

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039143.D
 Acq On : 11 Dec 2023 14:59
 Operator : JC/MD
 Sample : 05646-16DL 400X
 Misc : 2.63g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS3DL

Quant Time: Dec 12 03:54:46 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)

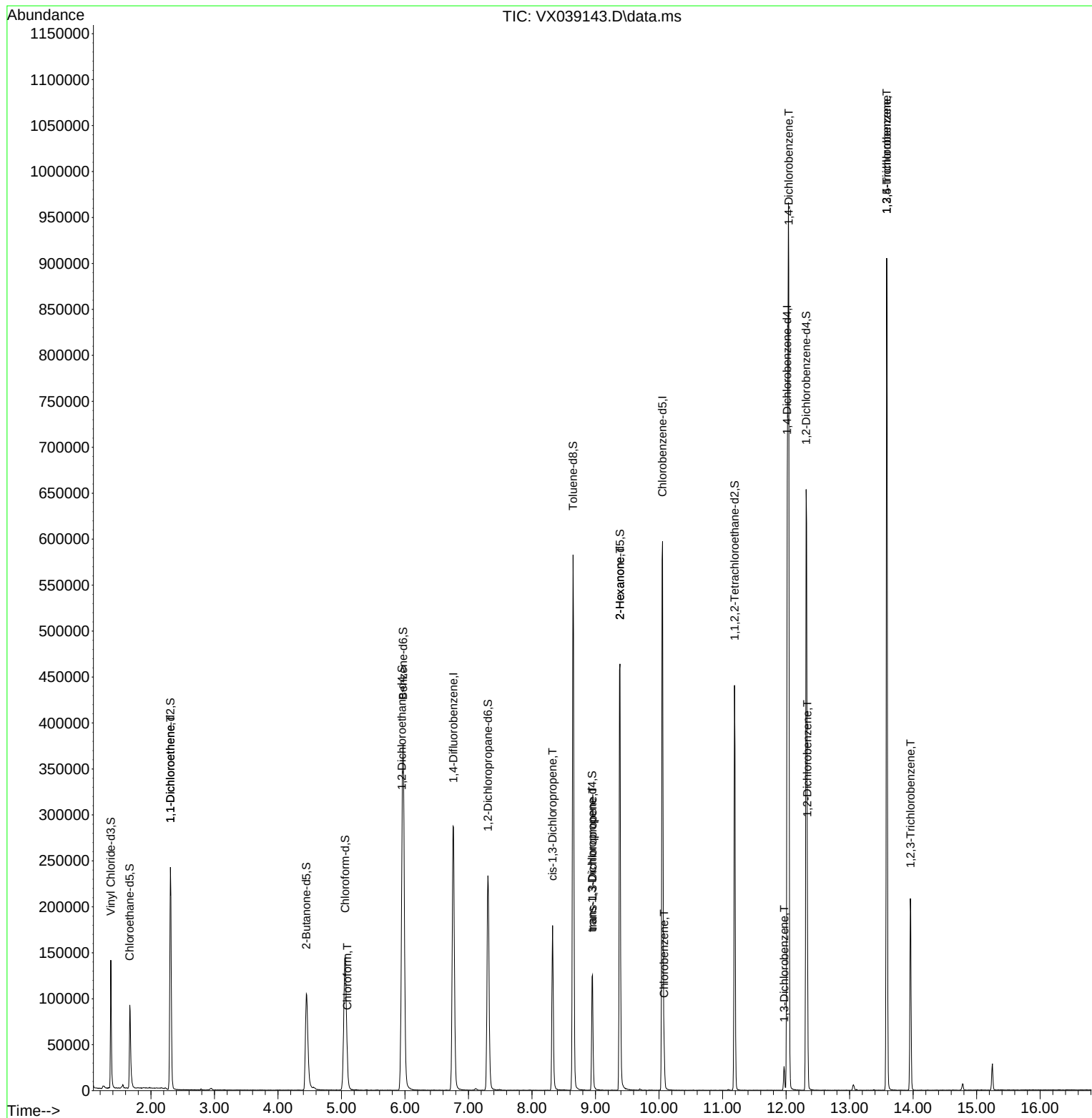
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	285521	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	255957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	121009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	87594	39.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.220%
7) Chloroethane-d5	1.666	69	66305	40.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.120%
11) 1,1-Dichloroethene-d2	2.306	65	43704	44.458	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.920%
21) 2-Butanone-d5	4.446	46	185127	91.323	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.320%
24) Chloroform-d	5.056	84	178641	45.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	5.952	65	125476	48.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	5.970	84	374253	47.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	7.306	67	122095	48.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	8.647	98	329877	46.081	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	8.946	79	59917	46.315	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.640%
47) 2-Hexanone-d5	9.384	63	136658	90.004	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170697	47.333	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.660%
66) 1,2-Dichlorobenzene-d4	12.317	152	113227	49.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	954	0.519	ug/L #	1
25) Chloroform	5.093	83	5518	1.444	ug/L	93
39) cis-1,3-Dichloropropene	8.324	75	4459	1.239	ug/L #	60
44) trans-1,3-Dichloropropene	8.952	75	3066	0.918	ug/L	96
48) 2-Hexanone	9.384	43	16926	5.349	ug/L #	68
51) Chlorobenzene	10.079	112	15217	2.856	ug/L	90
64) 1,3-Dichlorobenzene	11.969	146	7565	1.999	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	260570	67.943	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	48313	13.345	ug/L	100
69) 1,3,5-Trichlorobenzene	13.585	180	184006	73.517	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	184006	77.984	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	44529	19.490	ug/L	99

