

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039337.D
 Acq On : 19 Dec 2023 01:25
 Operator : JC/MD
 Sample : 05835-19 100X
 Misc : 4.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 04:22:56 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)

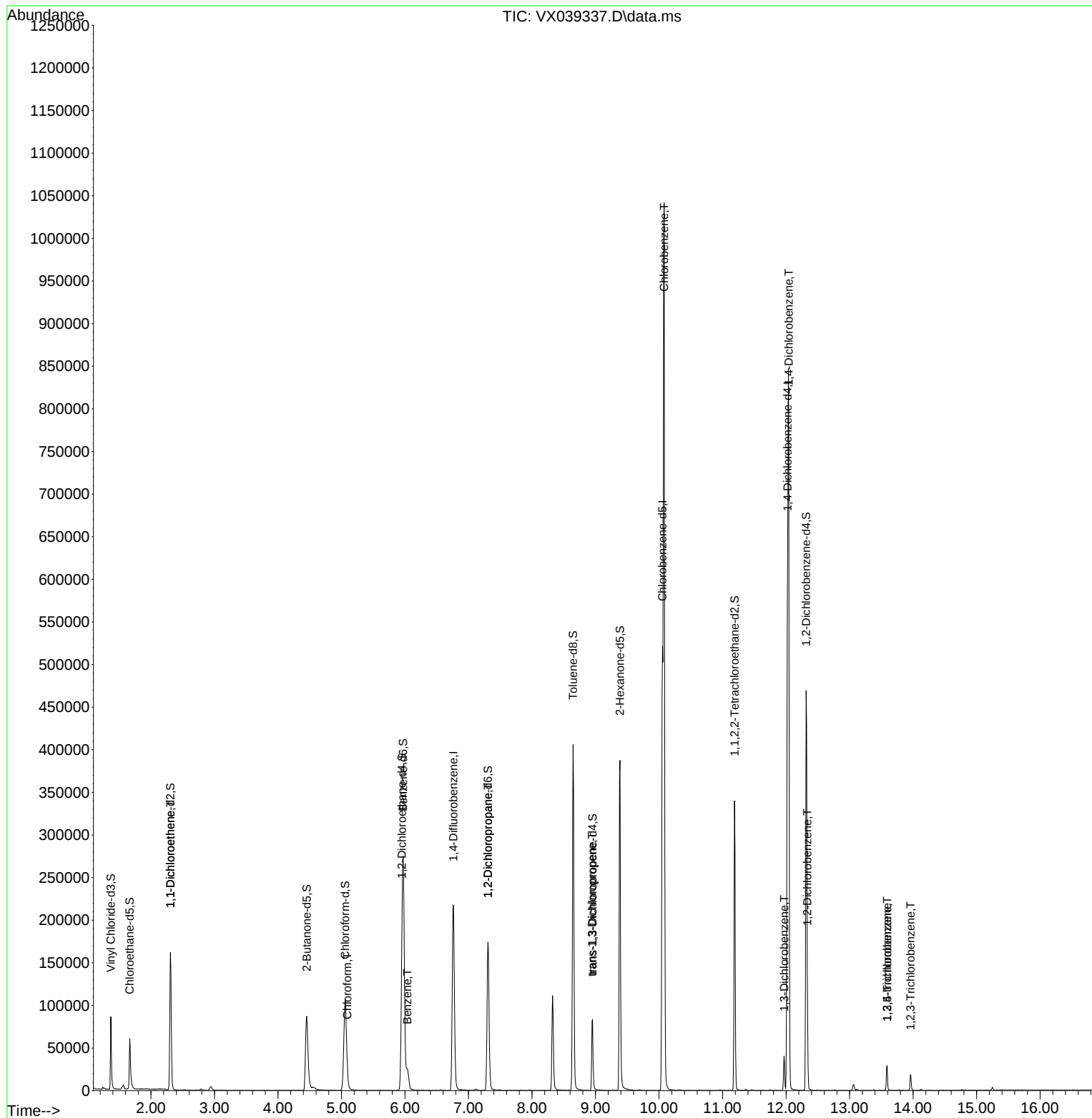
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	211757	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	199644	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97352	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55318	33.306	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.620%		
7) Chloroethane-d5	1.666	69	45297	36.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.800%		
11) 1,1-Dichloroethene-d2	2.307	65	29739	40.790	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.580%		
21) 2-Butanone-d5	4.452	46	154573	102.812	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.810%		
24) Chloroform-d	5.056	84	129061	43.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
26) 1,2-Dichloroethane-d4	5.952	65	94466	49.610	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.220%		
32) Benzene-d6	5.970	84	263177	42.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.420%		
36) 1,2-Dichloropropane-d6	7.306	67	87693	44.225	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.460%		
41) Toluene-d8	8.647	98	234070	41.921	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.840%		
43) trans-1,3-Dichloroprop...	8.952	79	37624	37.286	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.580%		
47) 2-Hexanone-d5	9.385	63	108108	91.284	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.280%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	128490	45.679	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.360%		
66) 1,2-Dichlorobenzene-d4	12.317	152	82703	44.944	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.880%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.307	96	818	0.600	ug/L #	1
25) Chloroform	5.093	83	6208	2.190	ug/L	90
33) Benzene	6.038	78	27618	4.353	ug/L	100
37) 1,2-Dichloropropane	7.306	63	10085	5.731	ug/L #	89
44) trans-1,3-Dichloropropene	8.946	75	1991	0.765	ug/L #	82
51) Chlorobenzene	10.079	112	419320	100.900	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	11818	3.881	ug/L	94
65) 1,4-Dichlorobenzene	12.043	146	229459	74.370	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	21875	7.511	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	6375	3.166	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	6375	3.358	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	4073	2.216	ug/L	98

