

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039114.D
 Acq On : 08 Dec 2023 18:50
 Operator : JC/MD
 Sample : 05646-13ME 40X
 Misc : 0.90g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COASOME

Quant Time: Dec 09 03:42:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

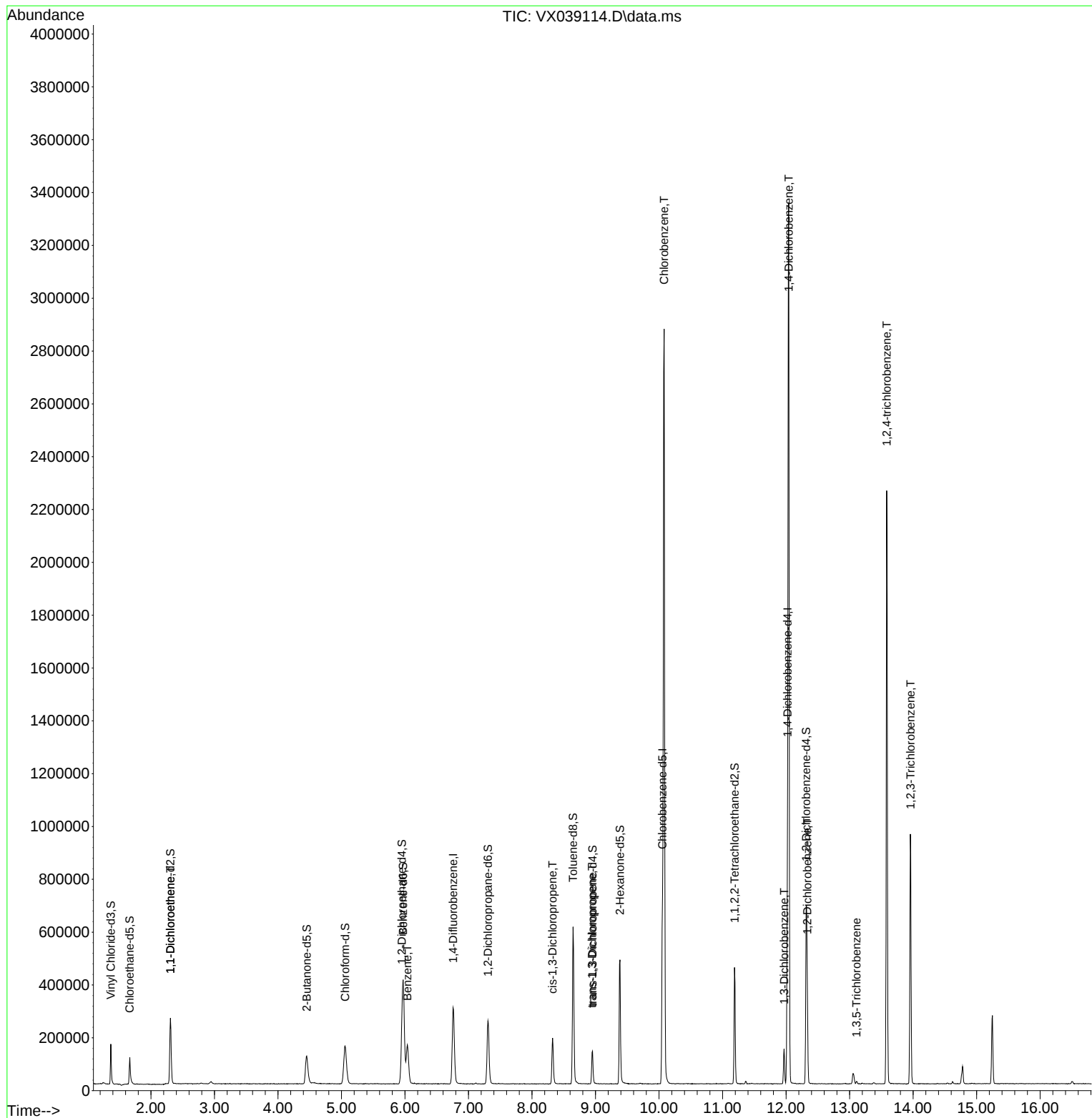
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	294191	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	266886	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	126101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	96628	41.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.760%		
7) Chloroethane-d5	1.666	69	73415	43.044	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.080%		
11) 1,1-Dichloroethene-d2	2.307	65	44962	44.390	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.780%		
21) 2-Butanone-d5	4.452	46	189710	90.826	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.830%		
24) Chloroform-d	5.056	84	178784	43.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.540%		
26) 1,2-Dichloroethane-d4	5.952	65	121779	46.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.060%		
32) Benzene-d6	5.971	84	394610	47.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.820%		
36) 1,2-Dichloropropane-d6	7.306	67	128290	48.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.800%		
41) Toluene-d8	8.647	98	350592	46.969	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
43) trans-1,3-Dichloroprop...	8.952	79	61008	45.228	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.460%		
47) 2-Hexanone-d5	9.385	63	140081	88.480	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.480%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	175030	46.547	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	120665	50.624	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.240%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1176	0.621	ug/L #	1
33) Benzene	6.038	78	181018	21.343	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	3904	1.041	ug/L #	52
44) trans-1,3-Dichloropropene	8.946	75	2885	0.829	ug/L	89
51) Chlorobenzene	10.080	112	1200935	216.171	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	39648	10.053	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	993857	248.682	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	89577	23.744	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	2269	0.870	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	450936	183.396	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	203029	85.278	ug/L	100

