

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039111.D
 Acq On : 08 Dec 2023 17:41
 Operator : JC/MD
 Sample : 05646-01ME
 Misc : 3.79g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COAT5ME

Quant Time: Dec 09 03:41:45 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	313348	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135701	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	116392	47.357	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.720%
7) Chloroethane-d5	1.642	69	40565	22.330	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.660%#
11) 1,1-Dichloroethene-d2	2.288	65	52170	48.357	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.720%
21) 2-Butanone-d5	4.471	46	211802	95.203	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.200%
24) Chloroform-d	5.056	84	205114	47.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
26) 1,2-Dichloroethane-d4	5.952	65	139343	49.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.900%
32) Benzene-d6	5.970	84	453382	53.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.840%
36) 1,2-Dichloropropane-d6	7.306	67	146317	53.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.140%
41) Toluene-d8	8.647	98	399512	51.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.880%
43) trans-1,3-Dichloroprop...	8.952	79	67888	48.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.680%
47) 2-Hexanone-d5	9.397	63	160467	98.368	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.370%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	195418	50.436	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	138114	53.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.700%

Target Compounds

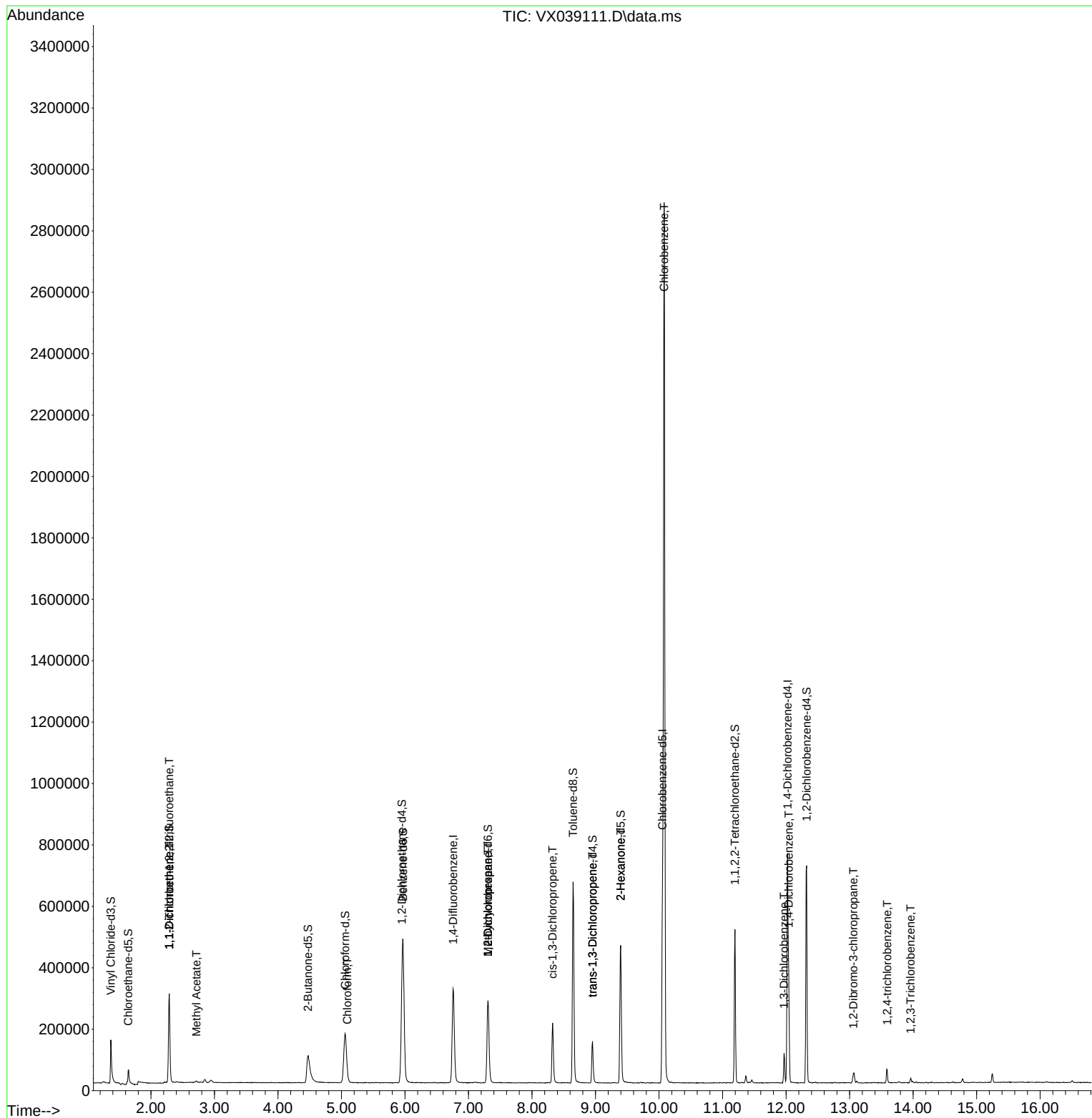
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	1519	0.708	ug/L #	21
12) 1,1-Dichloroethene	2.288	96	1212	0.600	ug/L #	1
15) Methyl Acetate	2.715	43	5923	1.939	ug/L	97
25) Chloroform	5.092	83	7067	1.685	ug/L	90
35) Methylcyclohexane	7.306	83	32758	8.516	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	15835	6.533	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	4755	1.230	ug/L #	79
44) trans-1,3-Dichloropropene	8.952	75	3400	0.948	ug/L #	69
48) 2-Hexanone	9.397	43	18664	5.490	ug/L #	67
51) Chlorobenzene	10.079	112	1246118	217.689	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	28137	6.630	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	90399	21.019	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.061	75	1063	1.146	ug/L #	11
70) 1,2,4-trichlorobenzene	13.591	180	10181	3.848	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2762	1.078	ug/L	98