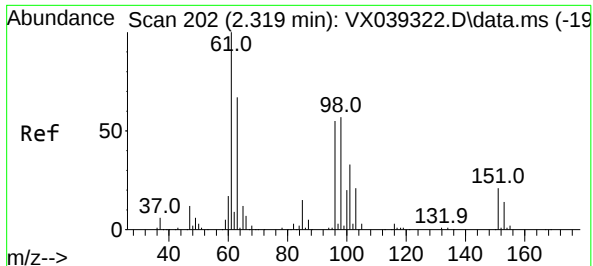
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 04:22:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 18 22:55:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039337.D

Acq: 19 Dec 2023 01:25

Instrument :

MSVOA_X

ClientSampleId :

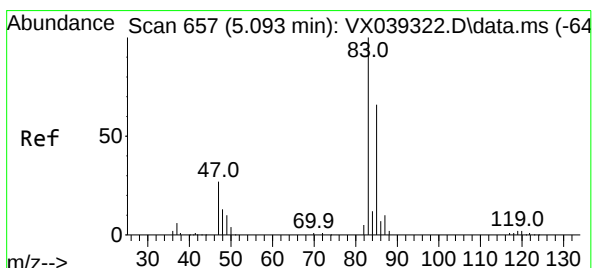
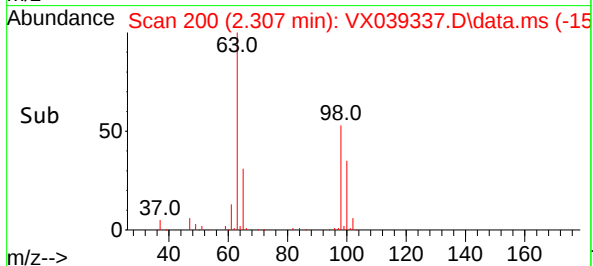
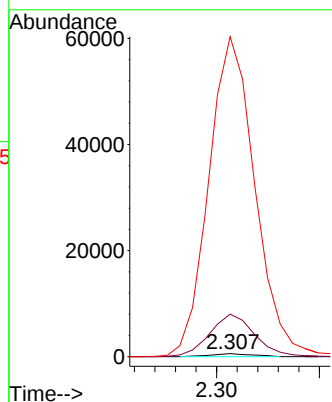
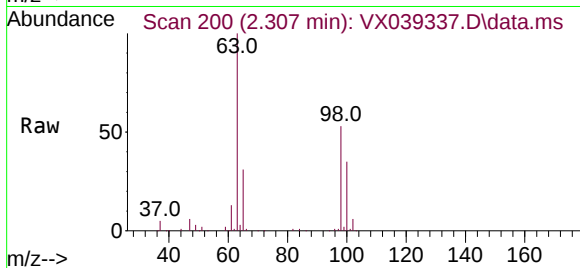
Tgt Ion: 96 Resp: 818

