

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039335.D
 Acq On : 19 Dec 2023 00:40
 Operator : JC/MD
 Sample : 05835-17 100X
 Misc : 3.82g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 04:22:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

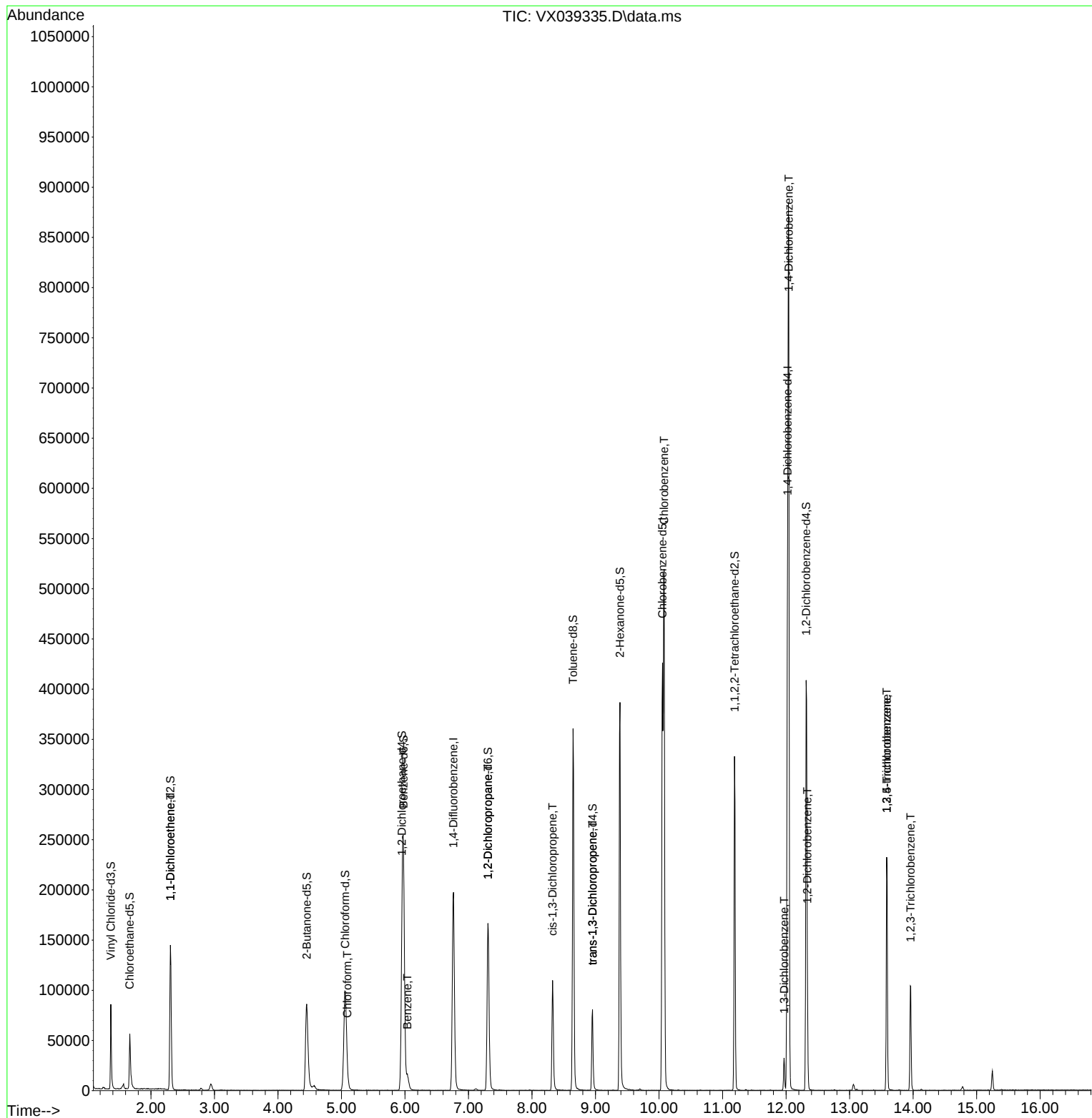
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188468	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172942	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51348	34.736	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.480%		
7) Chloroethane-d5	1.666	69	42940	39.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.600%		
11) 1,1-Dichloroethene-d2	2.306	65	26139	40.282	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.560%		
21) 2-Butanone-d5	4.452	46	151645	113.329	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	113.330%		
24) Chloroform-d	5.056	84	122675	46.879	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
26) 1,2-Dichloroethane-d4	5.952	65	91059	53.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.460%		
32) Benzene-d6	5.976	84	247760	46.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.840%		
36) 1,2-Dichloropropane-d6	7.305	67	83134	48.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.800%		
41) Toluene-d8	8.647	98	203974	42.171	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.340%		
43) trans-1,3-Dichloroprop...	8.951	79	35452	40.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.120%		
47) 2-Hexanone-d5	9.384	63	108098	105.369	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.370%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124586	51.130	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.260%		
66) 1,2-Dichlorobenzene-d4	12.317	152	73039	47.570	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	657	0.541	ug/L #	1
25) Chloroform	5.092	83	6303	2.498	ug/L	98
33) Benzene	6.037	78	15065	2.741	ug/L	100
37) 1,2-Dichloropropane	7.305	63	9684	6.353	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	2825	1.162	ug/L #	60
44) trans-1,3-Dichloropropene	8.951	75	1722	0.763	ug/L	94
51) Chlorobenzene	10.079	112	210963	58.602	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	9368	3.687	ug/L	89
65) 1,4-Dichlorobenzene	12.042	146	244477	94.963	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	23411	9.633	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	48415	28.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	48415	30.567	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	22416	14.616	ug/L	97