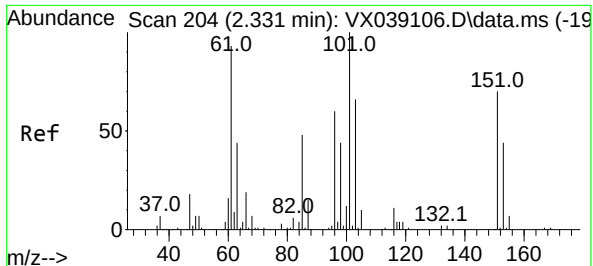
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
Data File : VX039111.D
Acq On : 08 Dec 2023 17:41
Operator : JC/MD
Sample : 05646-01ME
Misc : 3.79g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AT5ME

Quant Time: Dec 09 03:41:45 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.708 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.043 min

Lab File: VX039111.D

Acq: 08 Dec 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

C0AT5ME

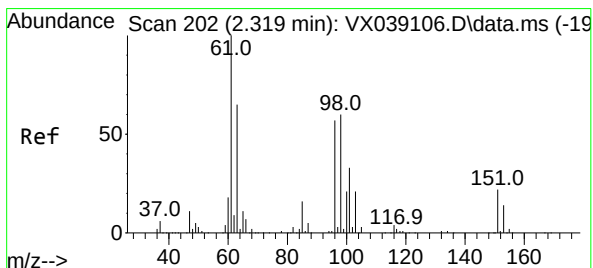
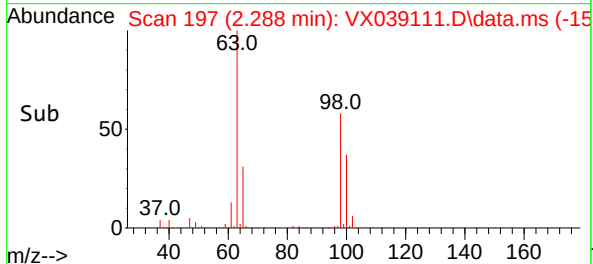
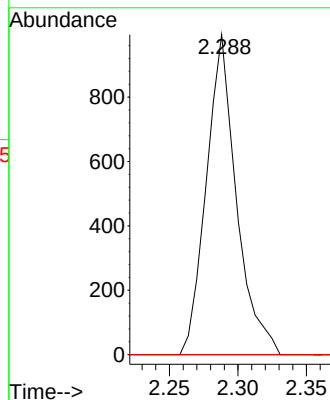
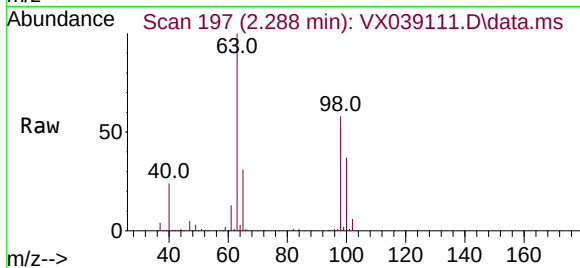
Tgt Ion:101 Resp: 1519

