

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039124.D
 Acq On : 08 Dec 2023 22:39
 Operator : JC/MD
 Sample : 05646-20 40X
 Misc : 3.11g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COAT9

Quant Time: Dec 09 03:45:22 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)

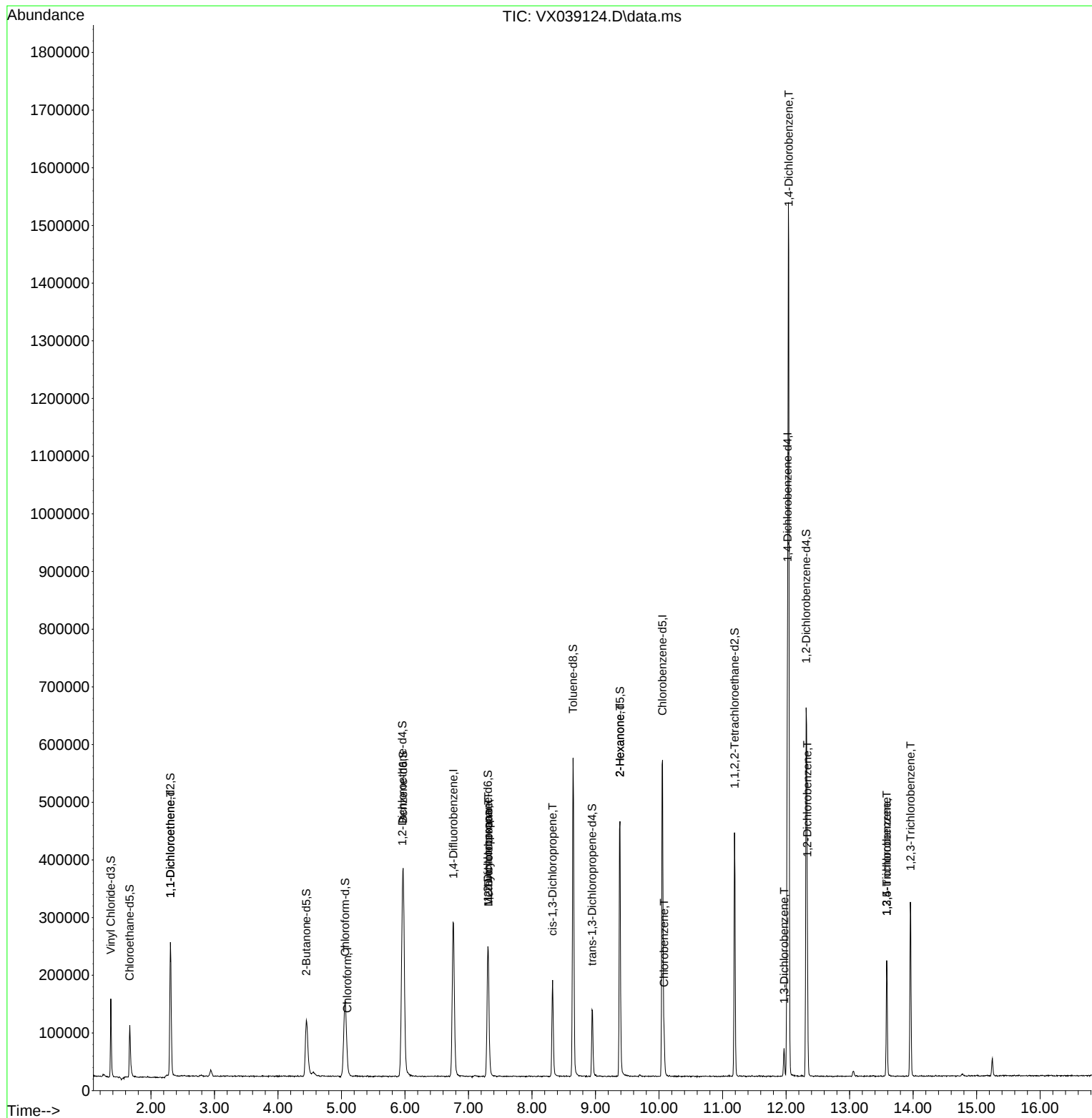
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	270237	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117356	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	87240	41.159	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.320%		
7) Chloroethane-d5	1.666	69	68522	43.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.480%		
11) 1,1-Dichloroethene-d2	2.306	65	41958	45.096	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.200%		
21) 2-Butanone-d5	4.446	46	177784	92.661	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.660%		
24) Chloroform-d	5.056	84	167937	44.757	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
26) 1,2-Dichloroethane-d4	5.958	65	114776	47.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.460%		
32) Benzene-d6	5.970	84	369406	48.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.100%		
36) 1,2-Dichloropropane-d6	7.305	67	119311	48.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.460%		
41) Toluene-d8	8.647	98	325461	46.718	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.440%		
43) trans-1,3-Dichloroprop...	8.945	79	57284	45.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.000%		
47) 2-Hexanone-d5	9.384	63	133353	90.249	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.250%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	164746	46.943	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.880%		
66) 1,2-Dichlorobenzene-d4	12.317	152	112658	50.787	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.580%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1026	0.589	ug/L #	1
25) Chloroform	5.092	83	4835	1.337	ug/L	98
35) Methylcyclohexane	7.312	83	26887	7.717	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	12873	5.864	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3838	1.096	ug/L #	62
48) 2-Hexanone	9.384	43	16126	5.237	ug/L #	66
51) Chlorobenzene	10.079	112	27220	5.250	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	14652	3.992	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	432476	116.278	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	69820	19.886	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	42376	17.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	42376	18.519	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	64217	28.983	ug/L	99