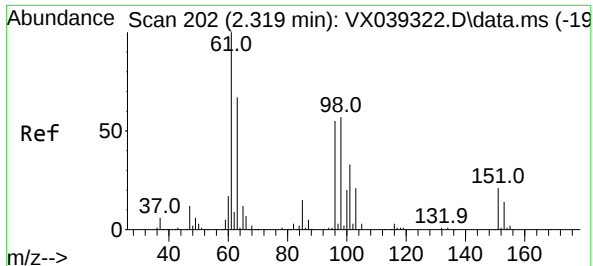
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
Data File : VX039335.D
Acq On : 19 Dec 2023 00:40
Operator : JC/MD
Sample : 05835-17 100X
Misc : 3.82g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 04:22:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 18 22:55:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.541 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

Instrument :

MSVOA_X

ClientSampleId :

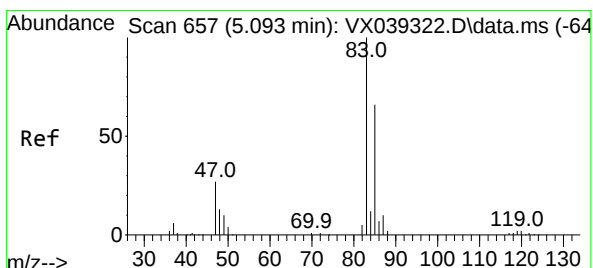
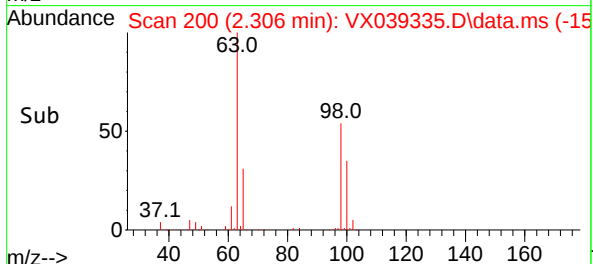
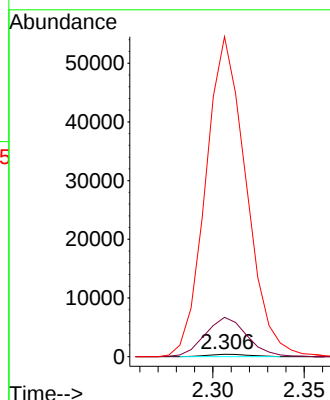
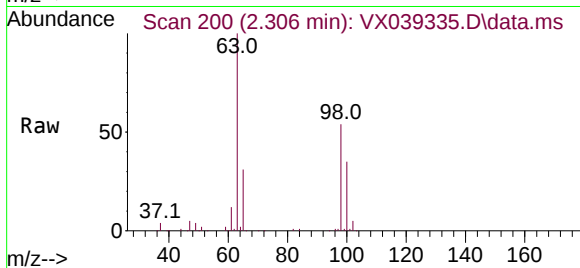
Tgt Ion: 96 Resp: 657