Ion Ratio Lower Upper

96 100

61 1388.8 128.0 237.6#

63 10437.4 101.5 188.5#



#25

Chloroform

Concen: 2.190 ug/L

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039337.D

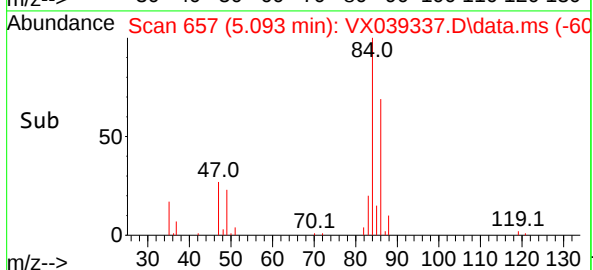
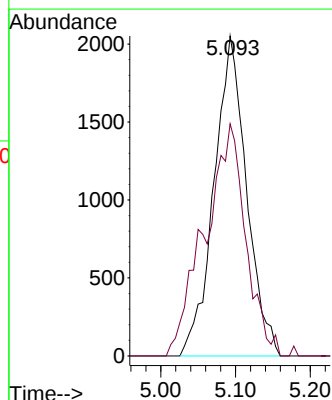
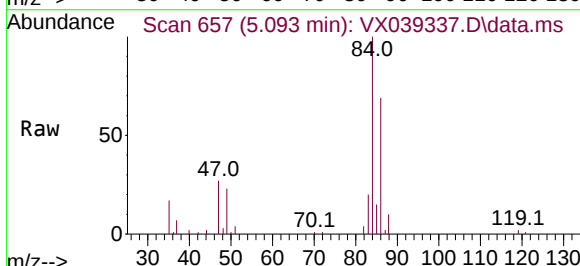
Acq: 19 Dec 2023 01:25