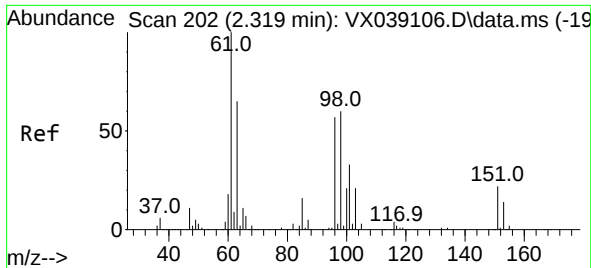
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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C0AT9

Quant Time: Dec 09 03:45:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX039124.D

Acq: 08 Dec 2023 22:39

Instrument :

MSVOA_X

ClientSampleId :

C0AT9

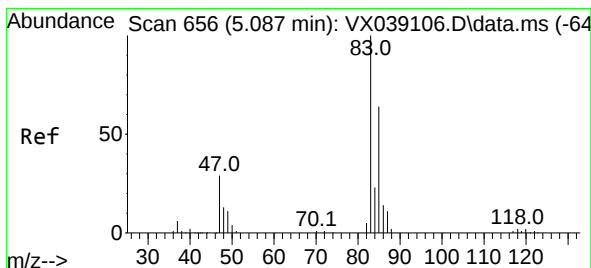
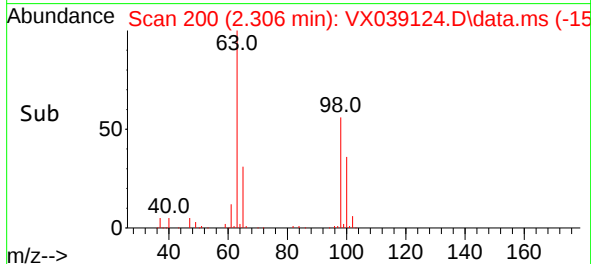
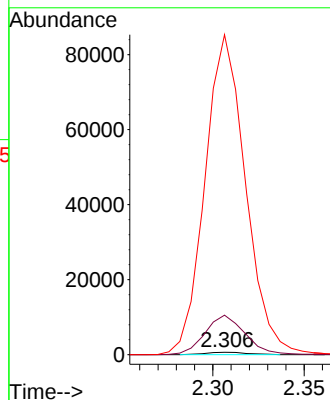
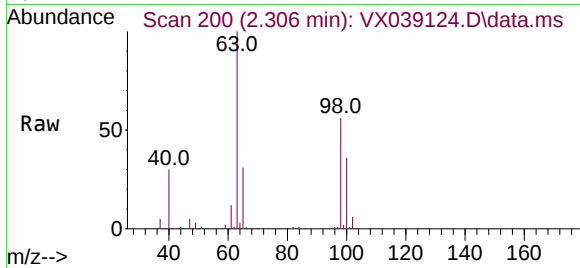
Tgt Ion: 96 Resp: 1026

