

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039145.D
 Acq On : 11 Dec 2023 15:45
 Operator : JC/MD
 Sample : 05646-18DL 200X
 Misc : 3.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5DL

Quant Time: Dec 12 03:55:17 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)

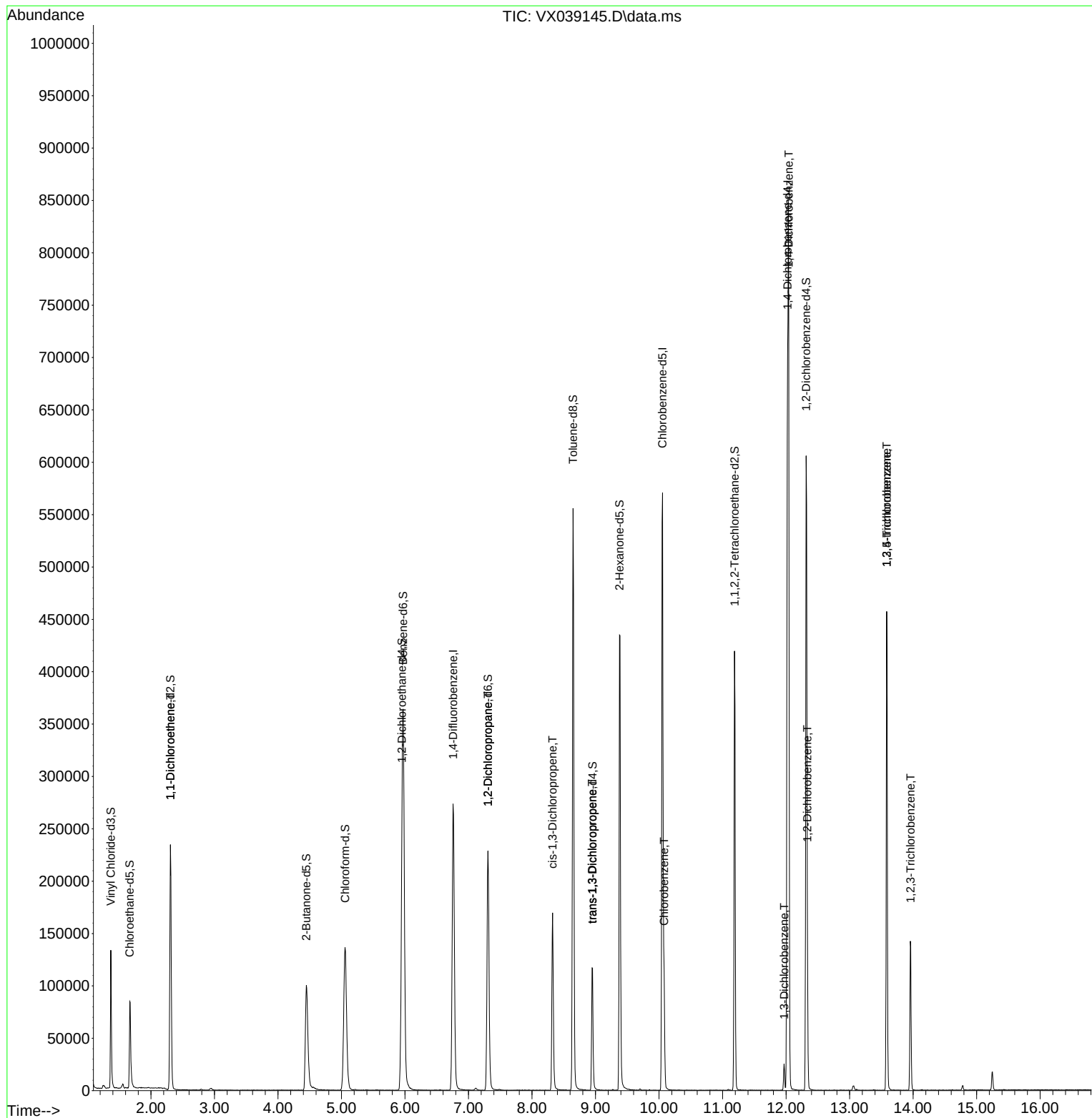
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	269482	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	242726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84482	39.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.940%		
7) Chloroethane-d5	1.666	69	64894	41.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.080%		
11) 1,1-Dichloroethene-d2	2.307	65	42301	45.592	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.180%		
21) 2-Butanone-d5	4.446	46	178928	93.519	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.520%		
24) Chloroform-d	5.056	84	172447	46.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.180%		
26) 1,2-Dichloroethane-d4	5.952	65	120505	49.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.460%		
32) Benzene-d6	5.970	84	362001	48.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.640%		
36) 1,2-Dichloropropane-d6	7.306	67	117400	48.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.400%		
41) Toluene-d8	8.647	98	318802	46.961	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.920%		
43) trans-1,3-Dichloroprop...	8.952	79	57333	46.734	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.460%		
47) 2-Hexanone-d5	9.378	63	131142	91.079	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.080%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	161978	47.364	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	12.317	152	109410	50.961	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.920%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	960	0.553	ug/L #	1
37) 1,2-Dichloropropane	7.306	63	13235	6.187	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3951	1.158	ug/L #	55
44) trans-1,3-Dichloropropene	8.946	75	2784	0.879	ug/L	96
51) Chlorobenzene	10.079	112	42912	8.493	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	7387	2.079	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	225379	62.609	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	33617	9.893	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	90559	38.547	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	90559	40.890	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	30155	14.062	ug/L	99