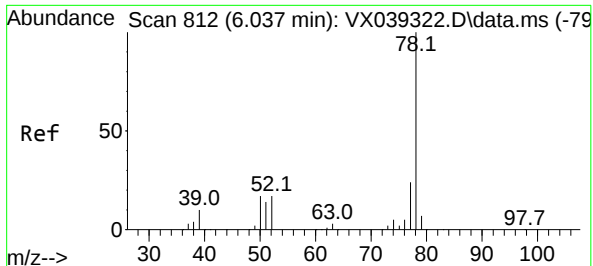
Tgt Ion: 83 Resp: 6208

Ion Ratio Lower Upper

83 100

85 72.6 45.1 83.7

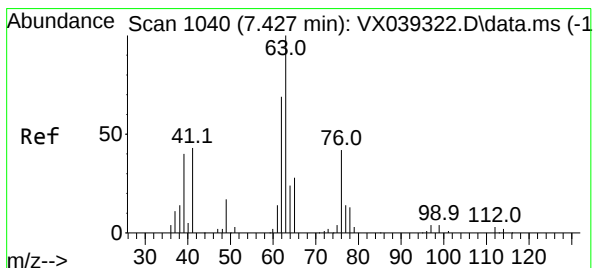
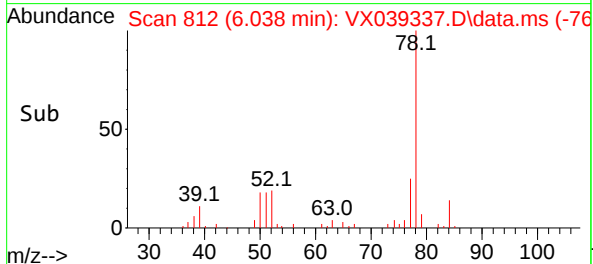
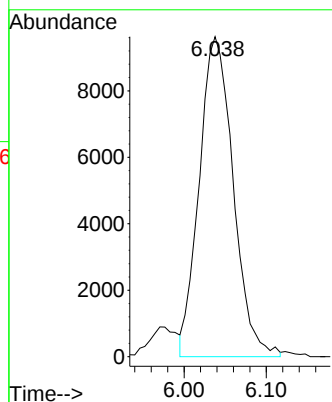
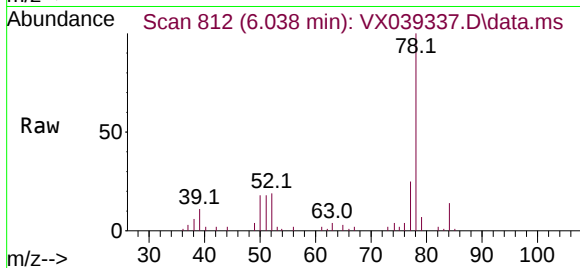




#33
Benzene
Concen: 4.353 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

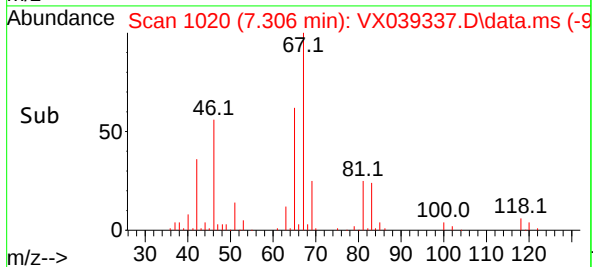
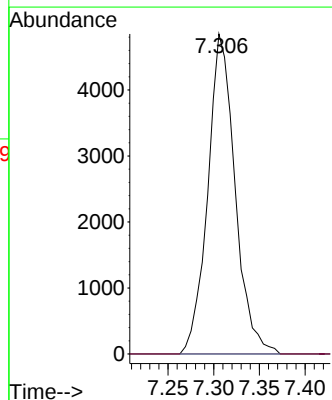
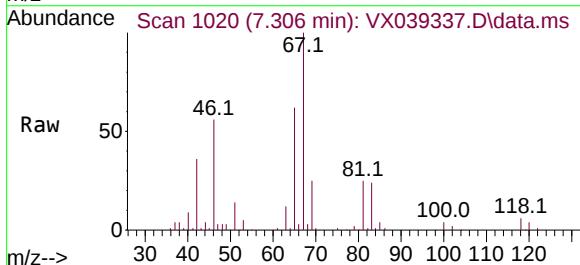
Instrument :
MSVOA_X
ClientSampleId :

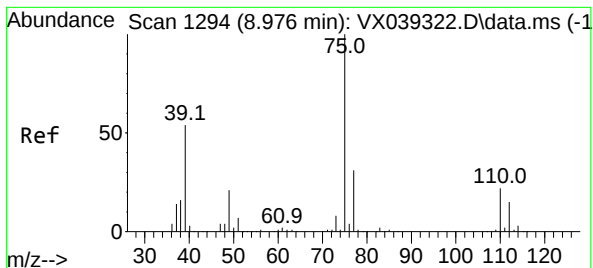
Tgt Ion: 78 Resp: 27618



#37
1,2-Dichloropropane
Concen: 5.731 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

Tgt Ion: 63 Resp: 10085
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.765 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.030 min

Lab File: VX039337.D

Acq: 19 Dec 2023 01:25

Instrument :

