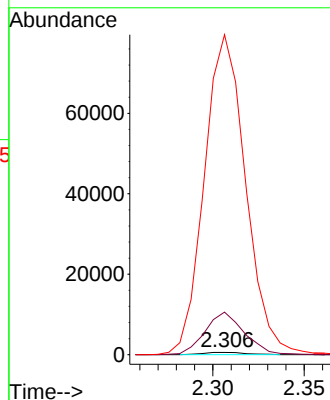
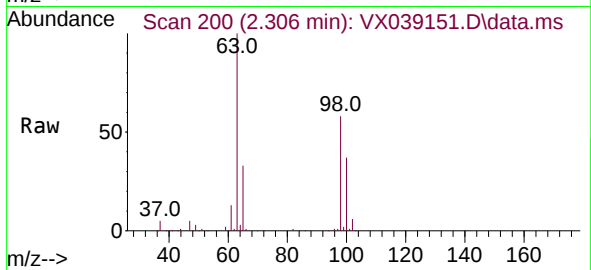




#12
1,1-Dichloroethene
Concen: 0.537 ug/L
RT: 2.306 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

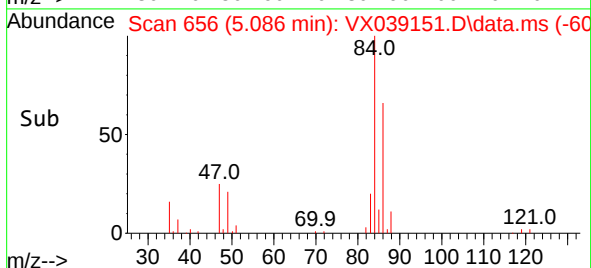
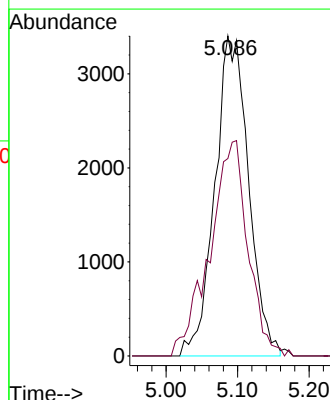
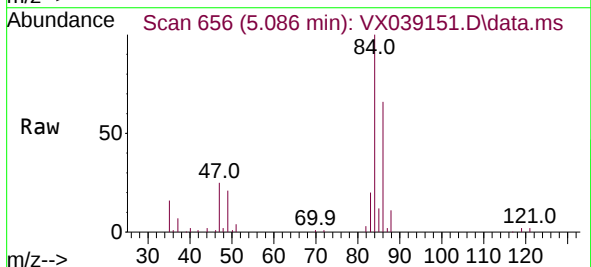
Instrument :
MSVOA_X
ClientSampleId :
C0AW6

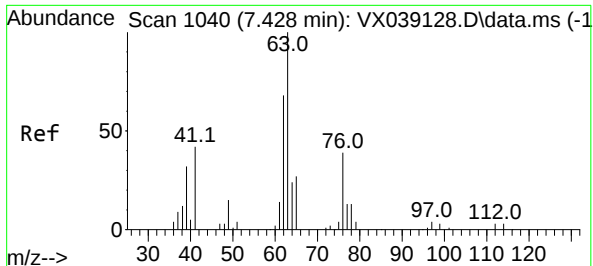
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 1865.9 128.0 237.6#
63 14055.1 101.5 188.5#



#25
Chloroform
Concen: 3.118 ug/L
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Tgt Ion: 83 Resp: 11143
Ion Ratio Lower Upper
83 100
85 61.7 45.1 83.7