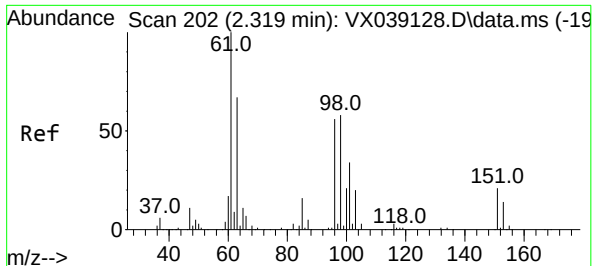
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
Data File : VX039145.D
Acq On : 11 Dec 2023 15:45
Operator : JC/MD
Sample : 05646-18DL 200X
Misc : 3.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AS5DL

Quant Time: Dec 12 03:55:17 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: 0.553 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039145.D

Acq: 11 Dec 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

C0AS5DL

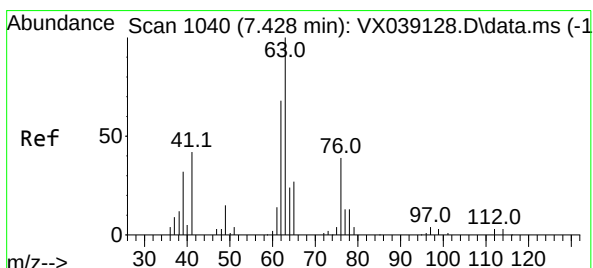
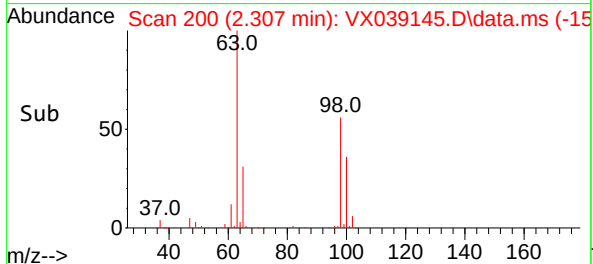
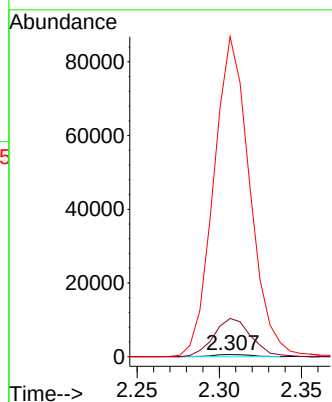
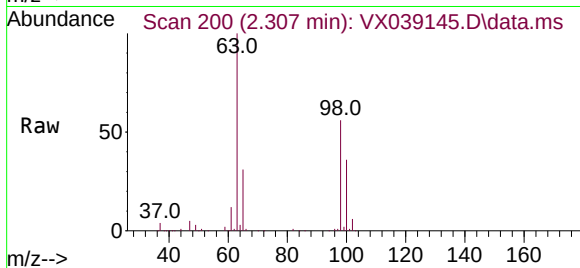
Tgt Ion: 96 Resp: 960