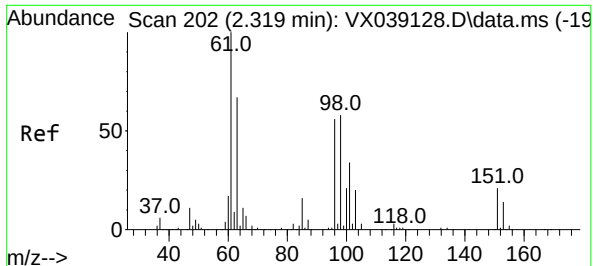
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 12 03:54:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.519 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039143.D

Acq: 11 Dec 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

C0AS3DL

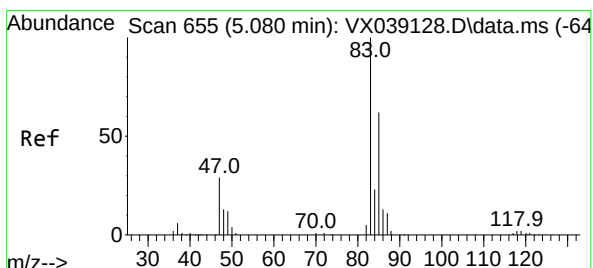
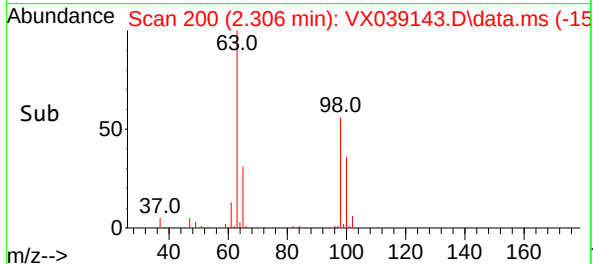
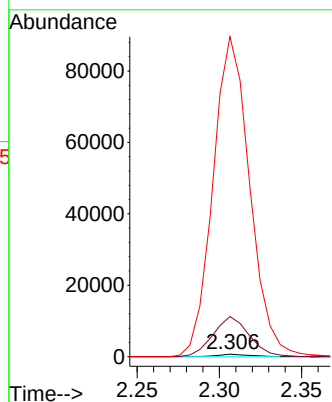
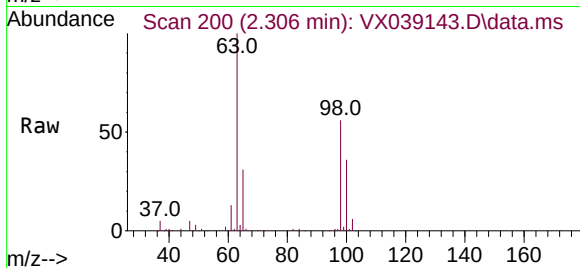
Tgt Ion: 96 Resp: 954