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

151 0.0 55.4 83.2#



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.031 min

Lab File: VX039111.D

Acq: 08 Dec 2023 17:41

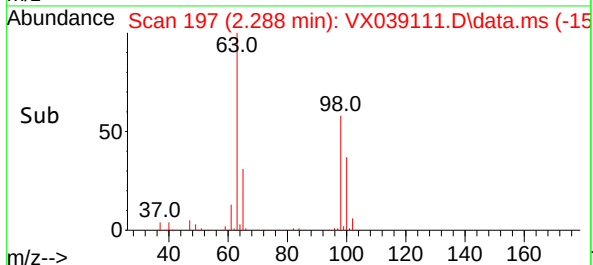
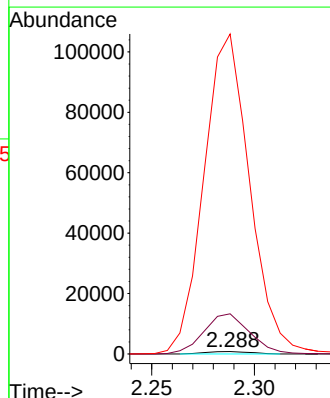
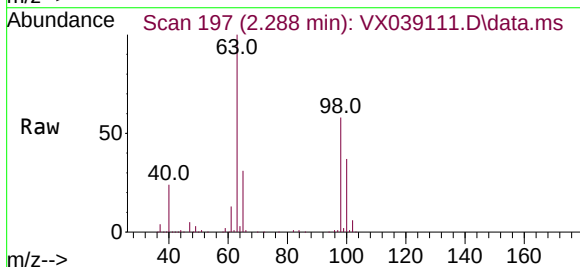
Tgt Ion: 96 Resp: 1212

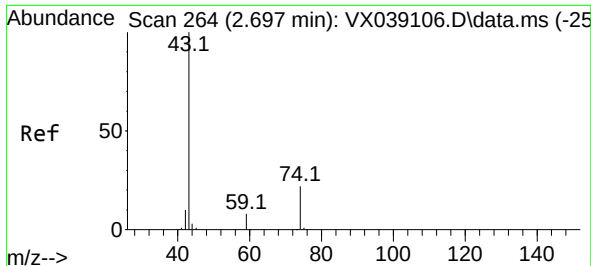
Ion Ratio Lower Upper

96 100

61 1698.8 128.0 237.6#

63 13546.8 101.5 188.5#

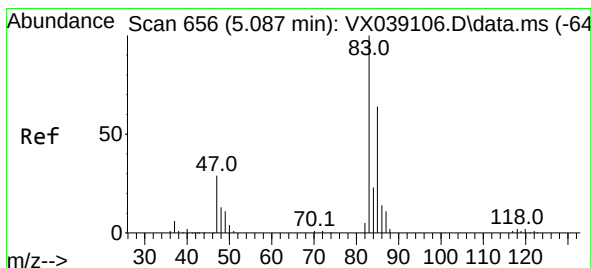
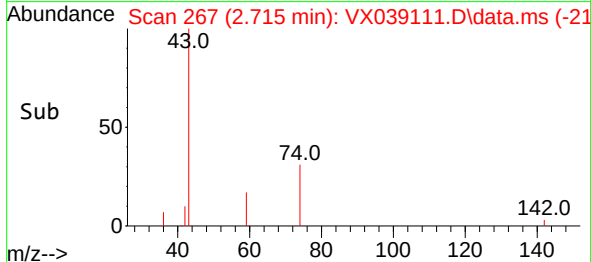
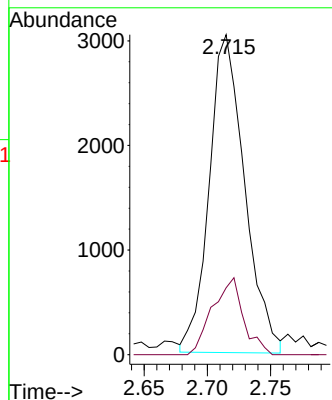
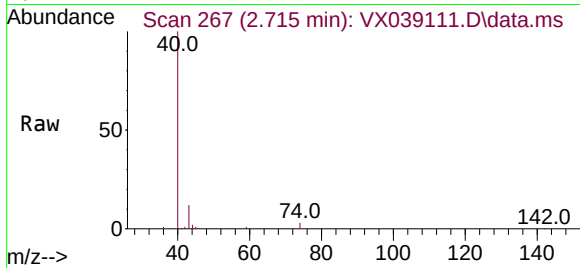