Ion Ratio Lower Upper

96 100

61 1628.7 128.0 237.6#

63 13265.2 101.5 188.5#



#25

Chloroform

Concen: 2.498 ug/L

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039335.D

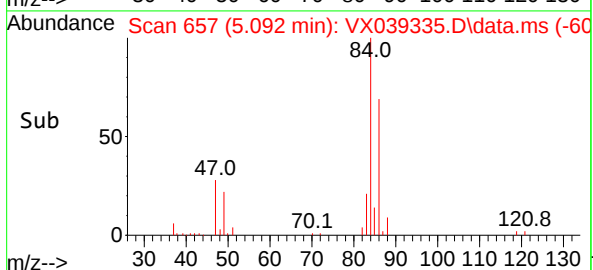
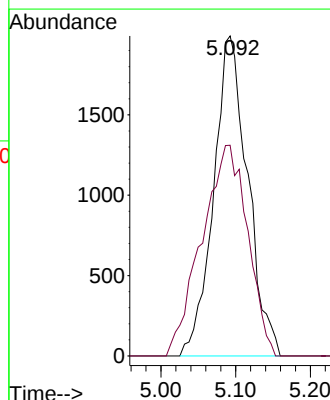
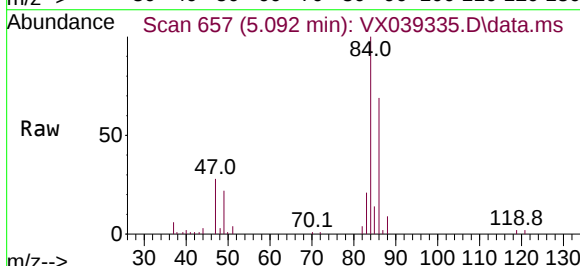
Acq: 19 Dec 2023 00:40

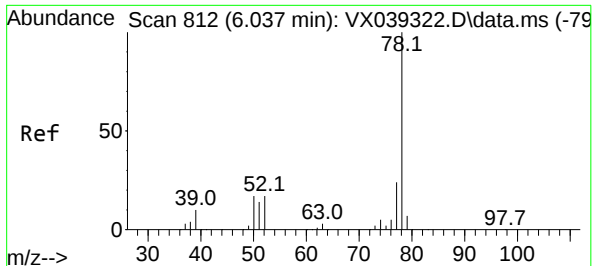
Tgt Ion: 83 Resp: 6303

Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7

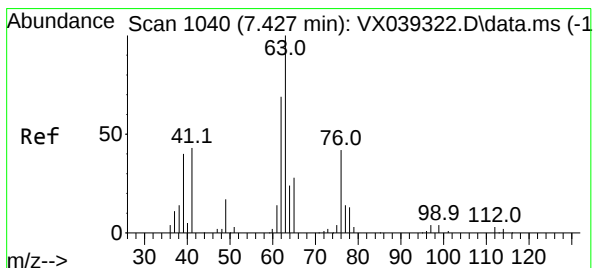
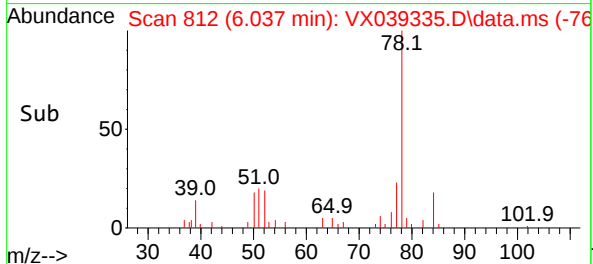
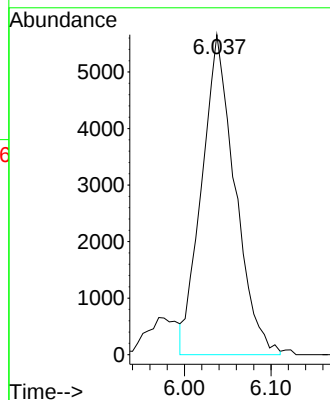
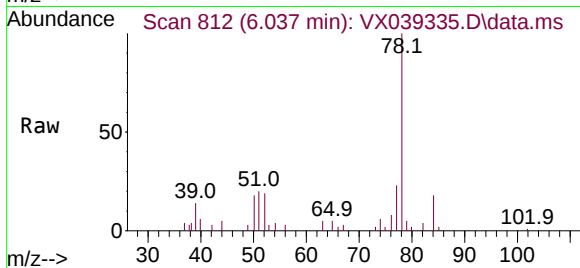