MSVOA_X

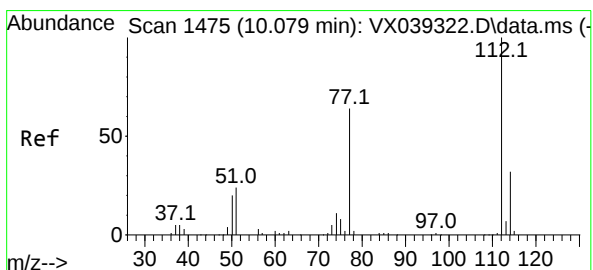
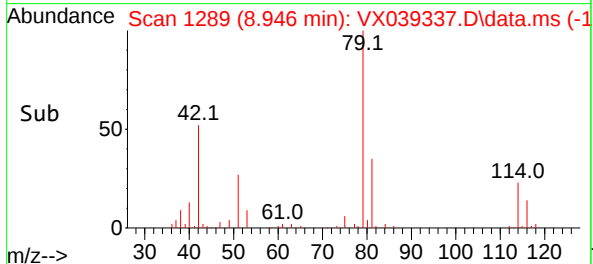
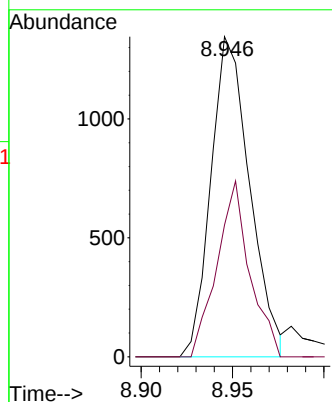
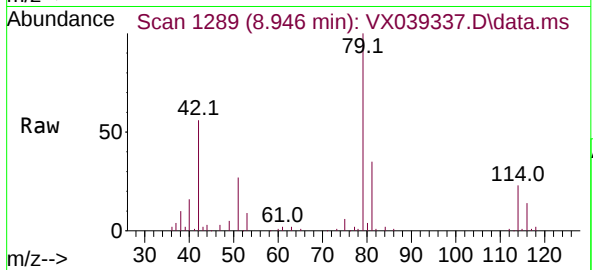
ClientSampleId :

Tgt Ion: 75 Resp: 1991

Ion Ratio Lower Upper

75 100

77 41.2 22.0 40.8#



#51

Chlorobenzene

Concen: 100.900 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039337.D

Acq: 19 Dec 2023 01:25

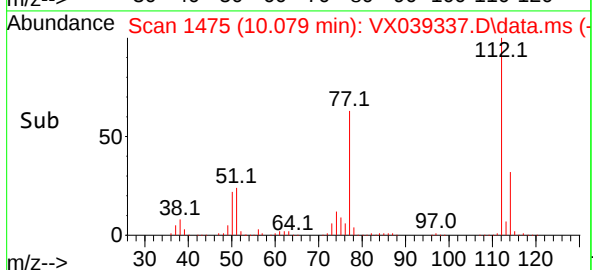
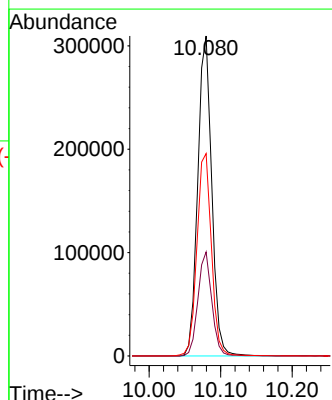
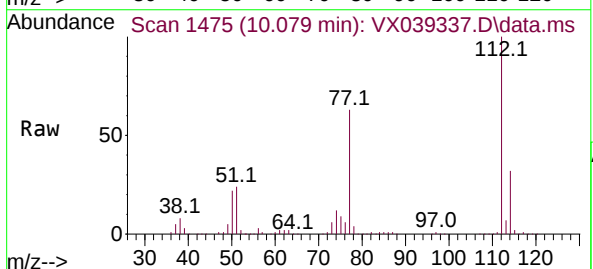
Tgt Ion: 112 Resp: 419320