Ion Ratio Lower Upper

96 100

61 1569.6 128.0 237.6#

63 12498.7 101.5 188.5#



#25

Chloroform

Concen: 1.444 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX039143.D

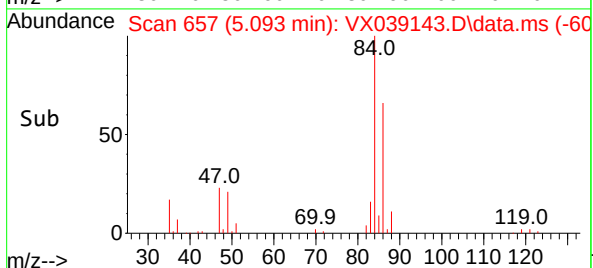
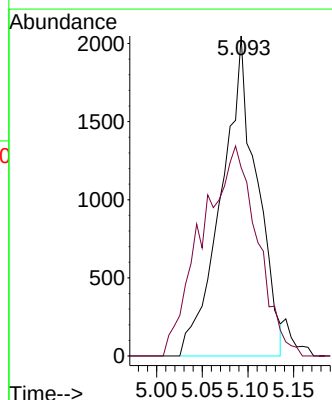
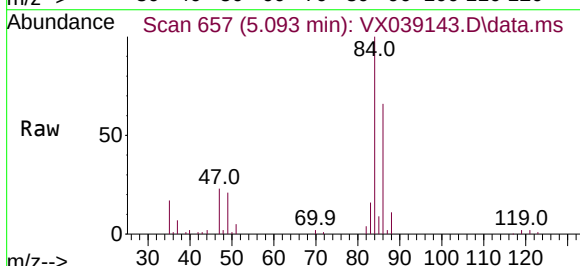
Acq: 11 Dec 2023 14:59

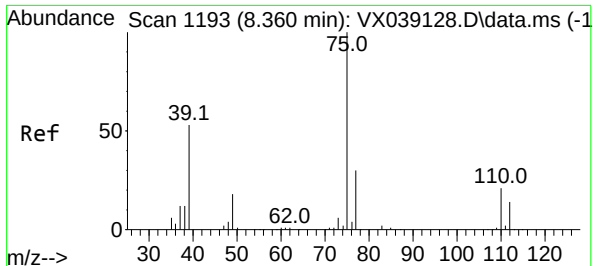
Tgt Ion: 83 Resp: 5518

Ion Ratio Lower Upper

83 100

85 58.8 45.1 83.7





#39

cis-1,3-Dichloropropene

Concen: 1.239 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039143.D

Acq: 11 Dec 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

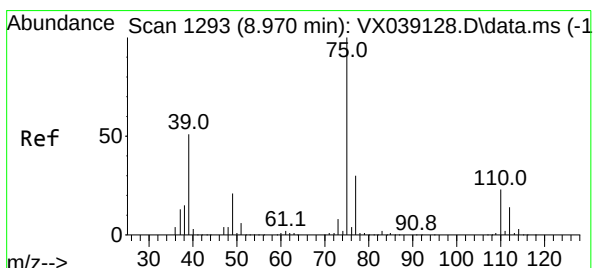
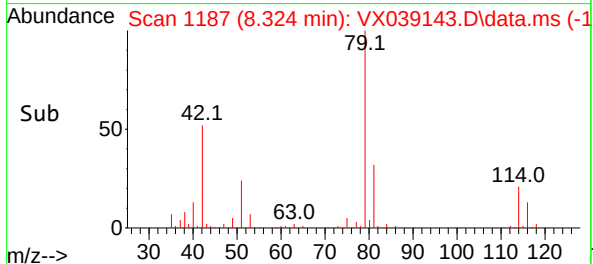
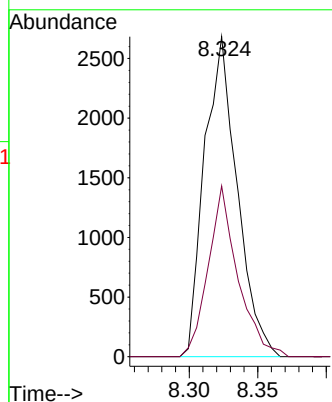
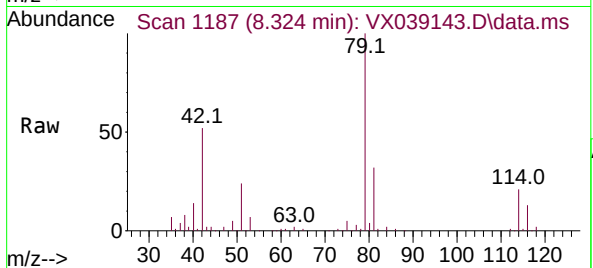
C0AS3DL