Ion Ratio Lower Upper

96 100

61 1768.1 128.0 237.6#

63 14815.0 101.5 188.5#



#37

1,2-Dichloropropane

Concen: 6.187 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039145.D

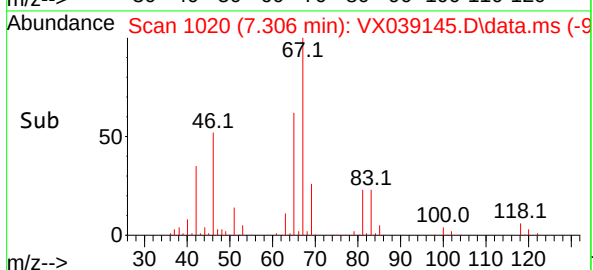
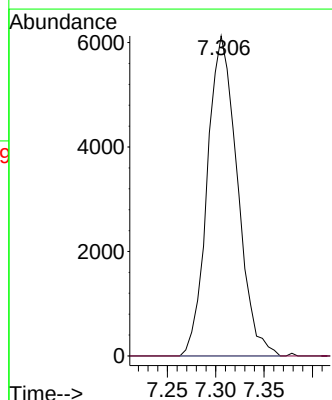
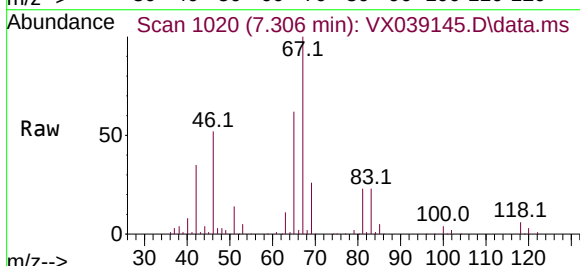
Acq: 11 Dec 2023 15:45

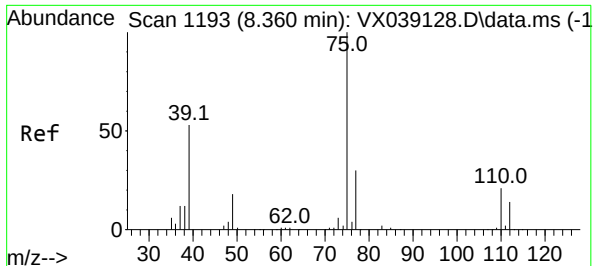
Tgt Ion: 63 Resp: 13235

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.158 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039145.D

Acq: 11 Dec 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

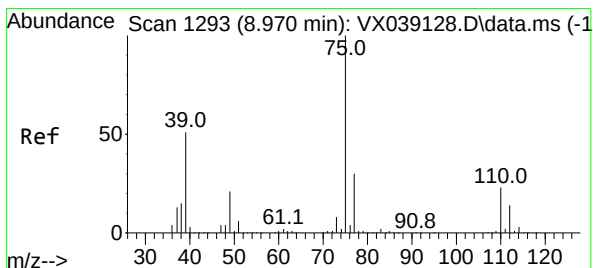
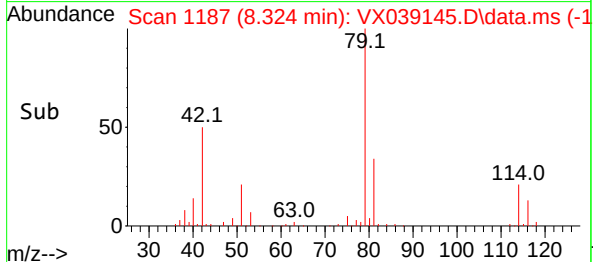
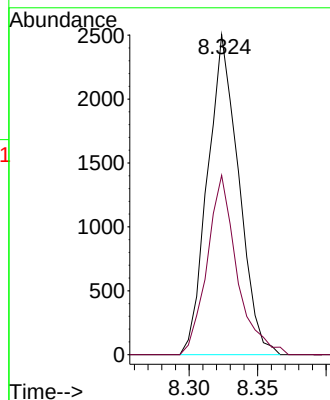
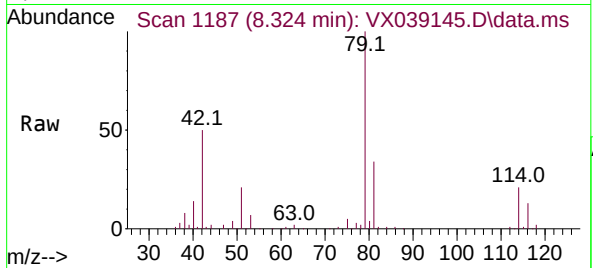
C0AS5DL