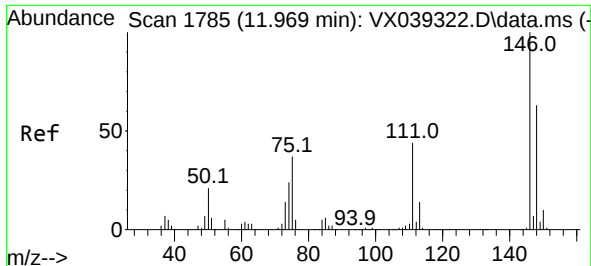
Ion Ratio Lower Upper

112 100

114 32.5 21.8 40.4

77 63.3 49.0 73.6

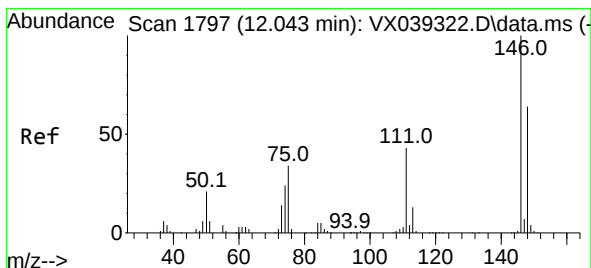
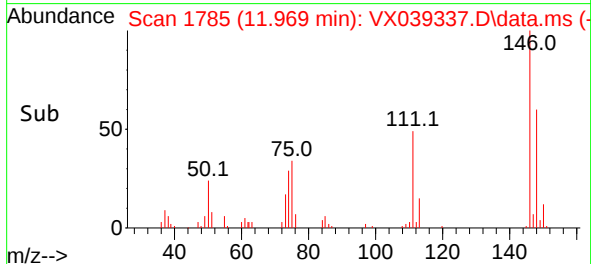
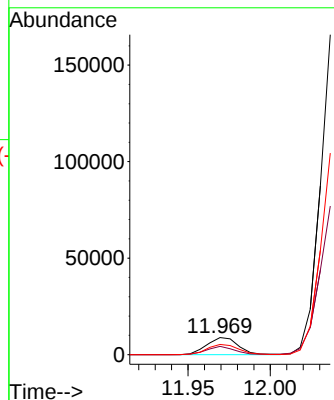
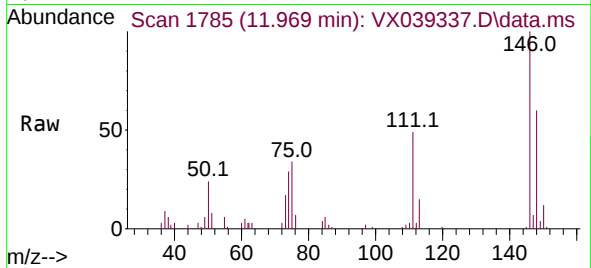




#64
1,3-Dichlorobenzene
Concen: 3.881 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

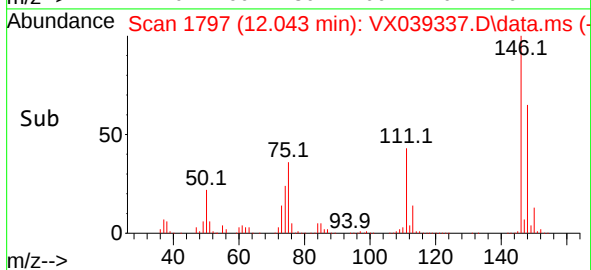
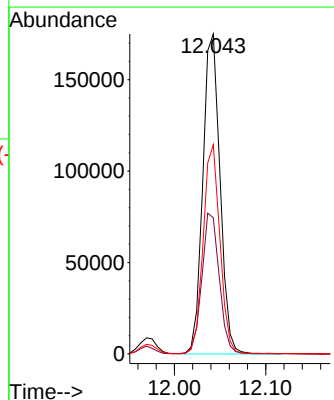
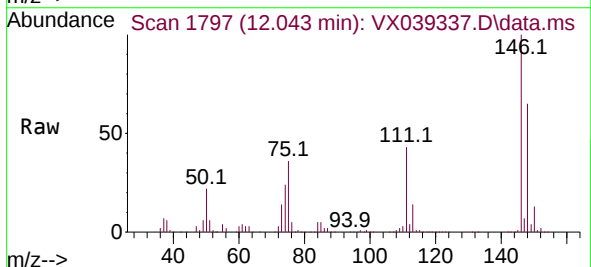
Instrument :
MSVOA_X
ClientSampleId :