#37

1,2-Dichloropropane

Concen: 5.947 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.116 min

Lab File: VX039151.D

Acq: 11 Dec 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

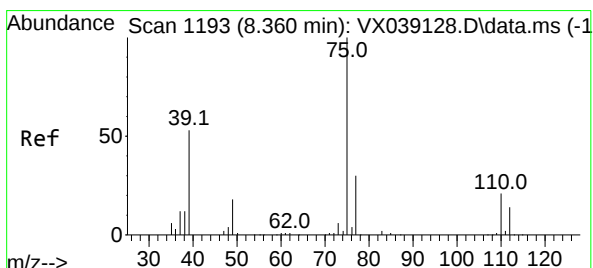
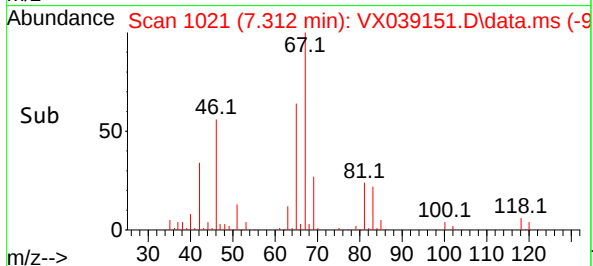
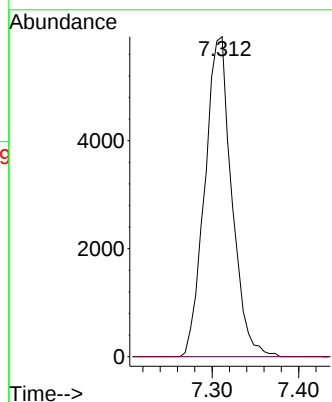
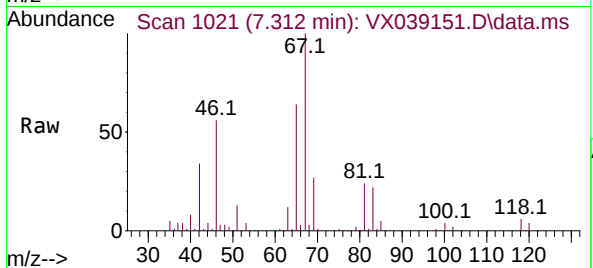
C0AW6

Tgt Ion: 63 Resp: 12795

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.197 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039151.D

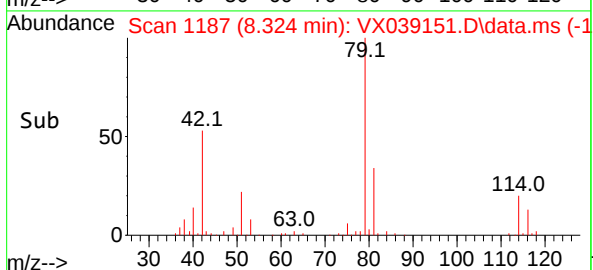
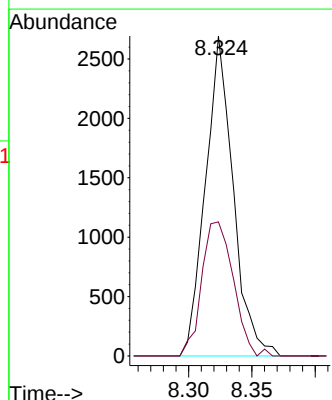
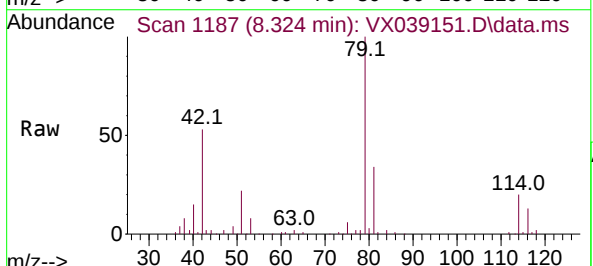
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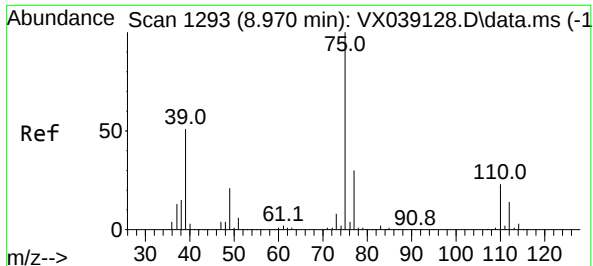
Tgt Ion: 75 Resp: 4108