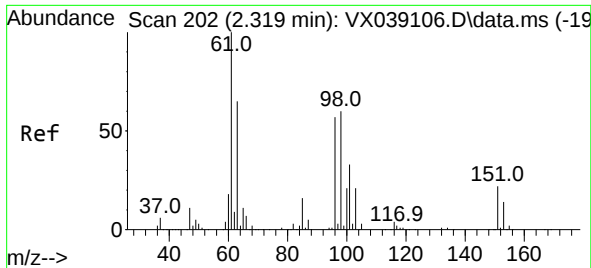
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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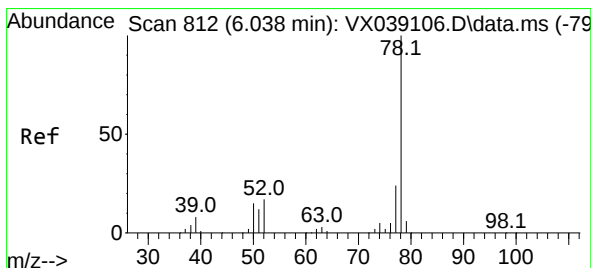
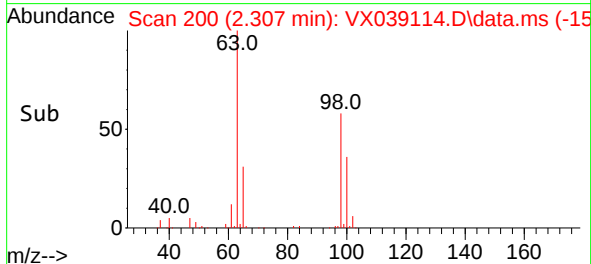
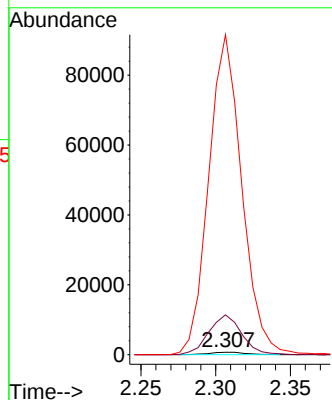
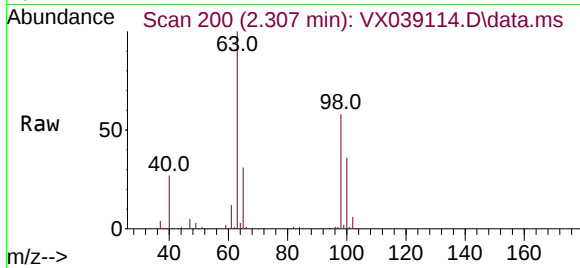