Ion Ratio Lower Upper

96 100

61 1660.6 128.0 237.6#

63 13456.2 101.5 188.5#



#25

Chloroform

Concen: 1.337 ug/L

RT: 5.092 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX039124.D

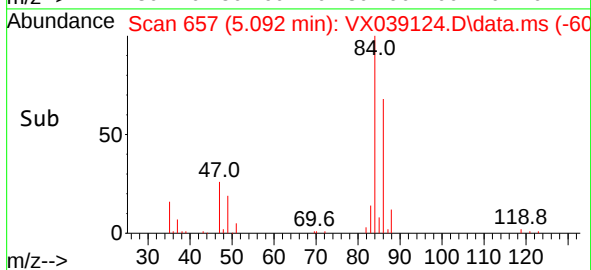
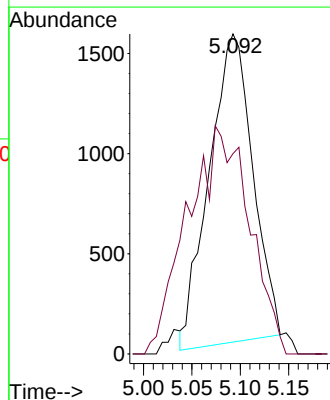
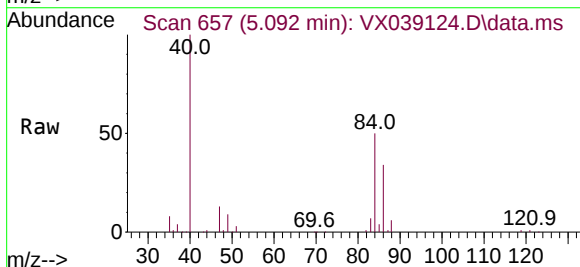
Acq: 08 Dec 2023 22:39

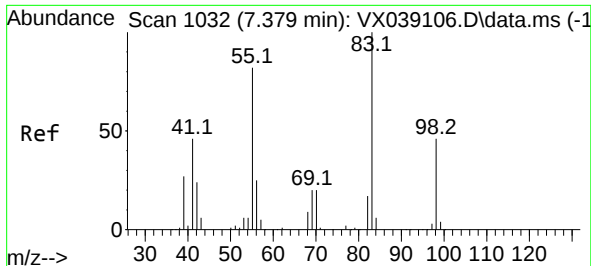
Tgt Ion: 83 Resp: 4835

Ion Ratio Lower Upper

83 100

85 62.6 45.1 83.7

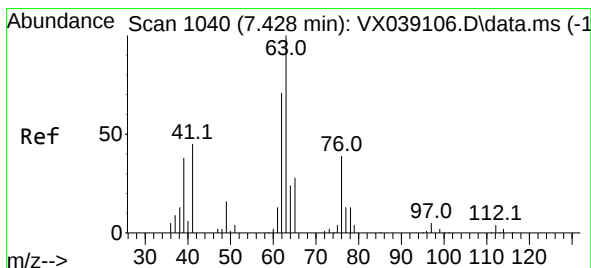
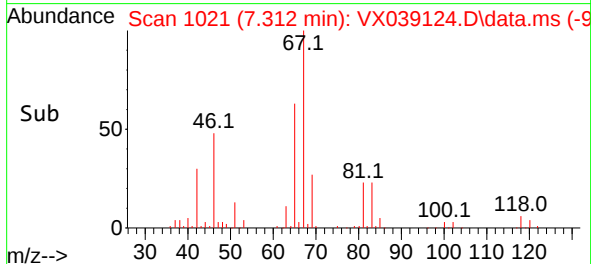
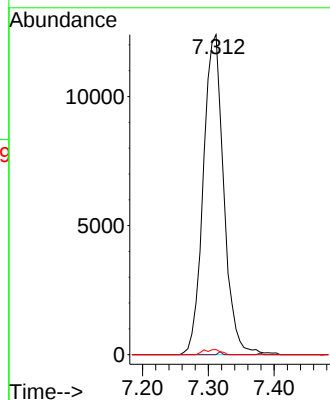
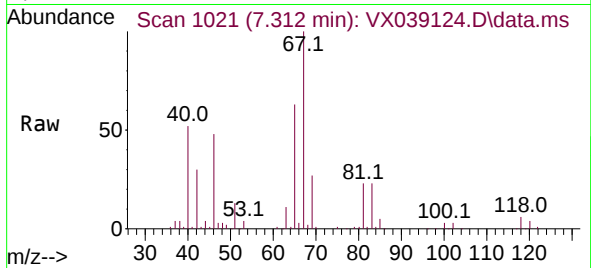