#15
Methyl Acetate
Concen: 1.939 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

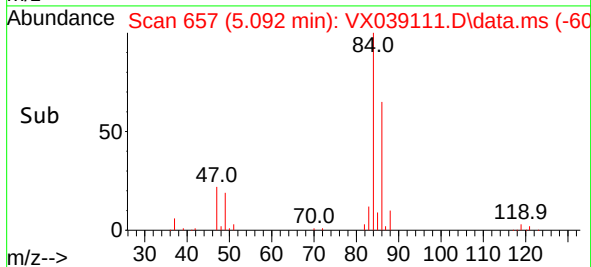
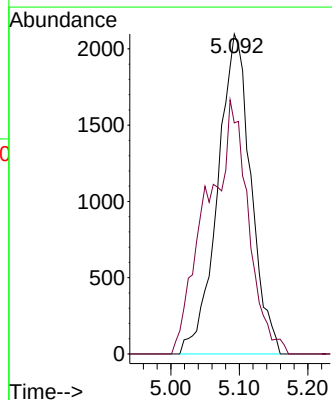
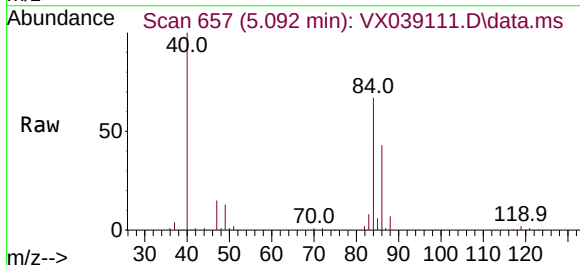
Instrument :
MSVOA_X
ClientSampleId :
COAT5ME

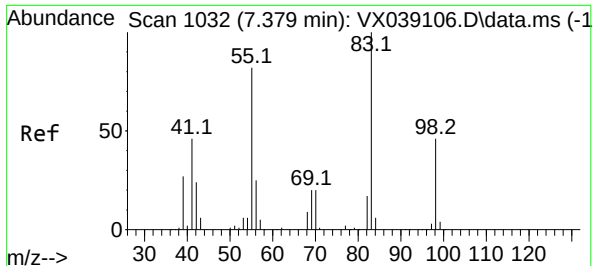
Tgt Ion: 43 Resp: 5923
Ion Ratio Lower Upper
43 100
74 21.2 18.2 27.4



#25
Chloroform
Concen: 1.685 ug/L
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

Tgt Ion: 83 Resp: 7067
Ion Ratio Lower Upper
83 100
85 72.2 45.1 83.7





#35

Methylcyclohexane

Concen: 8.516 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX039111.D

Acq: 08 Dec 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

COAT5ME

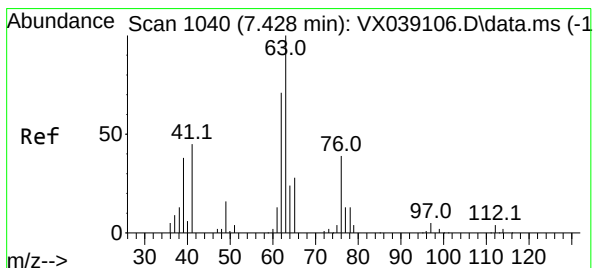
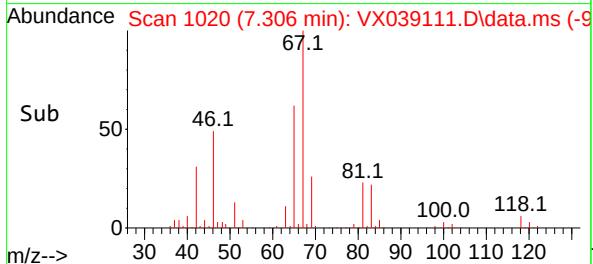
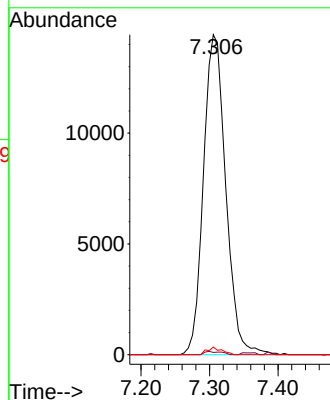
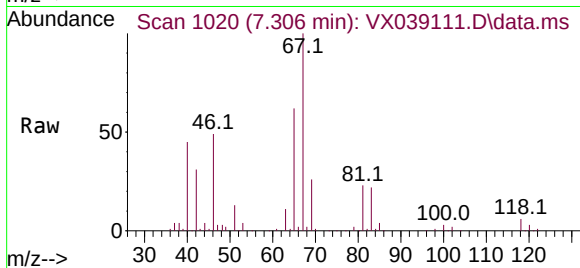
Tgt Ion: 83 Resp: 32758