Tgt Ion: 75 Resp: 3951

Ion Ratio Lower Upper

75 100

77 56.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.879 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.024 min

Lab File: VX039145.D

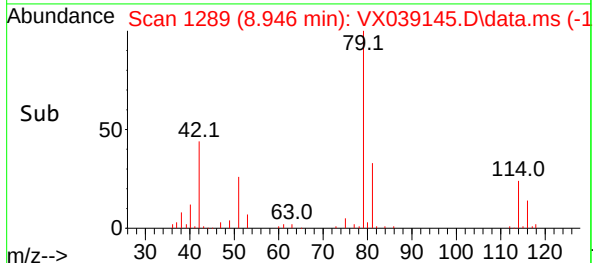
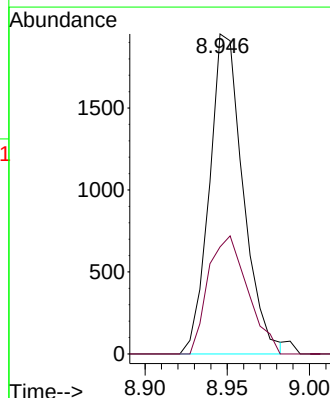
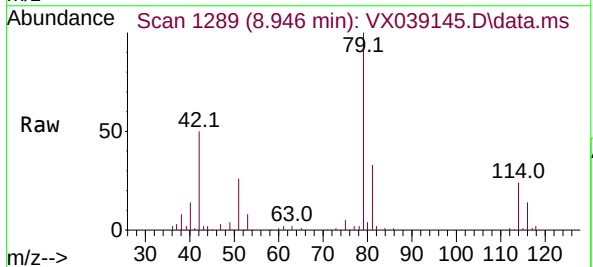
Acq: 11 Dec 2023 15:45

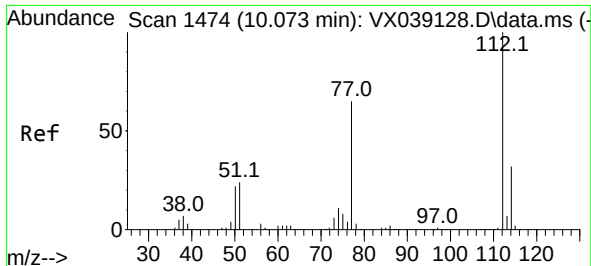
Tgt Ion: 75 Resp: 2784

Ion Ratio Lower Upper

75 100

77 33.5 22.0 40.8

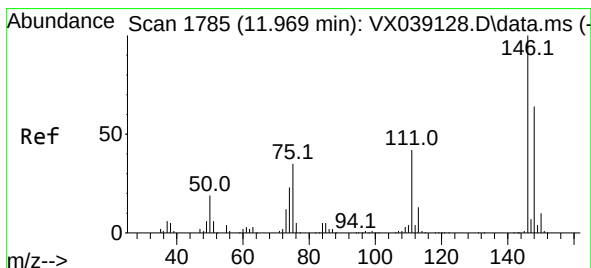
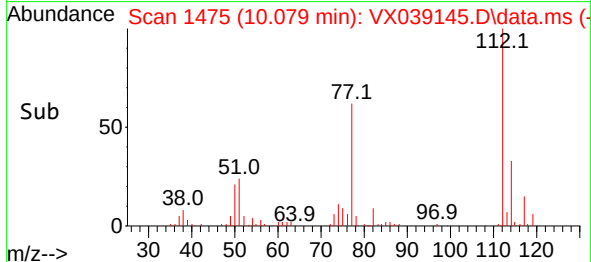
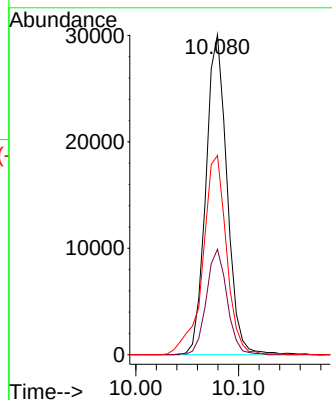
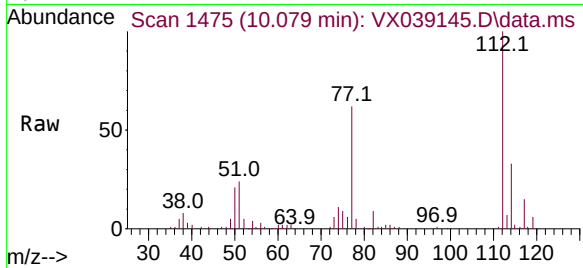