#35
Methylcyclohexane
Concen: 7.717 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

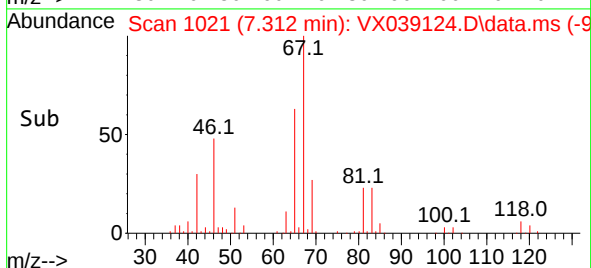
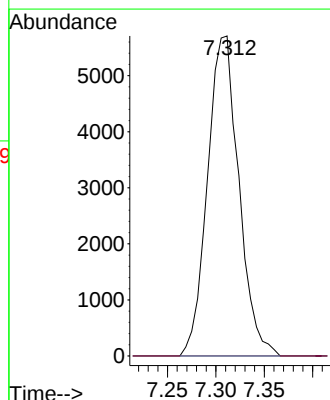
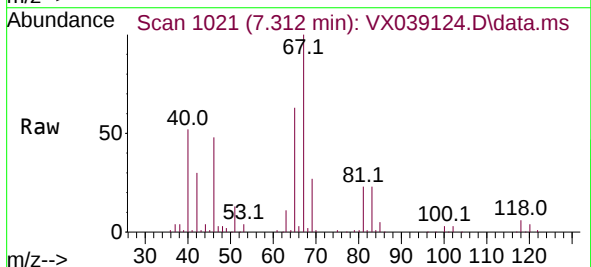
Instrument :
MSVOA_X
ClientSampleId :
C0AT9

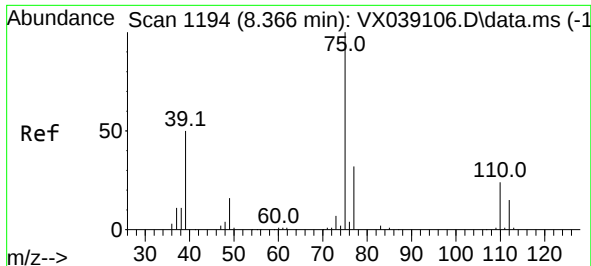
Tgt Ion: 83 Resp: 26887
Ion Ratio Lower Upper
83 100
55 0.0 62.5 93.7#
98 0.8 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 5.864 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion: 63 Resp: 12873
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.096 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039124.D

Acq: 08 Dec 2023 22:39

Instrument :

MSVOA_X

ClientSampleId :

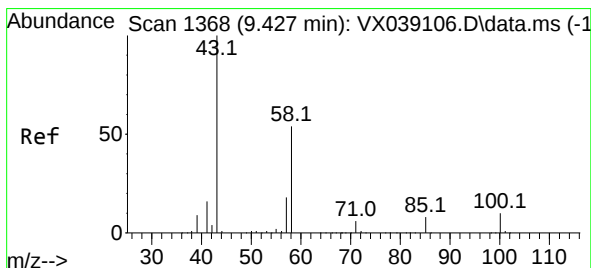
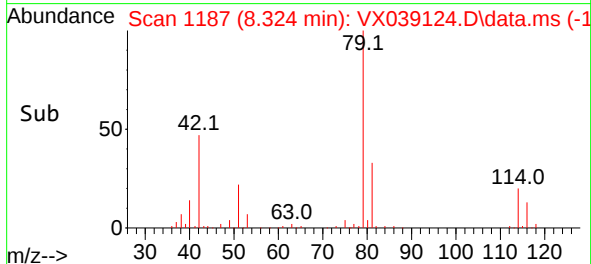
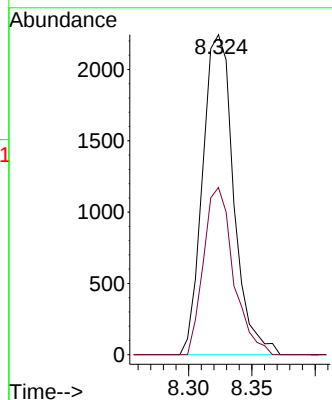
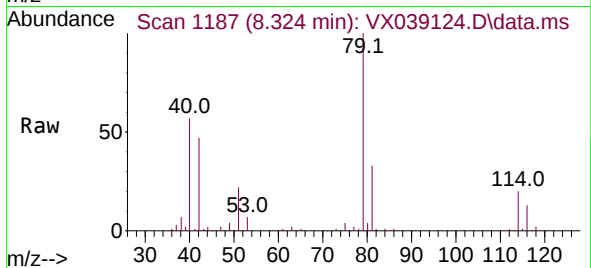
C0AT9