Ion Ratio Lower Upper

75 100

77 41.9 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 8.945 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX039151.D

Acq: 11 Dec 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

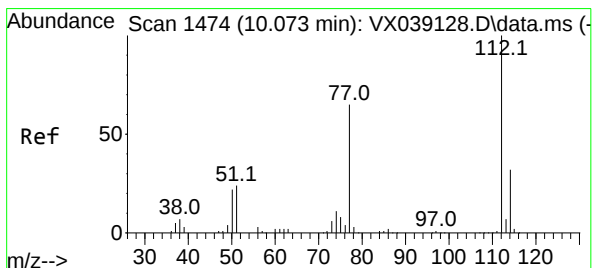
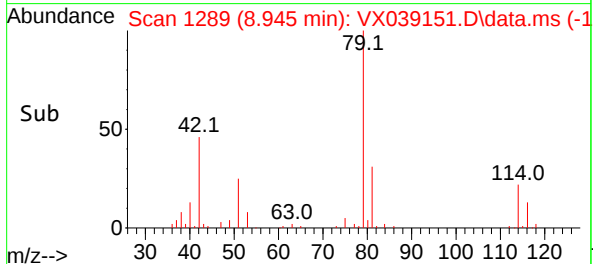
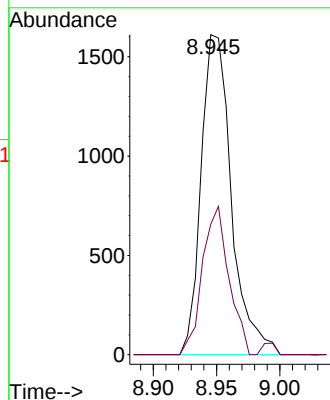
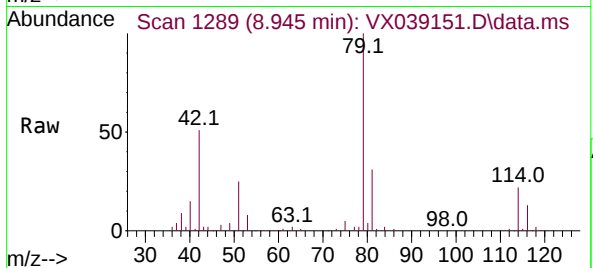
C0AW6

Tgt Ion: 75 Resp: 2691

Ion Ratio Lower Upper

75 100

77 40.8 22.0 40.8



#51

Chlorobenzene

Concen: 11.247 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX039151.D

Acq: 11 Dec 2023 18:03

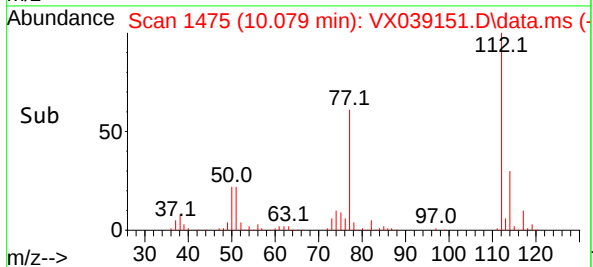
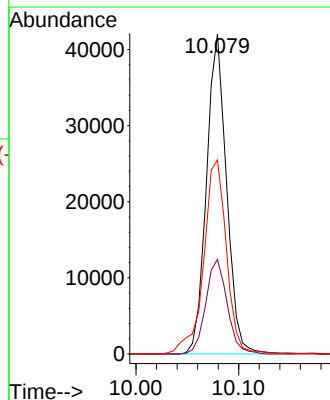
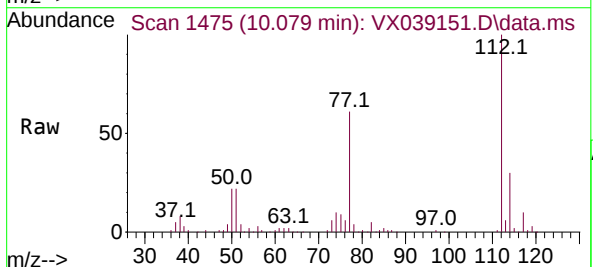
Tgt Ion: 112 Resp: 57148