#51
Chlorobenzene
Concen: 8.493 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039145.D
Acq: 11 Dec 2023 15:45

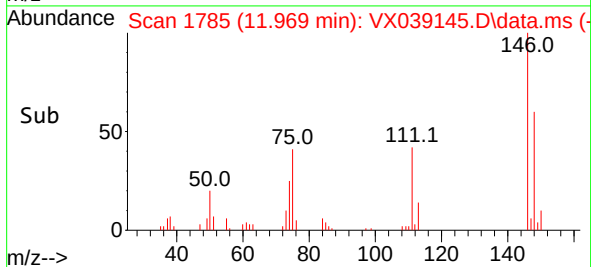
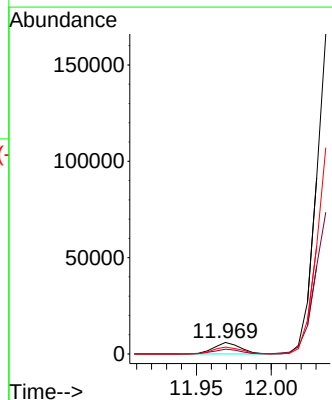
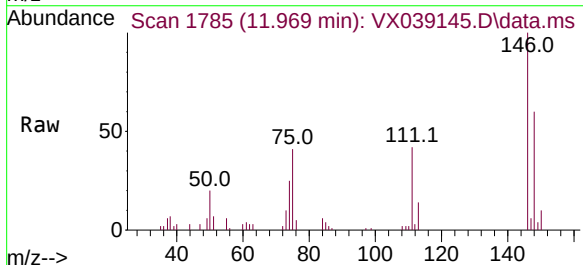
Instrument :
MSVOA_X
ClientSampleId :
C0AS5DL

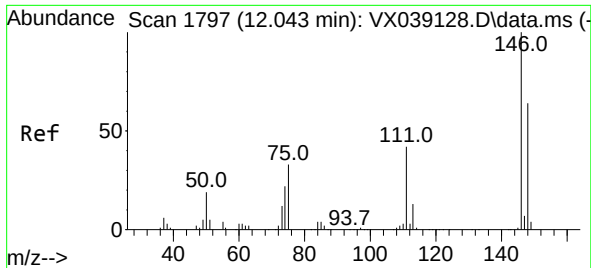
Tgt Ion:112 Resp: 42912
Ion Ratio Lower Upper
112 100
114 32.9 21.8 40.4
77 62.3 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 2.079 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039145.D
Acq: 11 Dec 2023 15:45

Tgt Ion:146 Resp: 7387
Ion Ratio Lower Upper
146 100
111 41.9 30.0 55.6
148 60.1 44.2 82.0

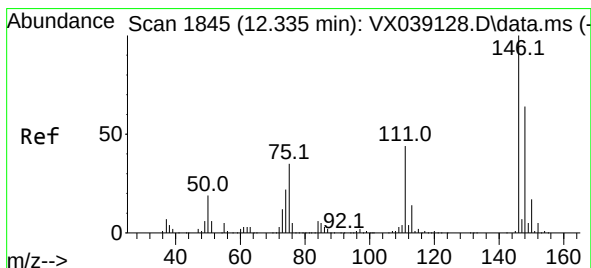
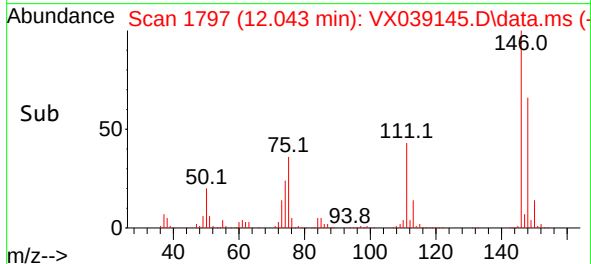
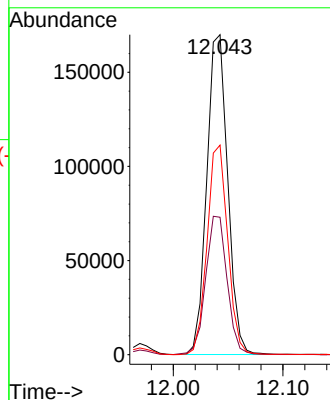
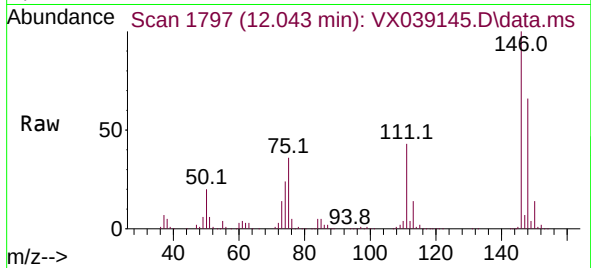