#33
Benzene
Concen: 2.741 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

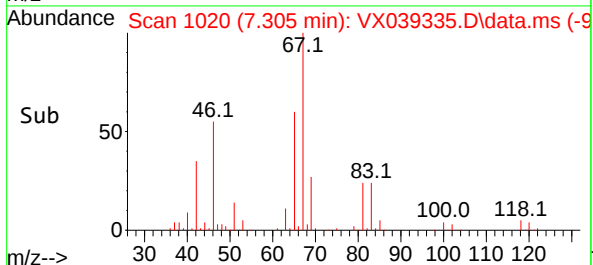
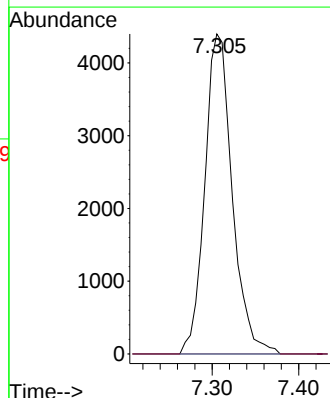
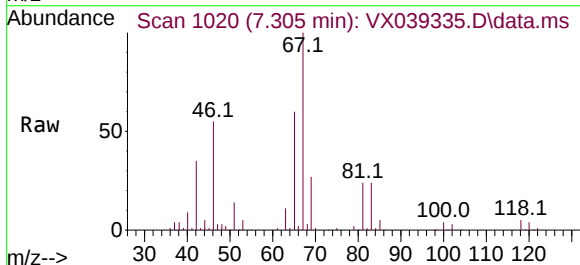
Instrument :
MSVOA_X
ClientSampleId :

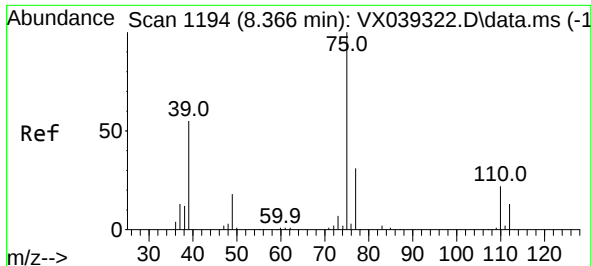
Tgt Ion: 78 Resp: 15065



#37
1,2-Dichloropropane
Concen: 6.353 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

Tgt Ion: 63 Resp: 9684
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.162 ug/L

RT: 8.324 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

Instrument :

MSVOA_X

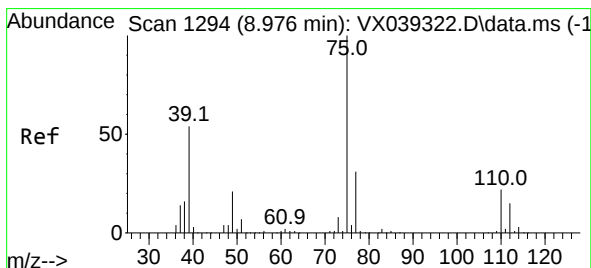
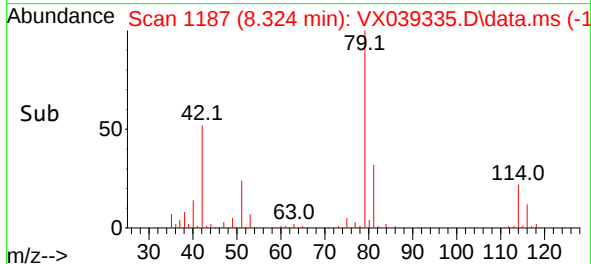
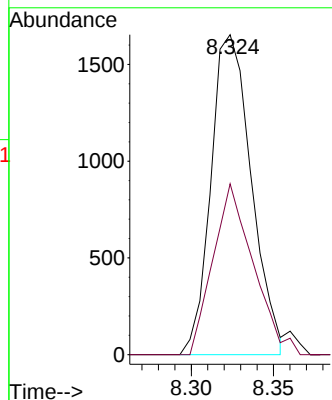
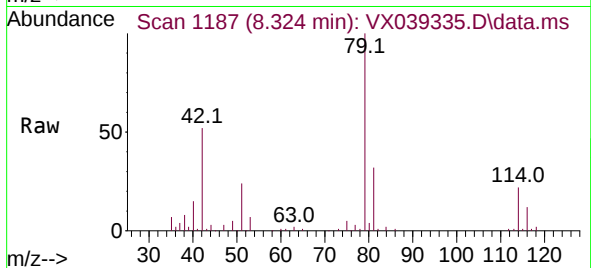
ClientSampleId :