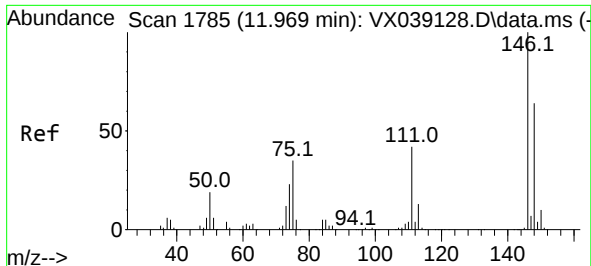
Ion Ratio Lower Upper

112 100

114 29.5 21.8 40.4

77 60.7 49.0 73.6

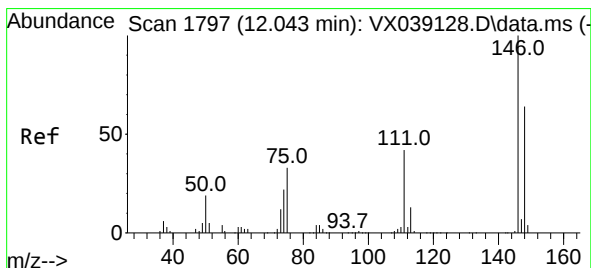
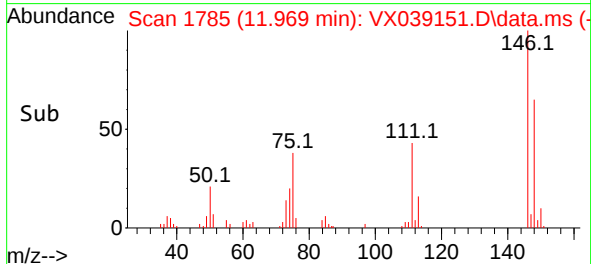
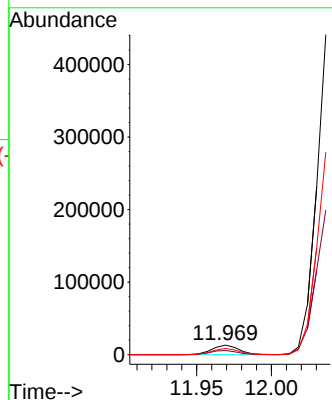
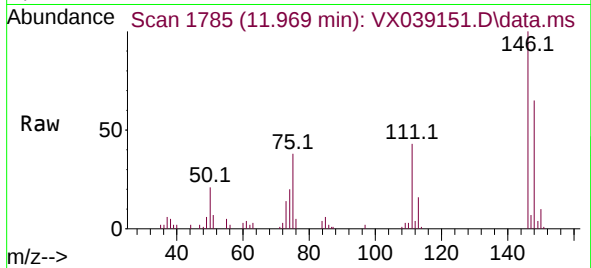




#64
1,3-Dichlorobenzene
Concen: 4.576 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