Tgt Ion: 75 Resp: 4459

Ion Ratio Lower Upper

75 100

77 53.4 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.918 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.018 min

Lab File: VX039143.D

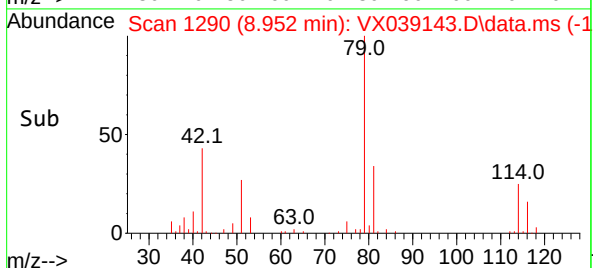
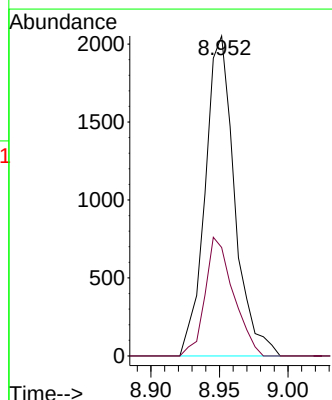
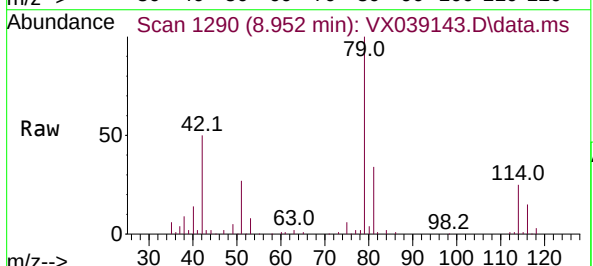
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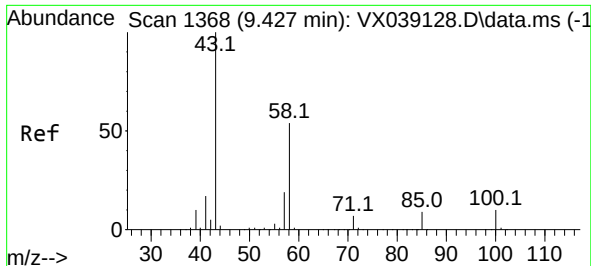
Tgt Ion: 75 Resp: 3066