Tgt Ion: 75 Resp: 2825

Ion Ratio Lower Upper

75 100

77 53.4 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.763 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX039335.D

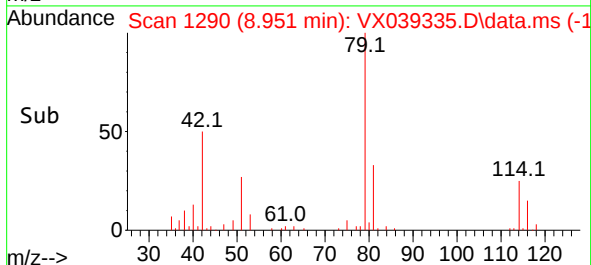
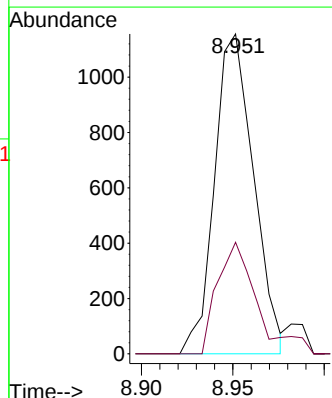
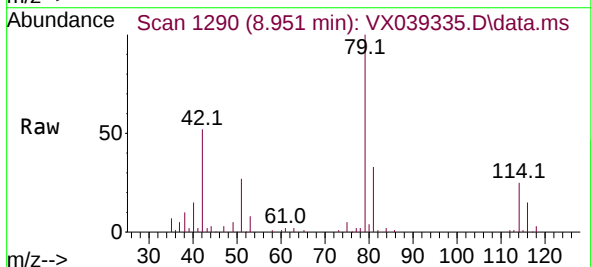
Acq: 19 Dec 2023 00:40

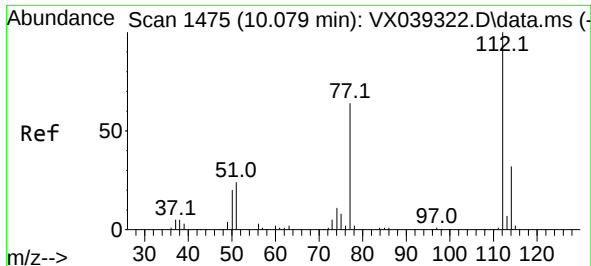
Tgt Ion: 75 Resp: 1722

Ion Ratio Lower Upper

75 100

77 34.9 22.0 40.8

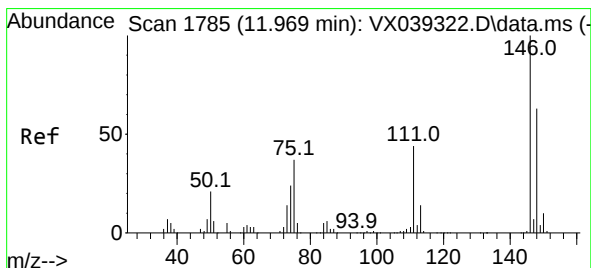
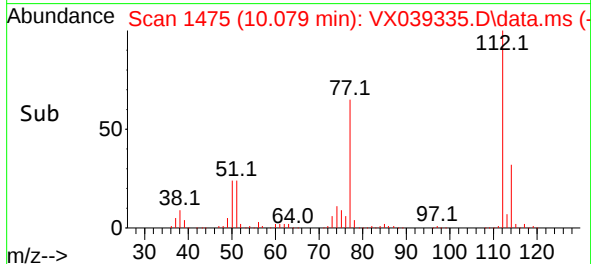
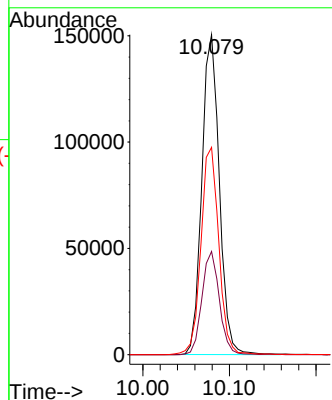
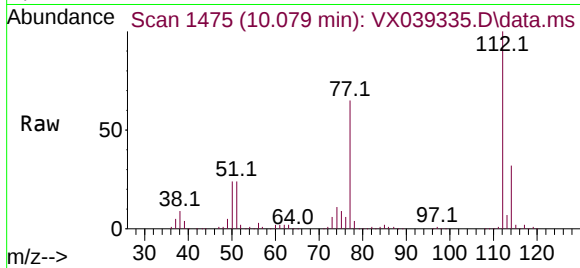