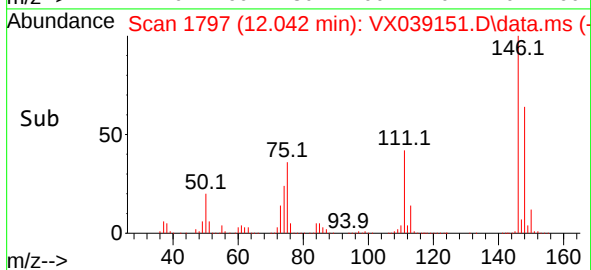
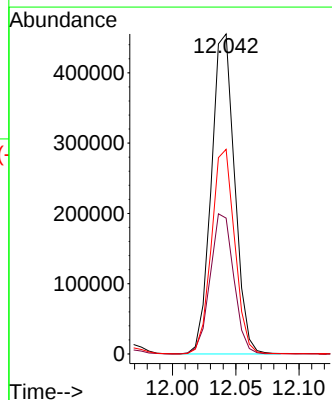
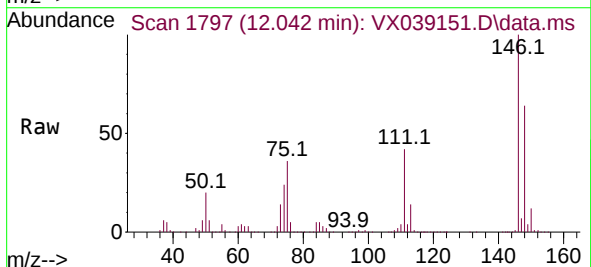
Instrument :
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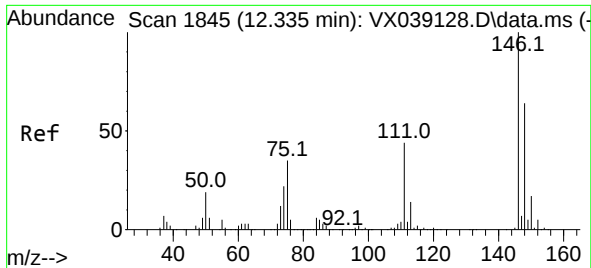
Tgt Ion:146 Resp: 16602
Ion Ratio Lower Upper
146 100
111 43.3 30.0 55.6
148 64.9 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 159.052 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Tgt Ion:146 Resp: 584723
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 63.9 45.8 85.2

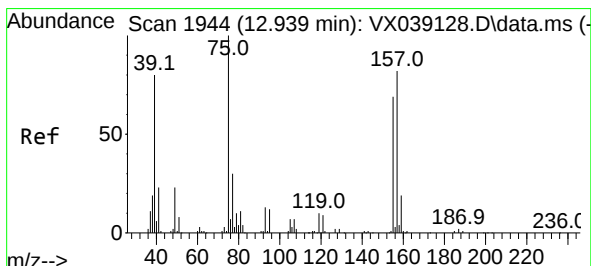
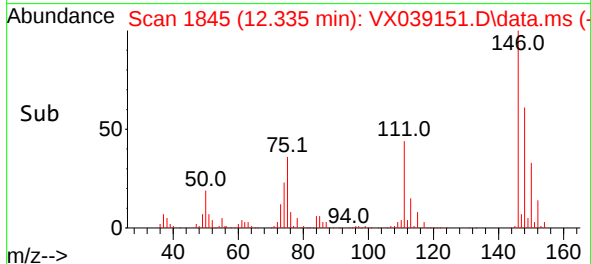
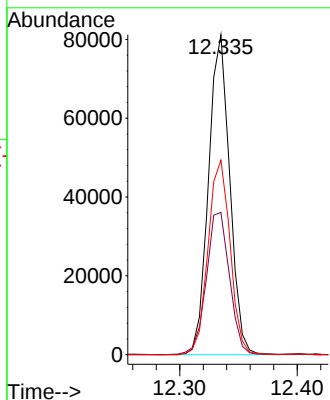
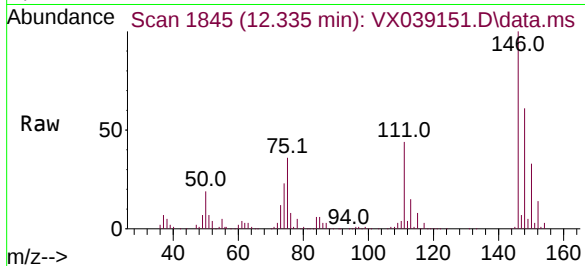