Ion Ratio Lower Upper

75 100

77 33.9 22.0 40.8

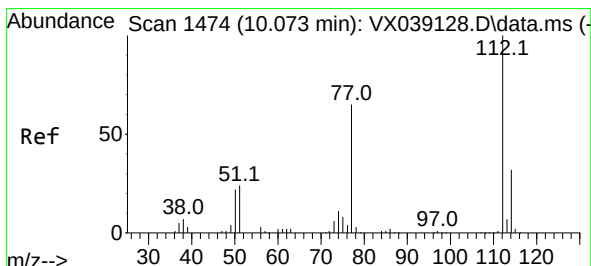
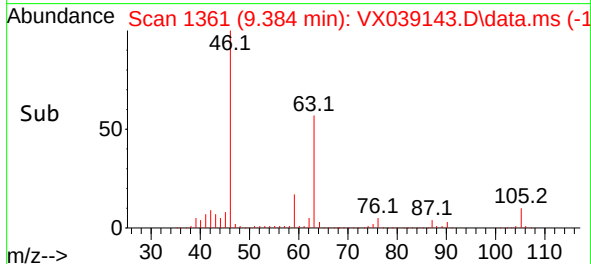
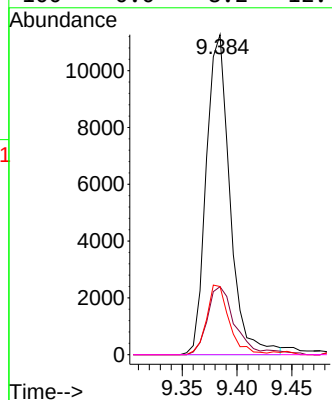
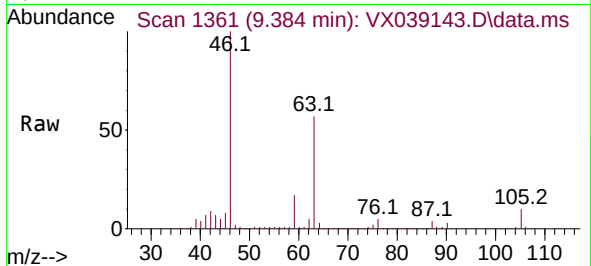




#48
2-Hexanone
Concen: 5.349 ug/L
RT: 9.384 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

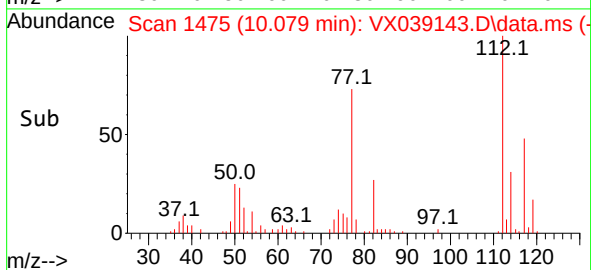
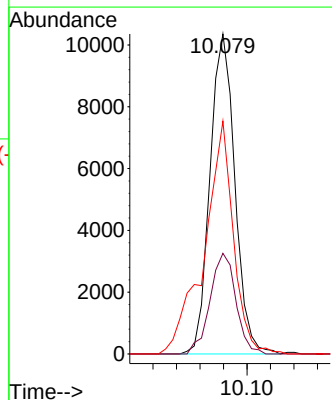
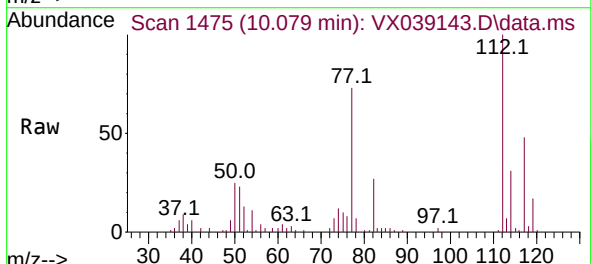
Instrument :
MSVOA_X
ClientSampleId :
C0AS3DL

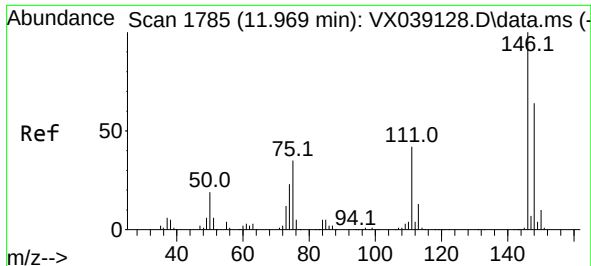
Tgt Ion: 43	Resp: 16926
Ion Ratio	Lower Upper
43 100	
58 23.9	43.0 64.6#
57 20.8	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 2.856 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