#65
1,4-Dichlorobenzene
Concen: 62.609 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039145.D
Acq: 11 Dec 2023 15:45

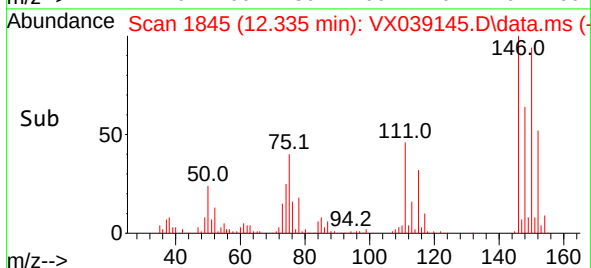
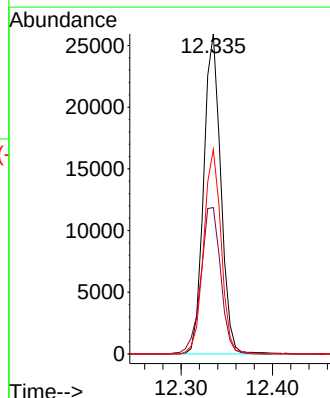
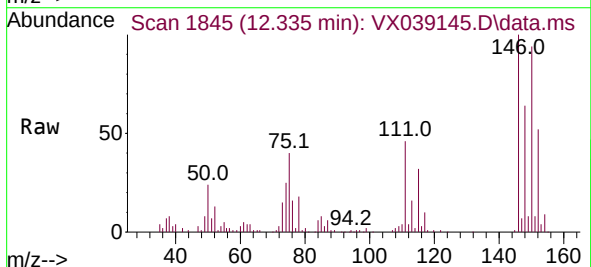
Instrument :
MSVOA_X
ClientSampleId :
C0AS5DL

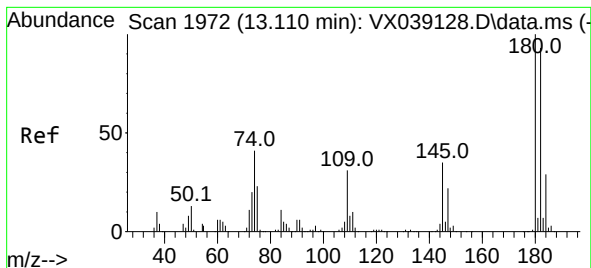
Tgt Ion:146 Resp: 225379
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 65.5 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 9.893 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039145.D
Acq: 11 Dec 2023 15:45

Tgt Ion:146 Resp: 33617
Ion Ratio Lower Upper
146 100
111 45.7 36.4 54.6
148 63.9 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 38.547 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX039145.D