#51
Chlorobenzene
Concen: 58.602 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

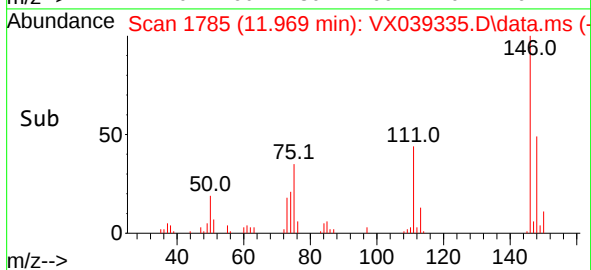
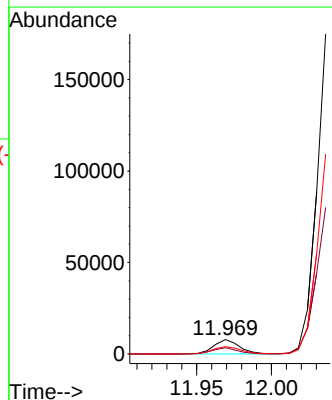
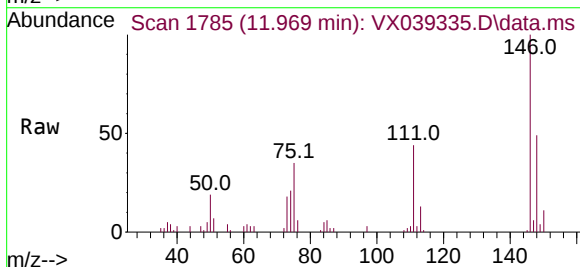
Instrument :
MSVOA_X
ClientSampleId :

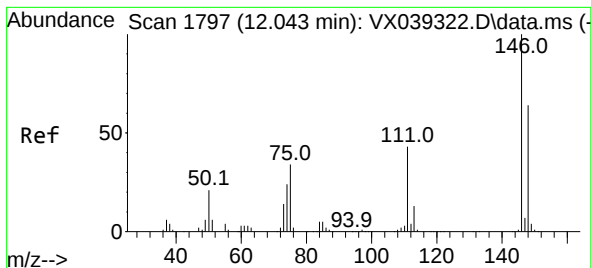
Tgt Ion:112 Resp: 210963
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 64.8 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 3.687 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

Tgt Ion:146 Resp: 9368
Ion Ratio Lower Upper
146 100
111 43.6 30.0 55.6
148 49.3 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 94.963 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

Instrument :

MSVOA_X

ClientSampleId :

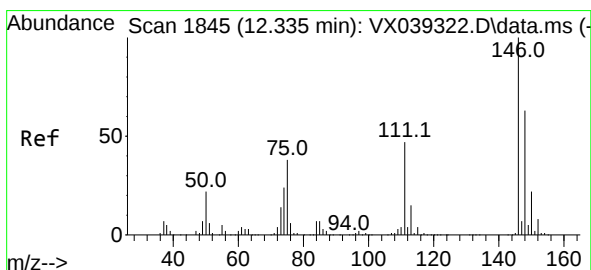
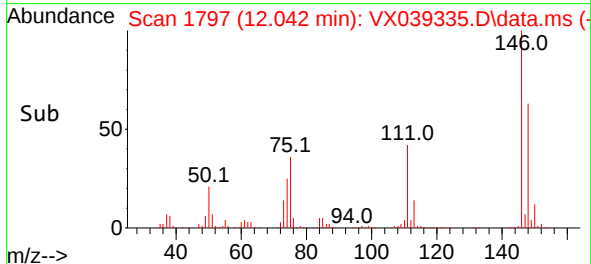
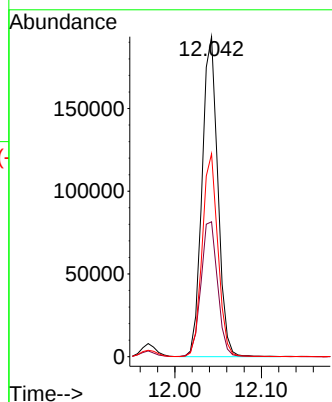
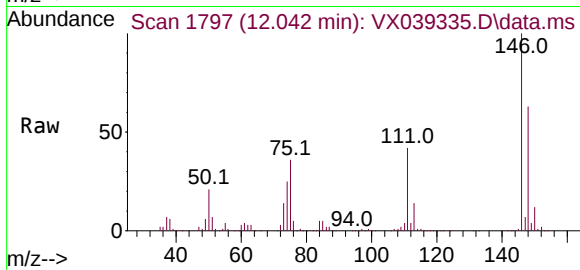
Tgt Ion:146 Resp: 244477