Tgt Ion:112	Resp: 15217
Ion Ratio	Lower Upper
112 100	
114 31.4	21.8 40.4
77 72.8	49.0 73.6

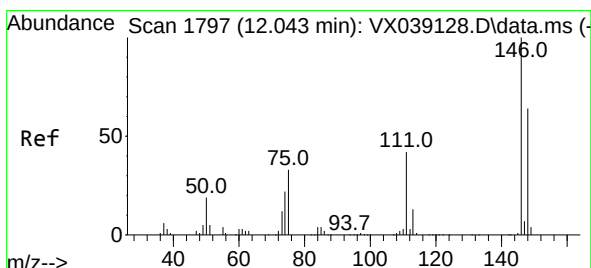
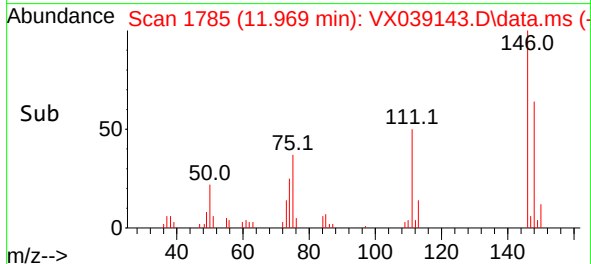
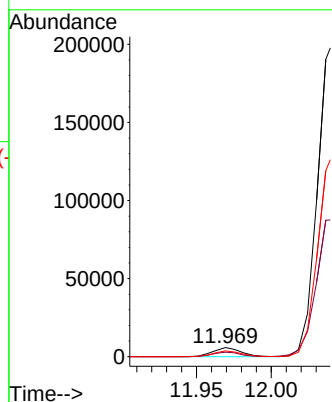
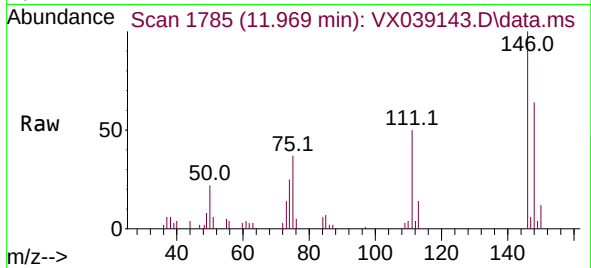




#64
1,3-Dichlorobenzene
Concen: 1.999 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

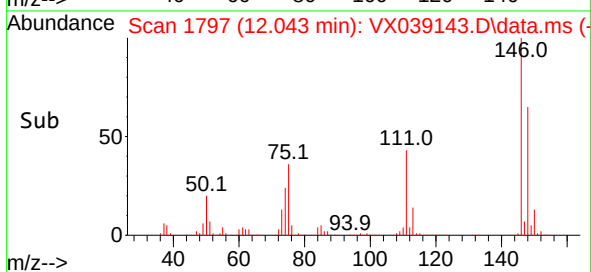
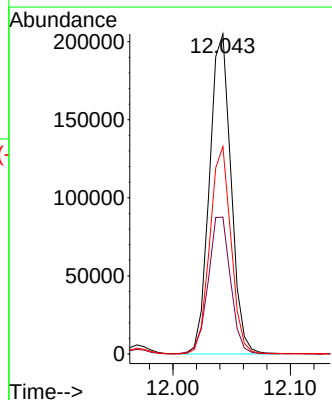
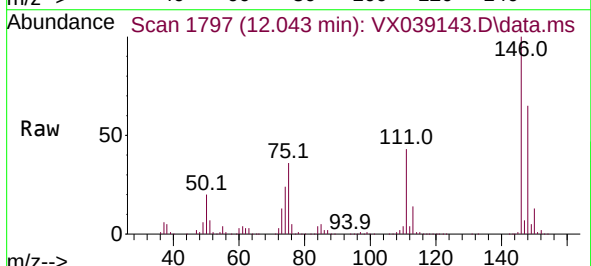
Instrument :
MSVOA_X
ClientSampleId :
C0AS3DL