#67
1,2-Dichlorobenzene
Concen: 29.368 ug/L
RT: 12.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

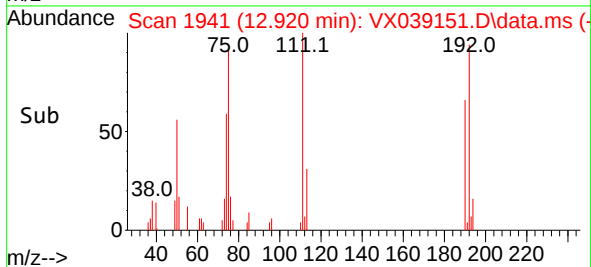
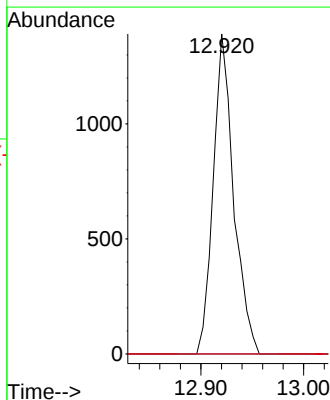
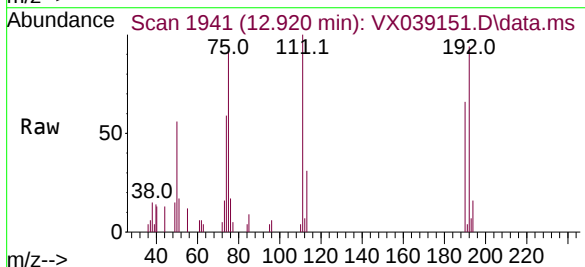
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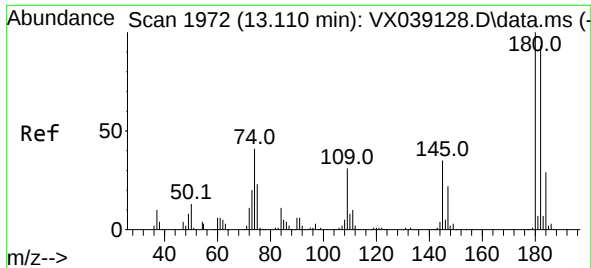
Tgt Ion:146 Resp: 101920
Ion Ratio Lower Upper
146 100
111 44.5 36.4 54.6
148 60.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 2.415 ug/L
RT: 12.920 min Scan# 1941
Delta R.T. -0.019 min
Lab File: VX039151.D
Acq: 11 Dec 2023 18:03

Tgt Ion: 75 Resp: 1915
Ion Ratio Lower Upper
75 100
155 0.0 52.3 78.5#
157 0.0 68.7 103.1#