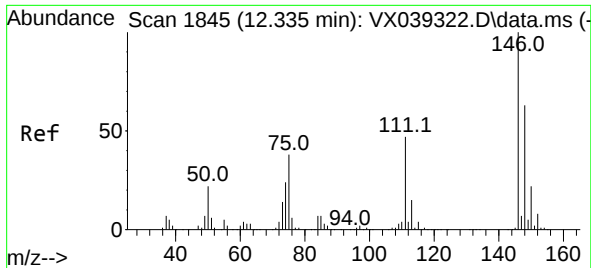
Tgt Ion:146 Resp: 11818
Ion Ratio Lower Upper
146 100
111 48.9 30.0 55.6
148 59.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 74.370 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

Tgt Ion:146 Resp: 229459
Ion Ratio Lower Upper
146 100
111 42.6 29.7 55.1
148 65.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 7.511 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039337.D

Acq: 19 Dec 2023 01:25

Instrument :

MSVOA_X

ClientSampleId :

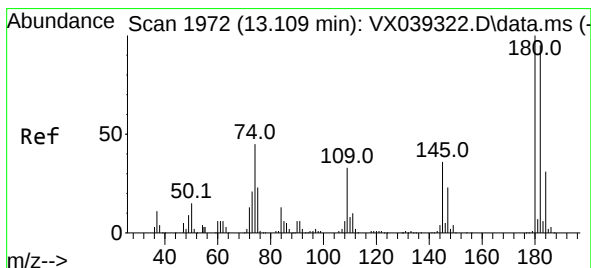
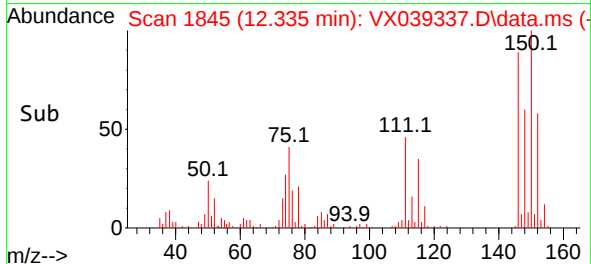
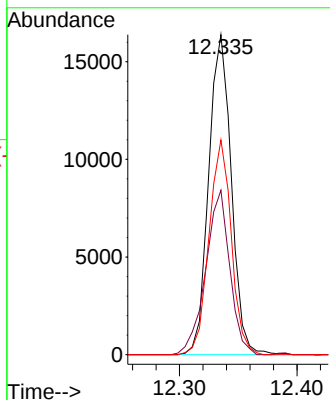
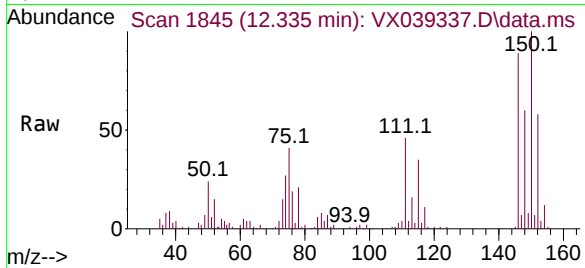
Tgt Ion:146 Resp: 21875

Ion Ratio Lower Upper

146 100

111 51.4 36.4 54.6

148 67.1 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 3.166 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX039337.D