#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

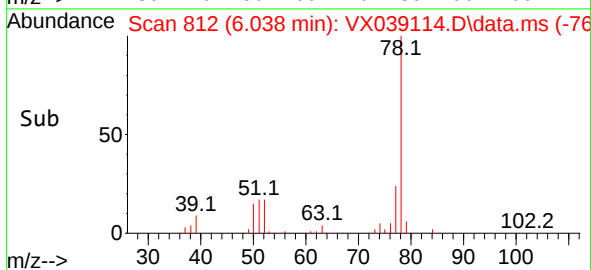
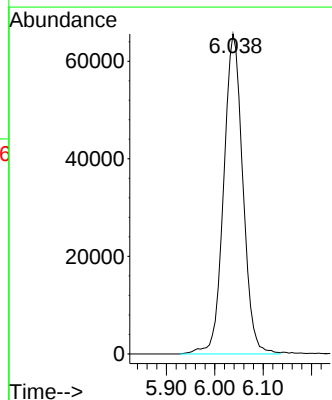
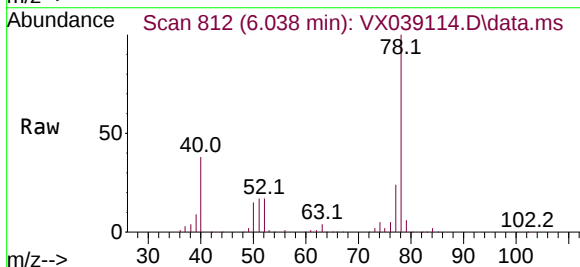
Instrument :
MSVOA_X
ClientSampleId :
COAS00ME

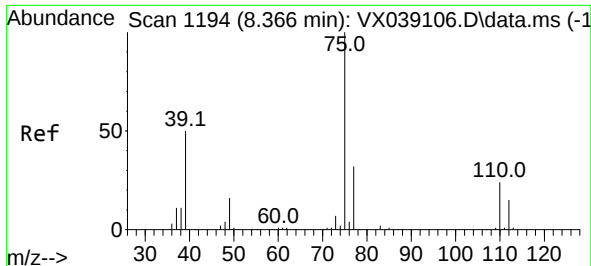
Tgt Ion: 96 Resp: 1176
Ion Ratio Lower Upper
96 100
61 1610.3 128.0 237.6#
63 12936.7 101.5 188.5#



#33
Benzene
Concen: 21.343 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

Tgt Ion: 78 Resp: 181018





#39

cis-1,3-Dichloropropene

Concen: 1.041 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Instrument :

MSVOA_X

ClientSampleId :

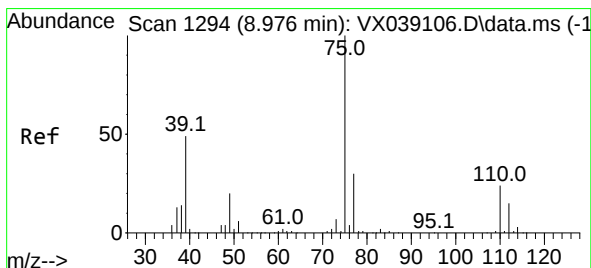
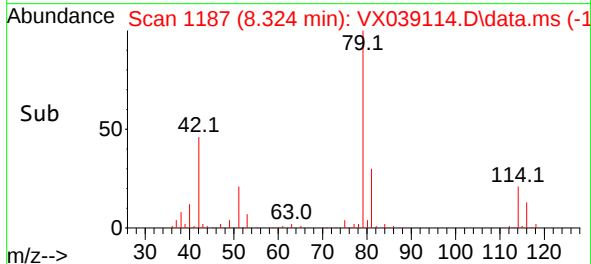
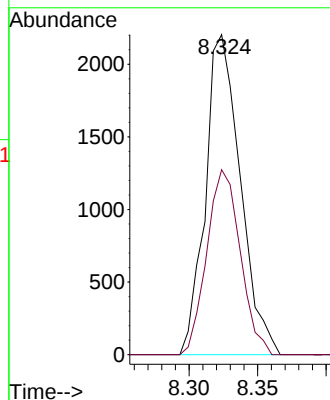
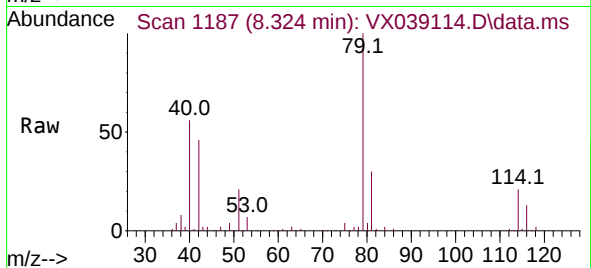
COASOME

Tgt Ion: 75 Resp: 3904

Ion Ratio Lower Upper

75 100

77 57.8 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 8.946 min Scan# 1289