Tgt Ion: 75 Resp: 3838

Ion Ratio Lower Upper

75 100

77 52.3 22.0 40.8#



#48

2-Hexanone

Concen: 5.237 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX039124.D

Acq: 08 Dec 2023 22:39

Tgt Ion: 43 Resp: 16126

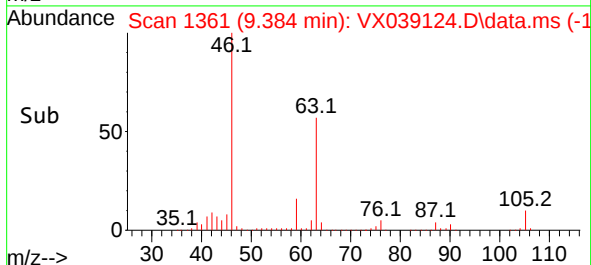
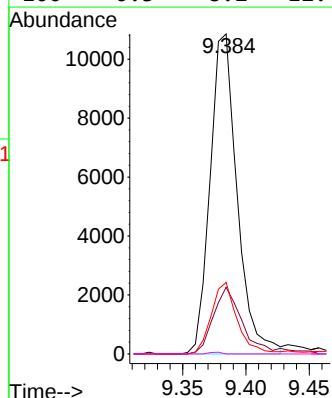
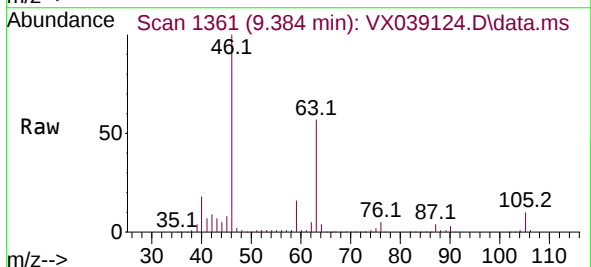
Ion Ratio Lower Upper

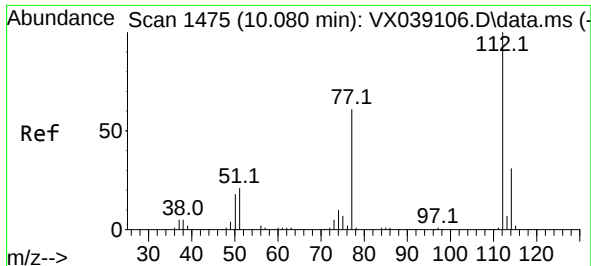
43 100

58 21.7 43.0 64.6#

57 21.5 14.6 21.8

100 0.3 8.2 12.4#

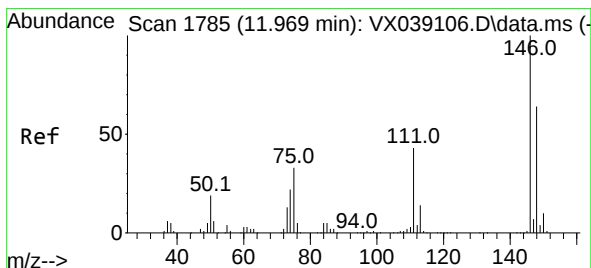
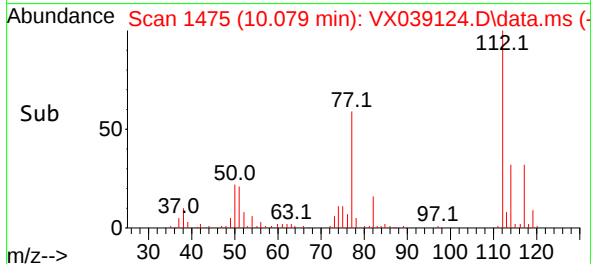
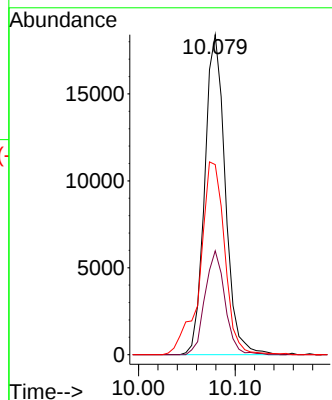
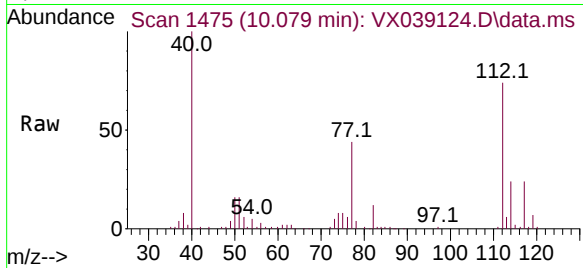