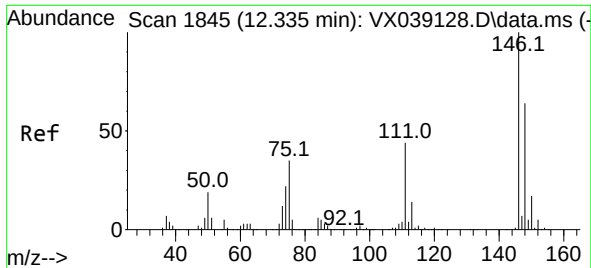
Tgt Ion:146 Resp: 7565
Ion Ratio Lower Upper
146 100
111 50.1 30.0 55.6
148 64.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 67.943 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

Tgt Ion:146 Resp: 260570
Ion Ratio Lower Upper
146 100
111 42.7 29.7 55.1
148 64.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 13.345 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039143.D

Acq: 11 Dec 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

C0AS3DL

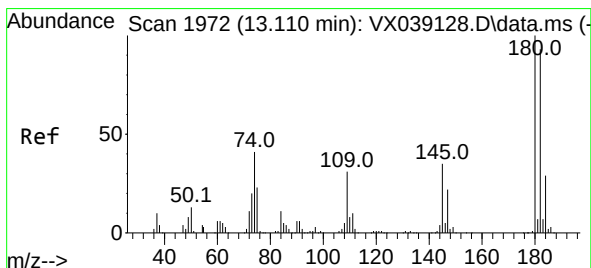
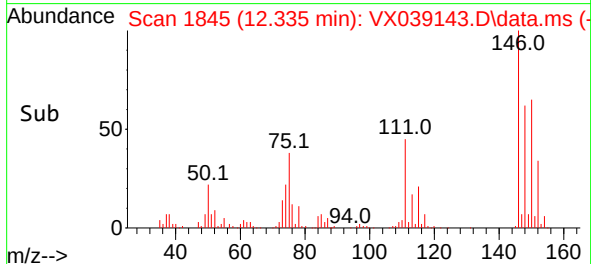
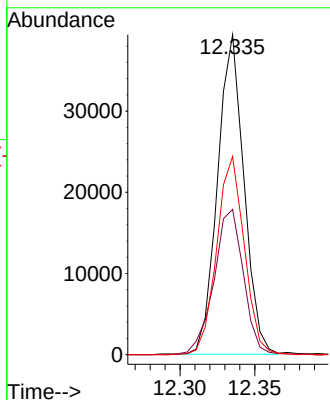
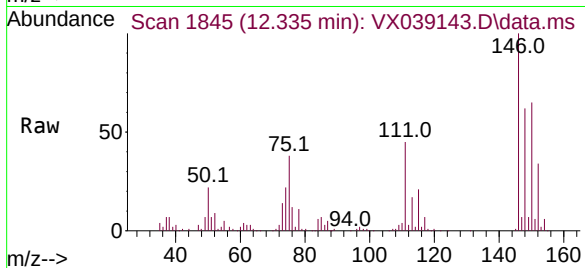
Tgt Ion:146 Resp: 48313

Ion Ratio Lower Upper

146 100

111 45.4 36.4 54.6

148 62.0 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 73.517 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX039143.D

Acq: 11 Dec 2023 14:59

Tgt Ion:180 Resp: 184006

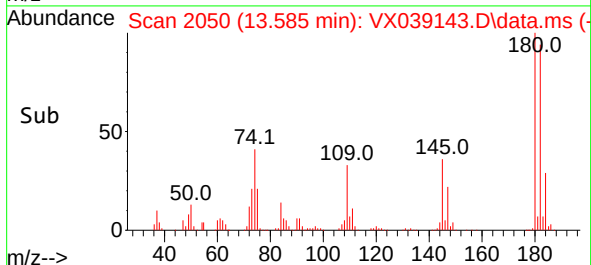
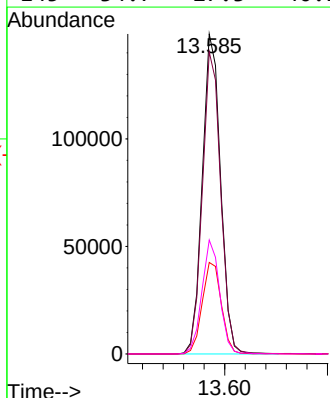
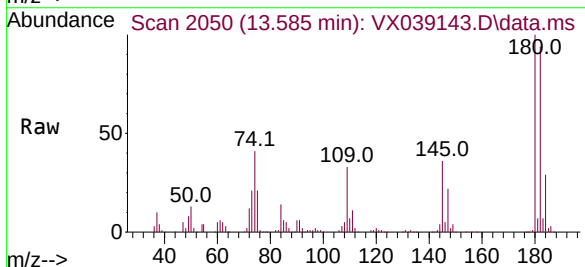
Ion Ratio Lower Upper