Delta R.T. -0.030 min

Lab File: VX039114.D

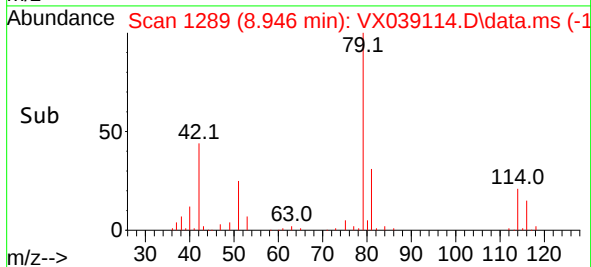
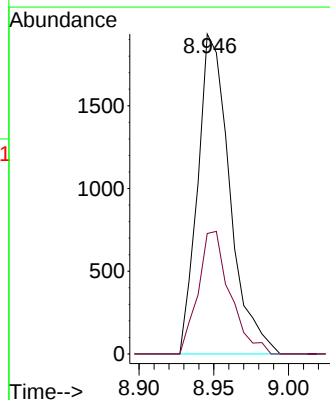
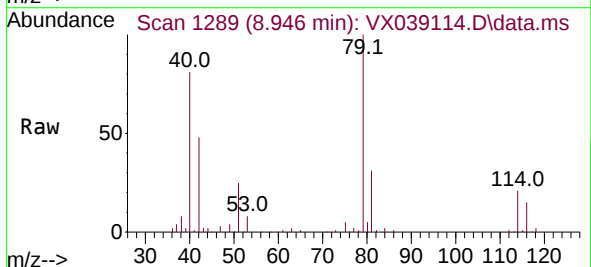
Acq: 08 Dec 2023 18:50

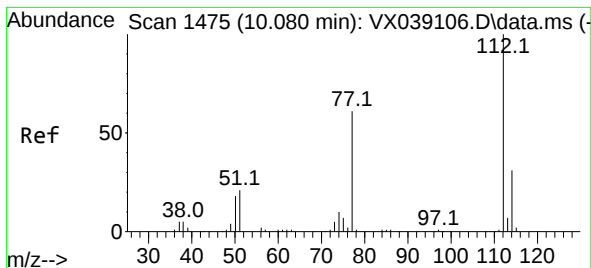
Tgt Ion: 75 Resp: 2885

Ion Ratio Lower Upper

75 100

77 37.6 22.0 40.8





#51

Chlorobenzene

Concen: 216.171 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

Instrument :

MSVOA_X

ClientSampleId :

COASOME

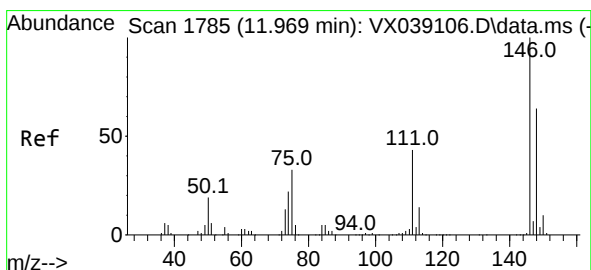
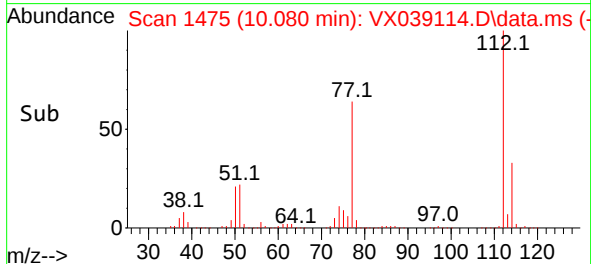
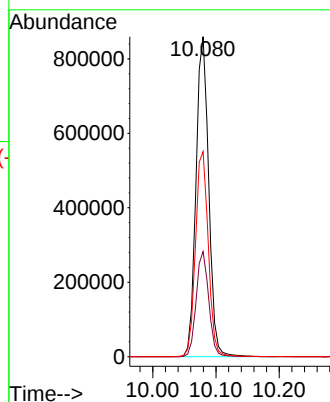
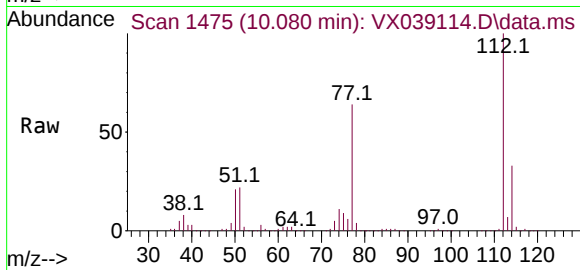
Tgt Ion:112 Resp: 1200935