#51
Chlorobenzene
Concen: 5.250 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

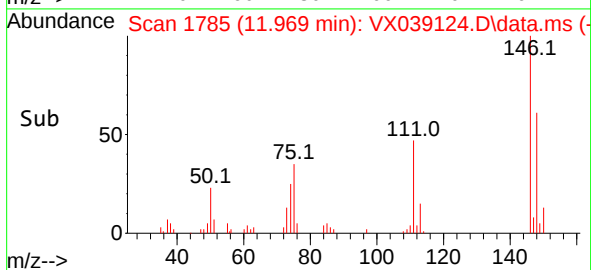
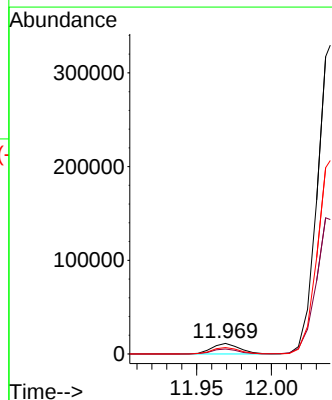
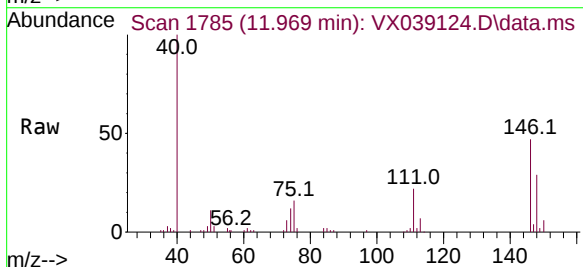
Instrument :
MSVOA_X
ClientSampleId :
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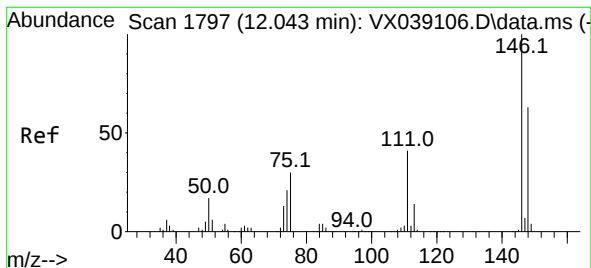
Tgt Ion:112 Resp: 27220
Ion Ratio Lower Upper
112 100
114 32.5 21.8 40.4
77 59.4 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 3.992 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion:146 Resp: 14652
Ion Ratio Lower Upper
146 100
111 46.6 30.0 55.6
148 61.1 44.2 82.0