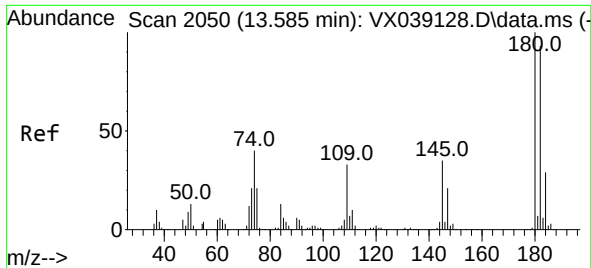
180 100

182 94.3 76.1 114.1

184 30.0 24.1 36.1

145 34.7 27.3 40.9

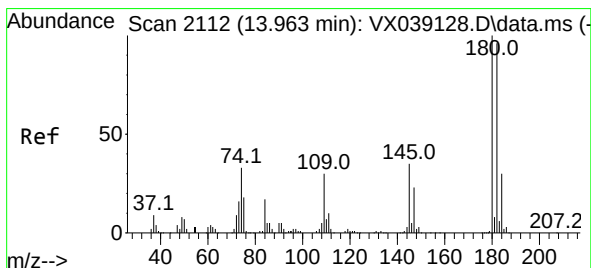
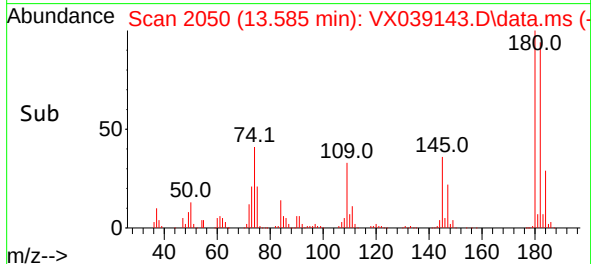
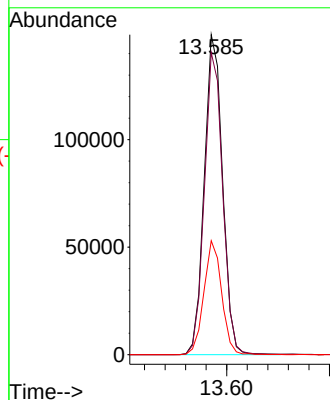
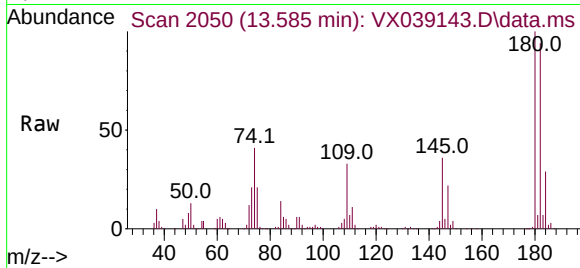




#70
1,2,4-trichlorobenzene
Concen: 77.984 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

Instrument :
MSVOA_X
ClientSampleId :
C0AS3DL

Tgt Ion:180 Resp: 184006
Ion Ratio Lower Upper
180 100
182 94.3 76.8 115.2
145 34.7 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 19.490 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039143.D
Acq: 11 Dec 2023 14:59

Tgt Ion:180 Resp: 44529
Ion Ratio Lower Upper
180 100
182 93.0 75.9 113.9
145 35.7 28.6 42.8