Ion Ratio Lower Upper

112 100

114 32.8 21.8 40.4

77 64.1 49.0 73.6



#64

1,3-Dichlorobenzene

Concen: 10.053 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039114.D

Acq: 08 Dec 2023 18:50

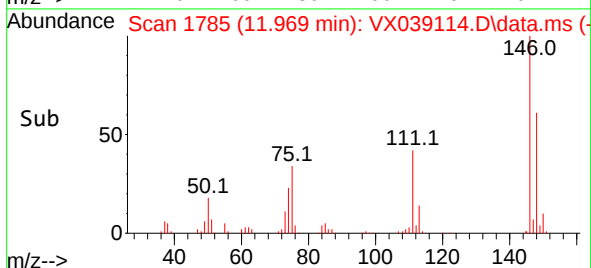
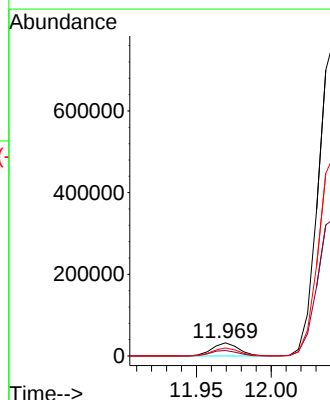
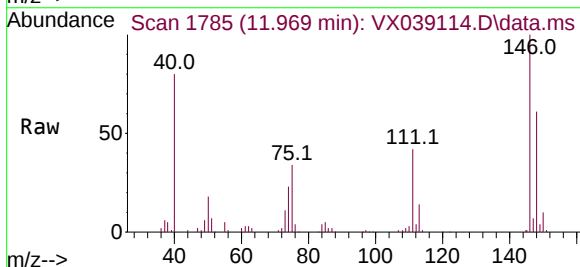
Tgt Ion:146 Resp: 39648

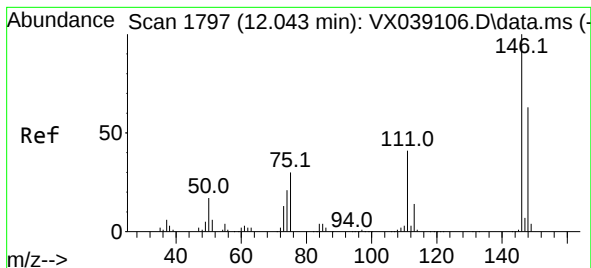
Ion Ratio Lower Upper

146 100

111 41.6 30.0 55.6

148 60.8 44.2 82.0

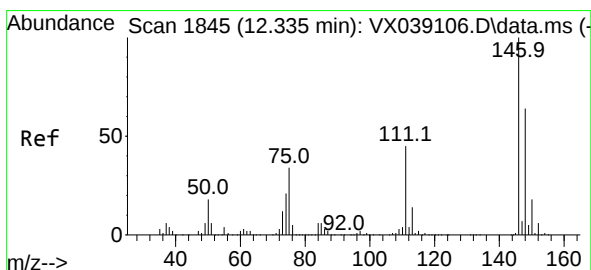
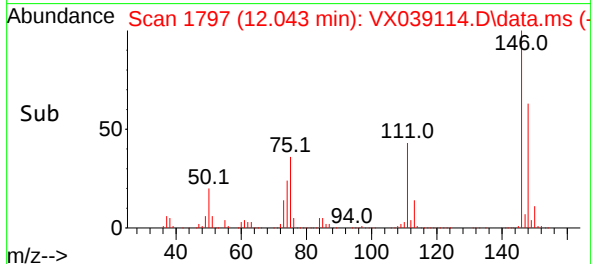
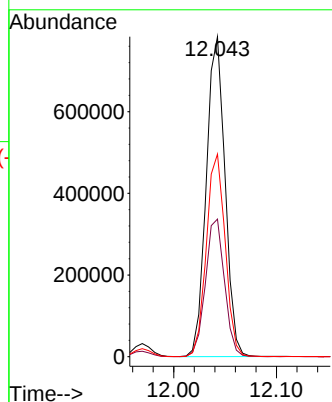
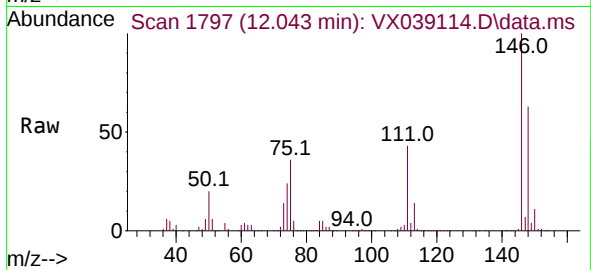