Ion Ratio Lower Upper

83 100

55 0.4 62.5 93.7#

98 1.5 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 6.533 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039111.D

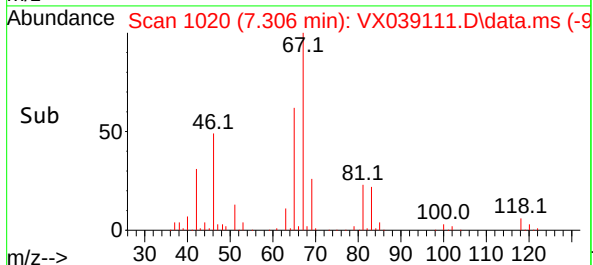
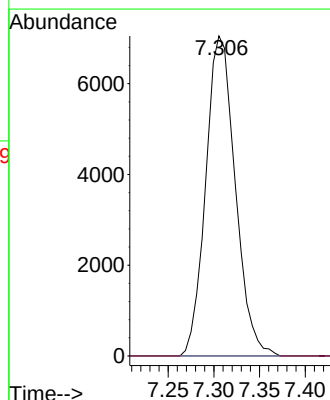
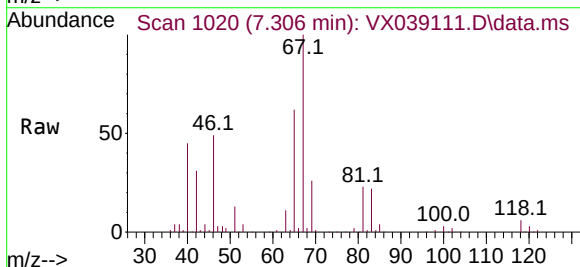
Acq: 08 Dec 2023 17:41