Ion Ratio Lower Upper

146 100

111 42.1 29.7 55.1

148 63.4 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 9.633 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

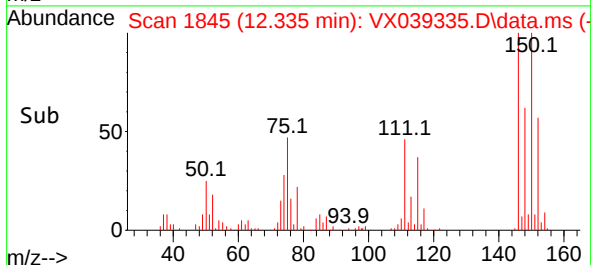
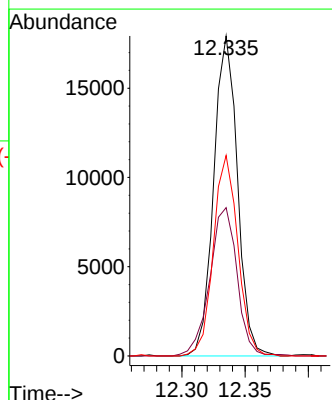
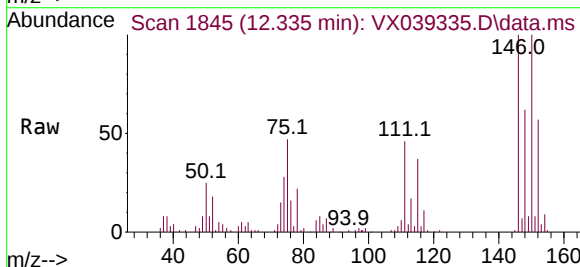
Tgt Ion:146 Resp: 23411

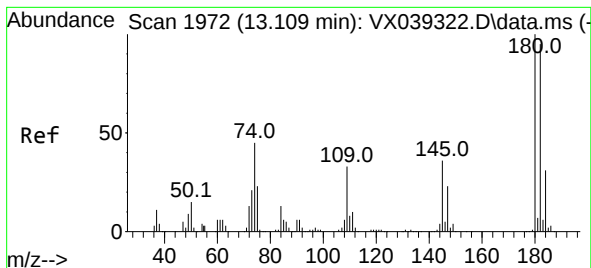
Ion Ratio Lower Upper

146 100

111 46.4 36.4 54.6

148 62.6 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 28.816 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

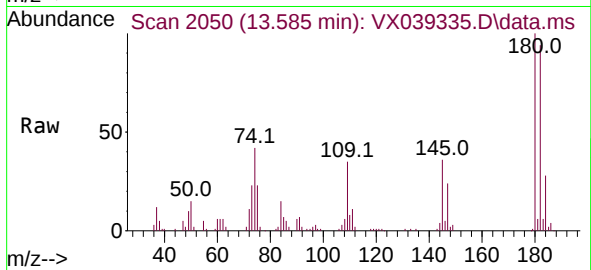
Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 48415