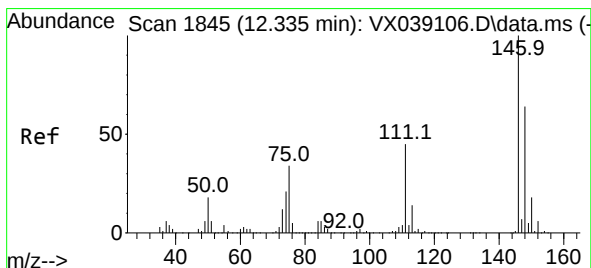
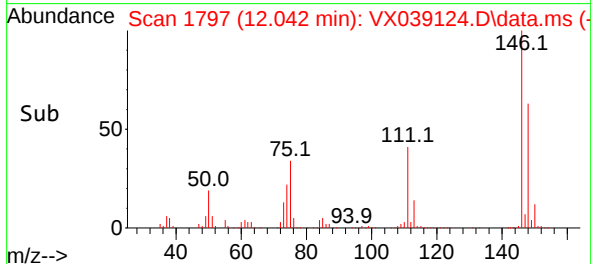
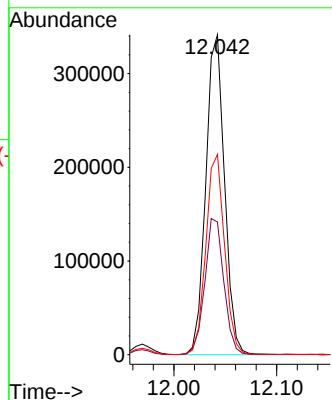
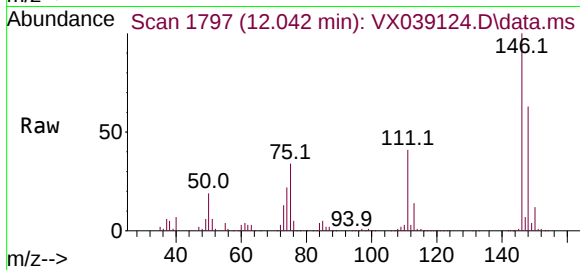




#65
1,4-Dichlorobenzene
Concen: 116.278 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

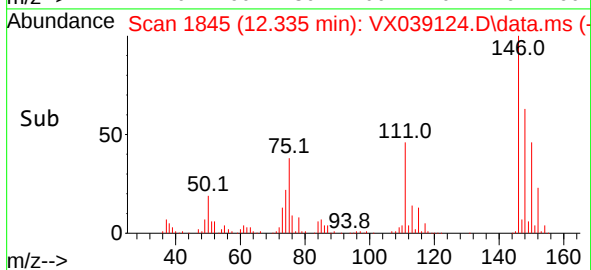
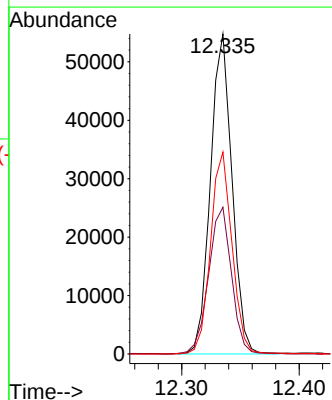
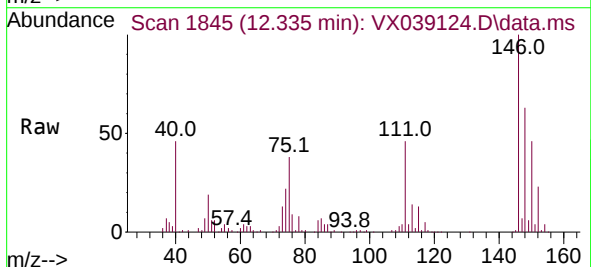
Instrument :
MSVOA_X
ClientSampleId :
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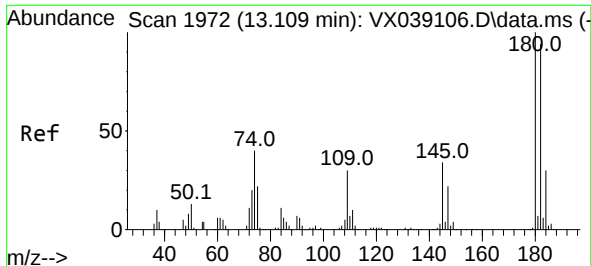
Tgt Ion:146 Resp: 432476
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 62.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 19.886 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion:146 Resp: 69820
Ion Ratio Lower Upper
146 100
111 45.8 36.4 54.6
148 63.1 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 17.458 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX039124.D

Acq: 08 Dec 2023 22:39

Instrument :

MSVOA_X

ClientSampleId :