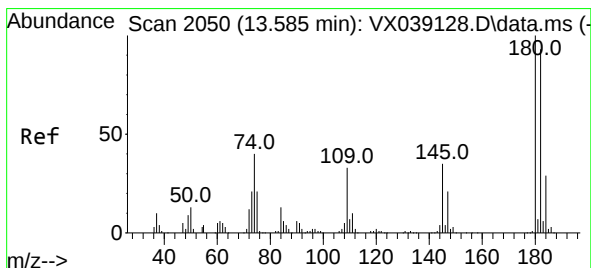
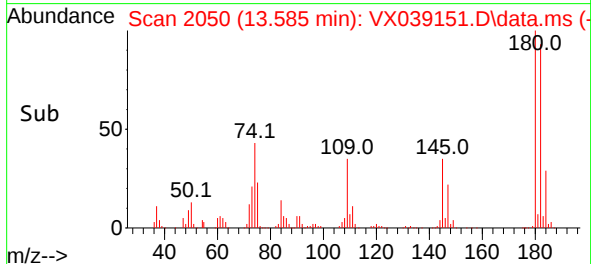
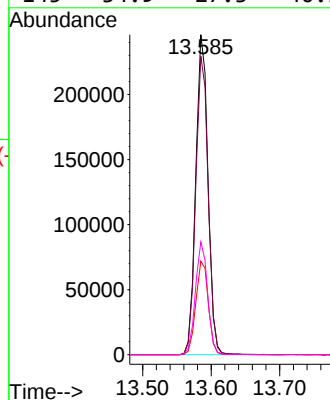
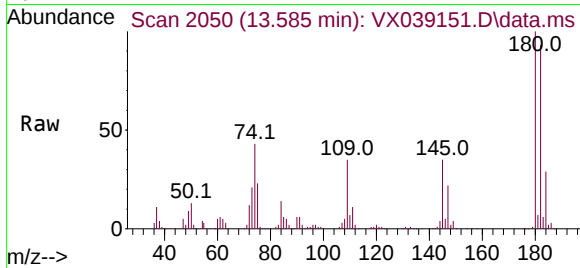




#69
 1,3,5-Trichlorobenzene
 Concen: 127.532 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.475 min
 Lab File: VX039151.D
 Acq: 11 Dec 2023 18:03

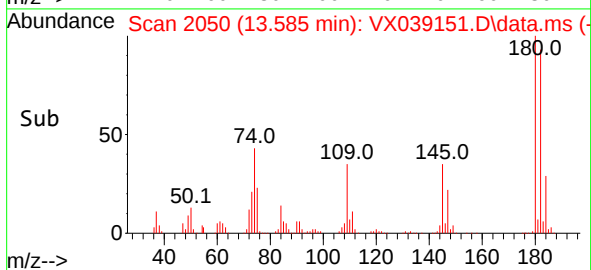
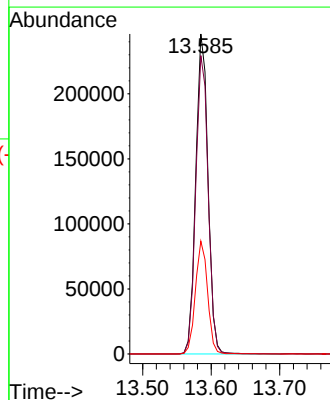
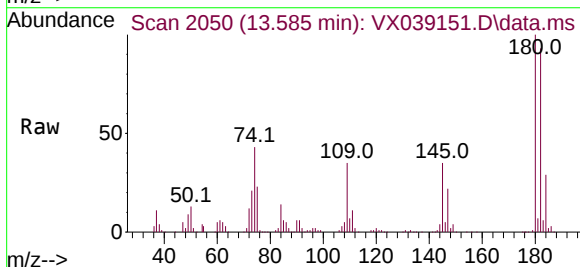
Instrument :
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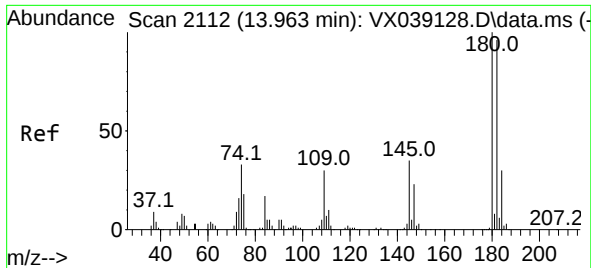
Tgt Ion:180 Resp: 305982
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.1 114.1
 184 29.8 24.1 36.1
 145 34.9 27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 135.282 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX039151.D
 Acq: 11 Dec 2023 18:03

Tgt Ion:180 Resp: 305982
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 34.9 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 36.218 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039151.D
 Acq: 11 Dec 2023 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AW6

Tgt Ion:180 Resp: 79320
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.9 113.9
 145 37.2 28.6 42.8