Acq: 11 Dec 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

C0AS5DL

Tgt Ion:180 Resp: 90559

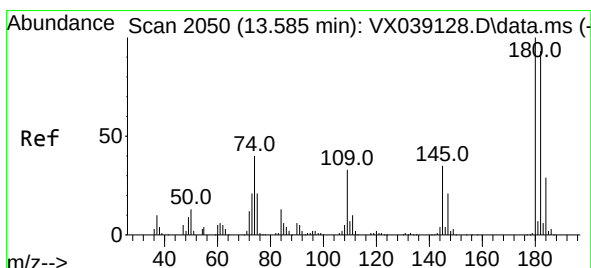
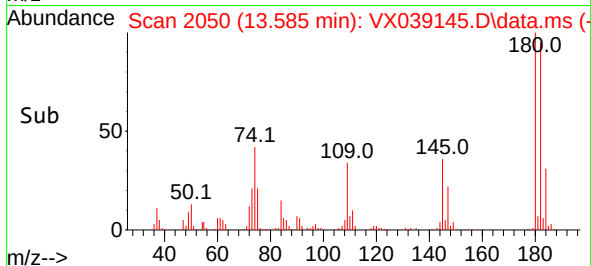
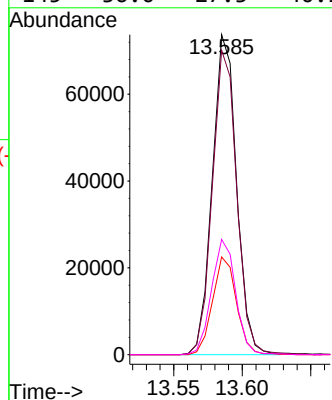
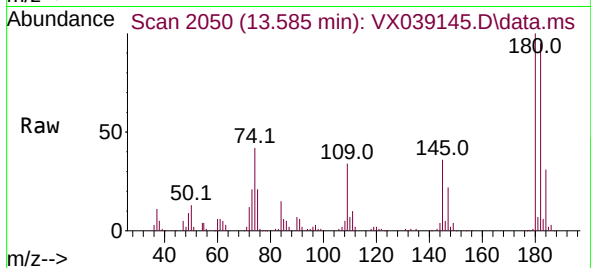
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

184 30.2 24.1 36.1

145 36.0 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 40.890 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039145.D

Acq: 11 Dec 2023 15:45

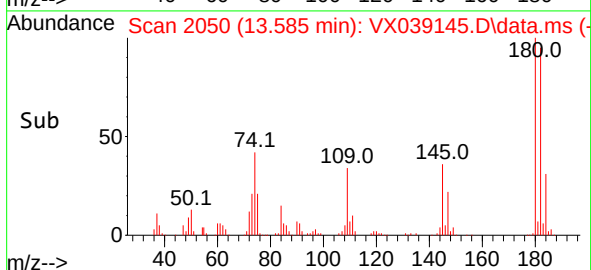
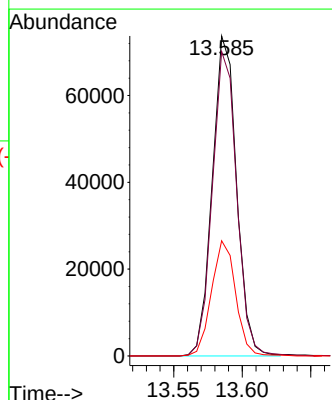
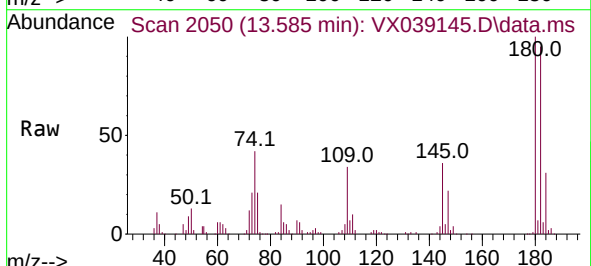
Tgt Ion:180 Resp: 90559

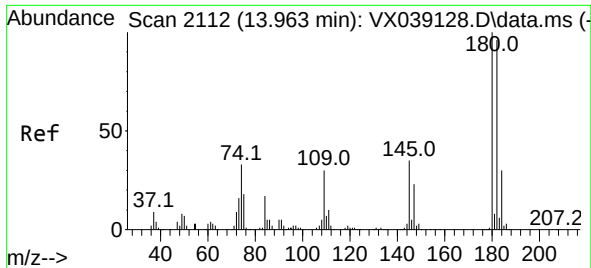
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

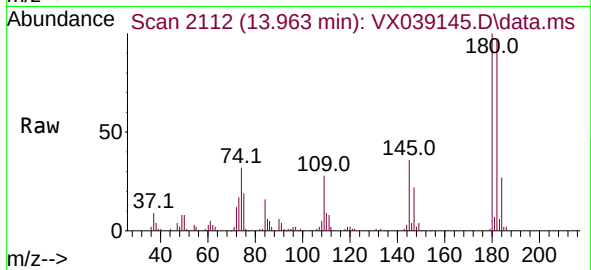
145 36.0 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 14.062 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039145.D
 Acq: 11 Dec 2023 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5DL



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
145	37.6	28.6	42.8