C0AT9

Tgt Ion:180 Resp: 42376

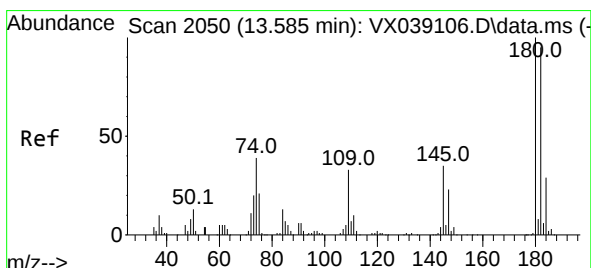
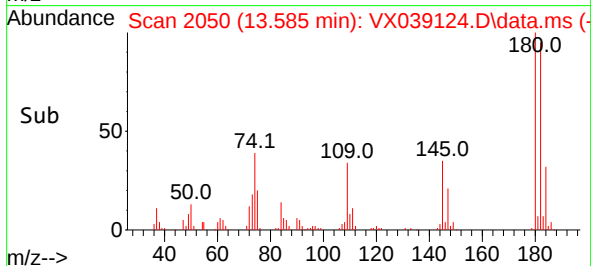
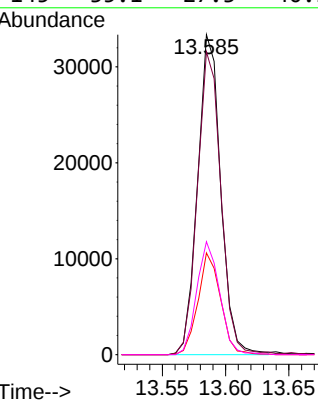
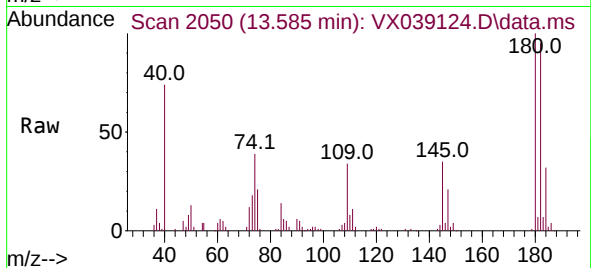
Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

184 31.1 24.1 36.1

145 35.1 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 18.519 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039124.D

Acq: 08 Dec 2023 22:39

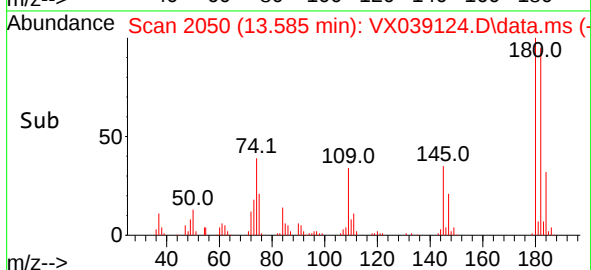
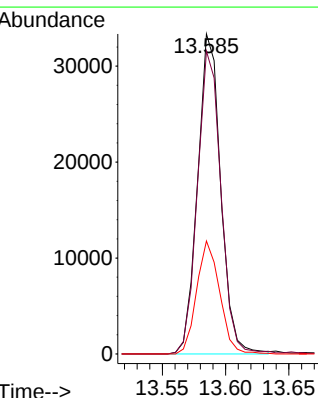
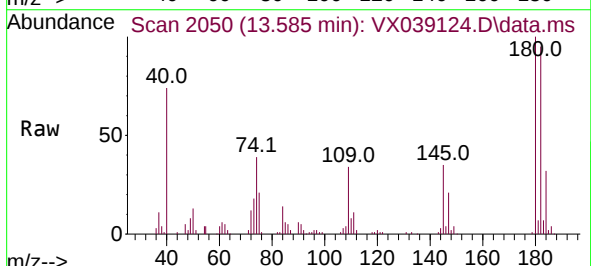
Tgt Ion:180 Resp: 42376

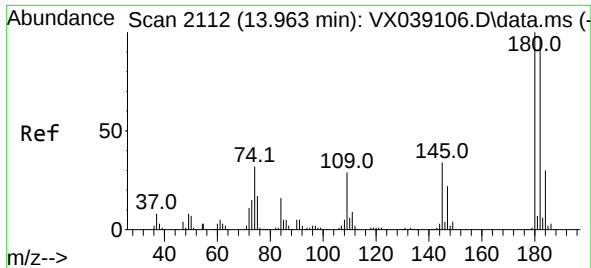
Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

145 35.1 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 28.983 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039124.D
 Acq: 08 Dec 2023 22:39

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT9

Tgt Ion:180 Resp: 64217
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.9 113.9
 145 36.4 28.6 42.8