#65
1,4-Dichlorobenzene
Concen: 248.682 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

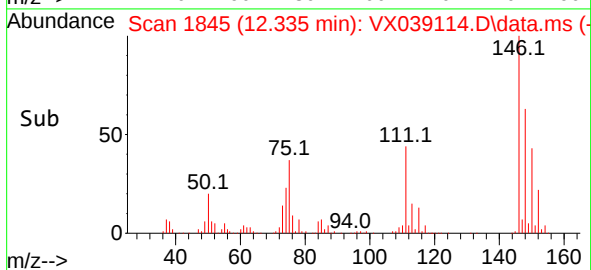
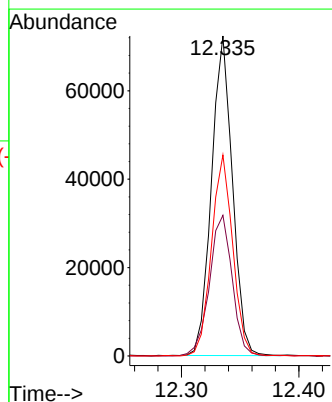
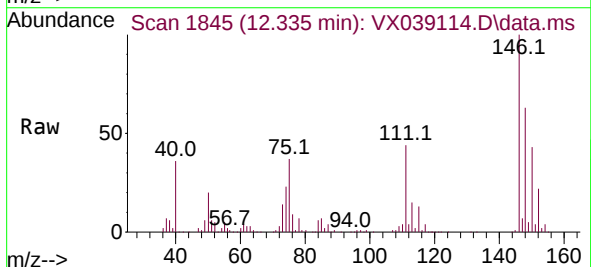
Instrument :
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ClientSampleId :
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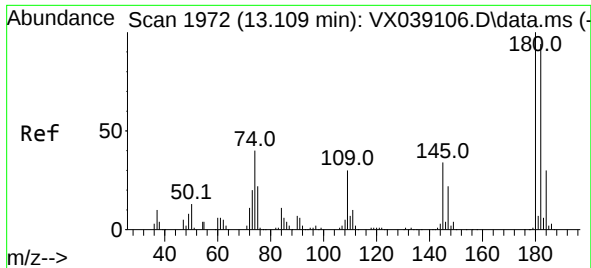
Tgt Ion:146 Resp: 993857
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 63.3 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 23.744 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039114.D
Acq: 08 Dec 2023 18:50

Tgt Ion:146 Resp: 89577
Ion Ratio Lower Upper
146 100
111 43.9 36.4 54.6
148 62.8 50.0 75.0

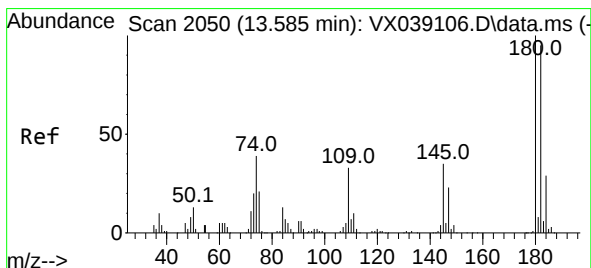
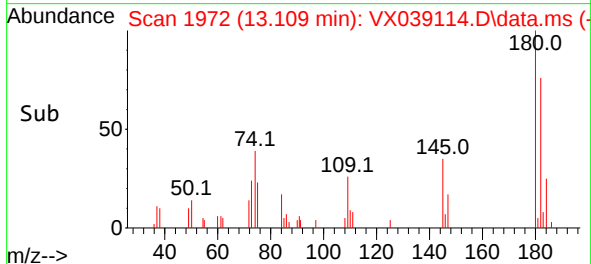
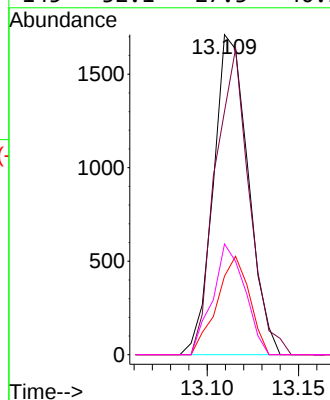
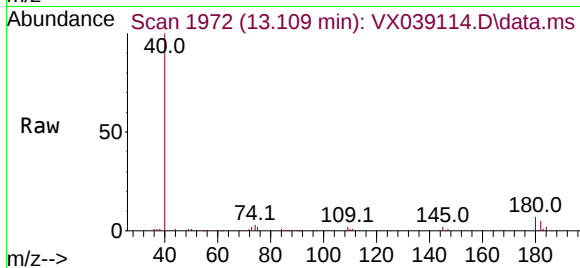