Acq: 19 Dec 2023 01:25

Tgt Ion:180 Resp: 6375

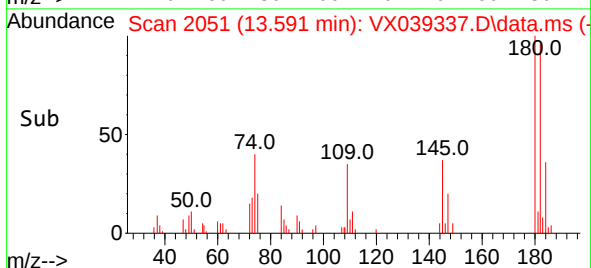
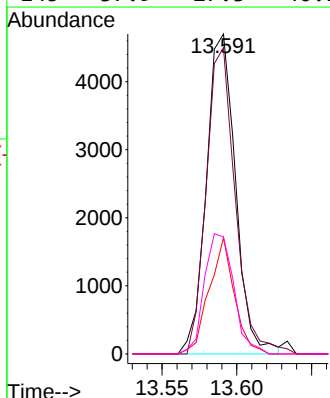
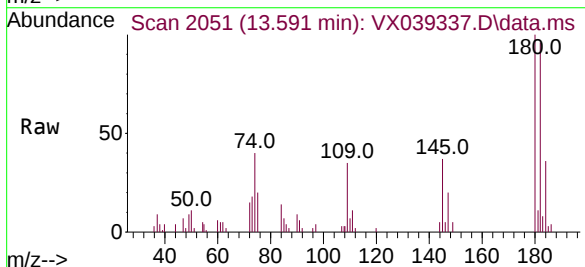
Ion Ratio Lower Upper

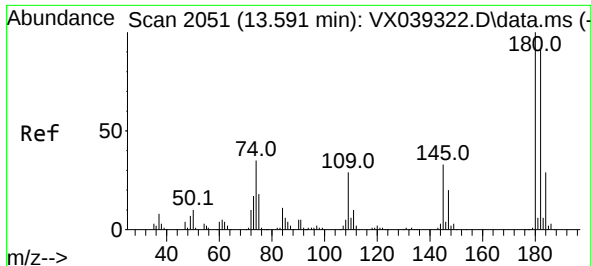
180 100

182 94.9 76.1 114.1

184 31.5 24.1 36.1

145 37.9 27.3 40.9

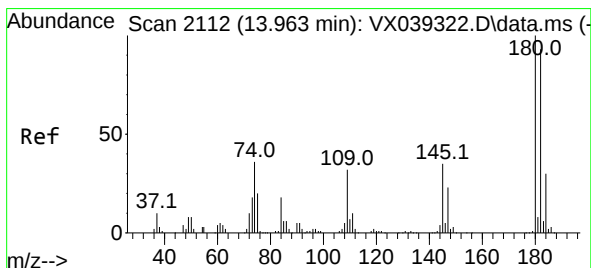
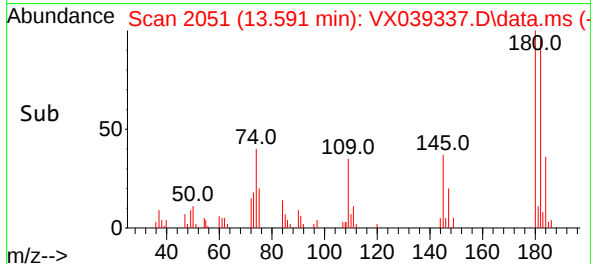
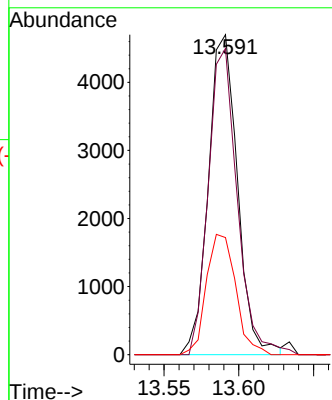
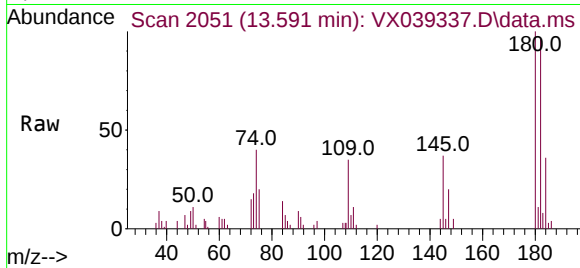




#70
1,2,4-trichlorobenzene
Concen: 3.358 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 6375
Ion Ratio Lower Upper
180 100
182 94.9 76.8 115.2
145 37.9 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 2.216 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX039337.D
Acq: 19 Dec 2023 01:25

Tgt Ion:180 Resp: 4073
Ion Ratio Lower Upper
180 100
182 97.1 75.9 113.9
145 35.3 28.6 42.8