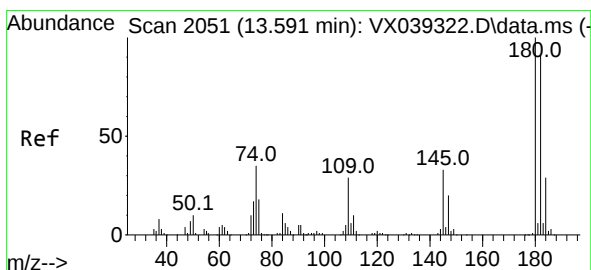
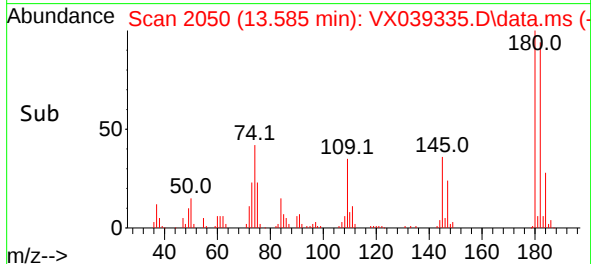
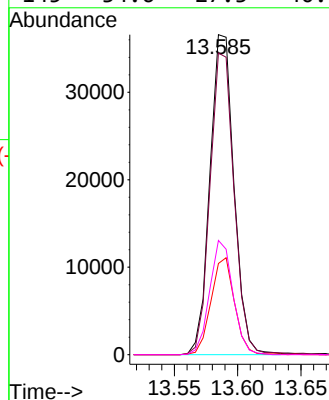
Ion Ratio Lower Upper

180 100

182 93.7 76.1 114.1

184 29.5 24.1 36.1

145 34.6 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 30.567 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX039335.D

Acq: 19 Dec 2023 00:40

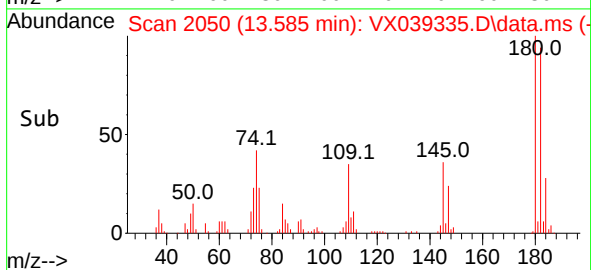
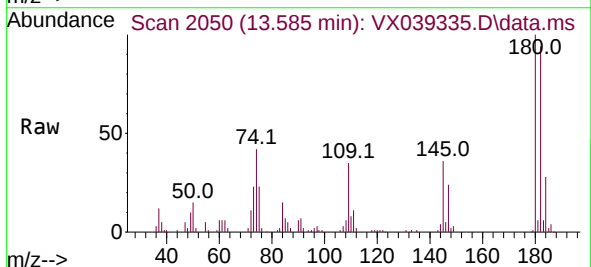
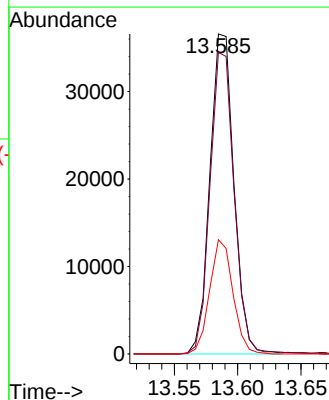
Tgt Ion:180 Resp: 48415

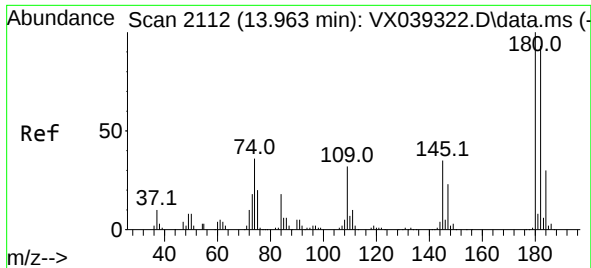
Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

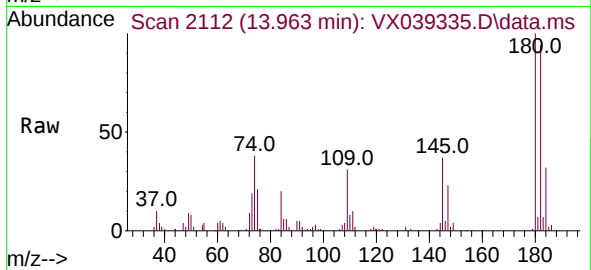
145 34.6 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 14.616 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039335.D
 Acq: 19 Dec 2023 00:40

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	22416
Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.9	113.9
145	37.9	28.6	42.8