#69
 1,3,5-Trichlorobenzene
 Concen: 0.870 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX039114.D
 Acq: 08 Dec 2023 18:50

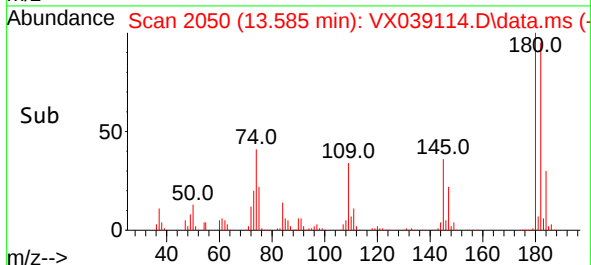
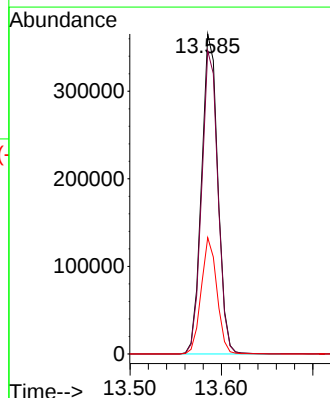
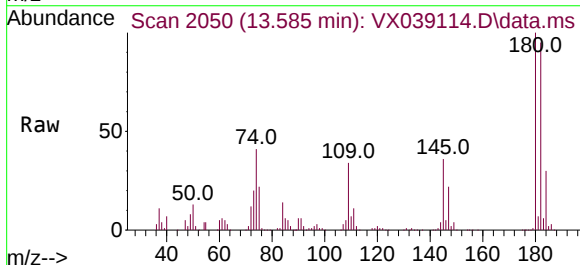
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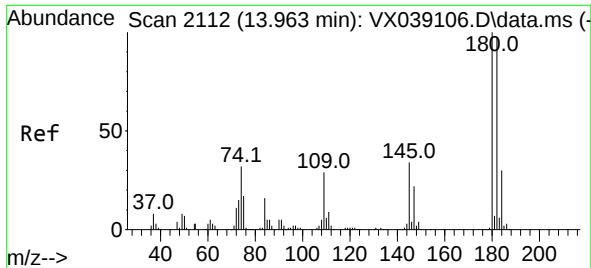
Tgt Ion:180	Resp:	2269
Ion	Ratio	Lower Upper
180	100	
182	92.6	76.1 114.1
184	28.7	24.1 36.1
145	32.1	27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 183.396 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039114.D
 Acq: 08 Dec 2023 18:50

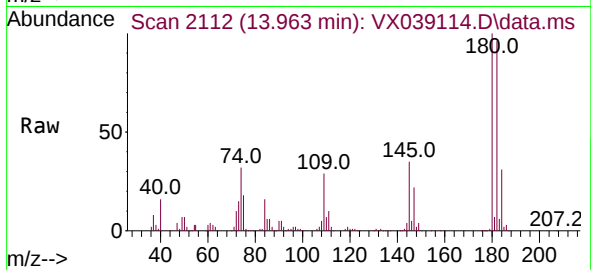
Tgt Ion:180	Resp:	450936
Ion	Ratio	Lower Upper
180	100	
182	94.7	76.8 115.2
145	35.1	27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 85.278 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX039114.D
 Acq: 08 Dec 2023 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:180 Resp: 203029

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.9	113.9
145	35.8	28.6	42.8