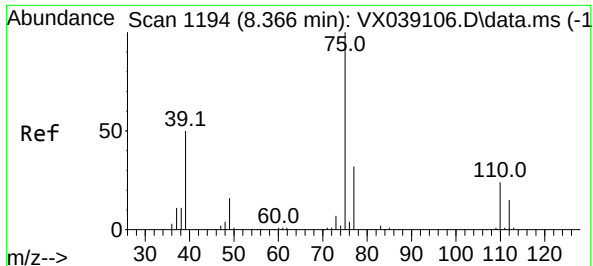
Tgt Ion: 63 Resp: 15835

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#

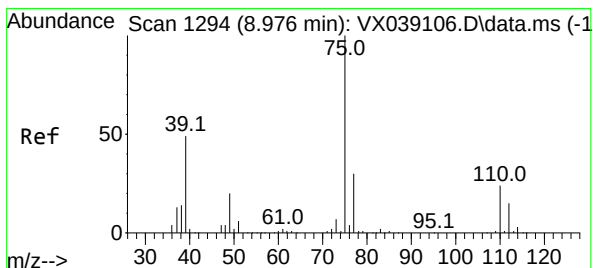
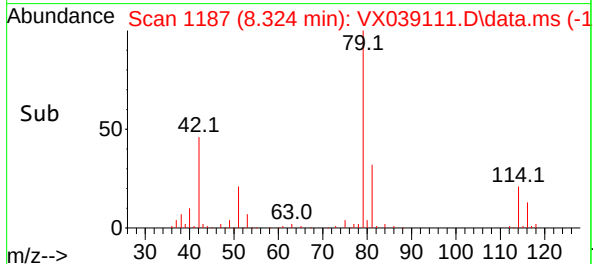
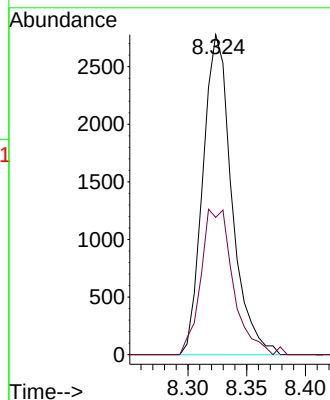
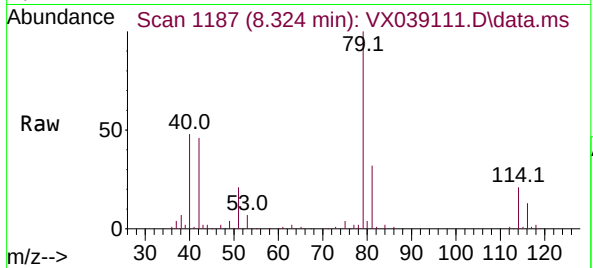




#39
cis-1,3-Dichloropropene
Concen: 1.230 ug/L
RT: 8.324 min Scan# 1194
Delta R.T. -0.043 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

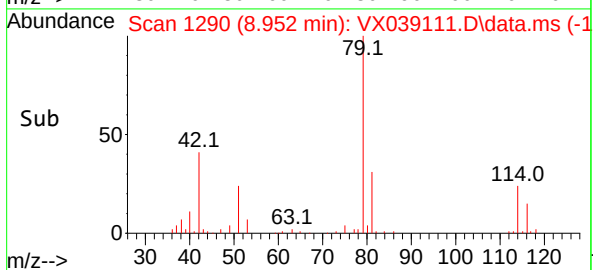
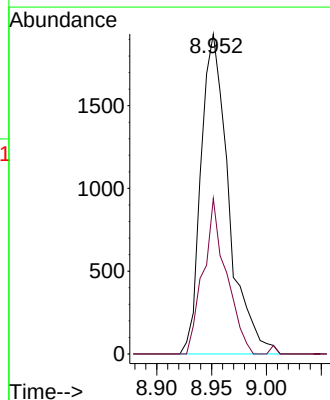
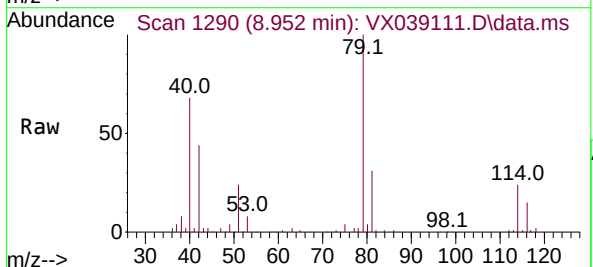
Instrument :
MSVOA_X
ClientSampleId :
C0AT5ME

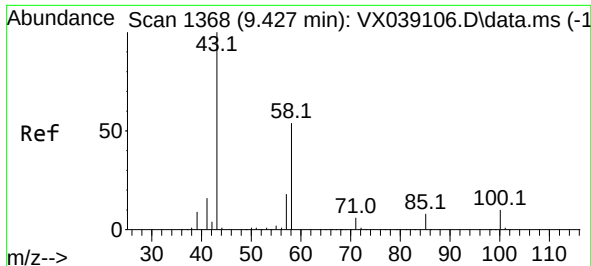
Tgt Ion: 75 Resp: 4755
Ion Ratio Lower Upper
75 100
77 42.9 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.948 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

Tgt Ion: 75 Resp: 3400
Ion Ratio Lower Upper
75 100
77 48.6 22.0 40.8#

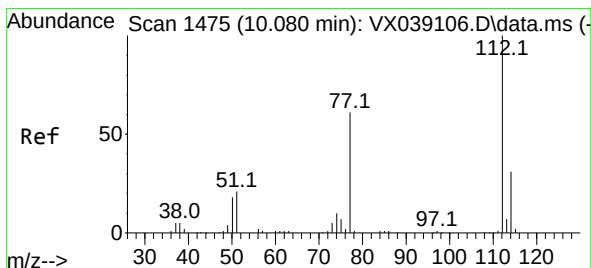
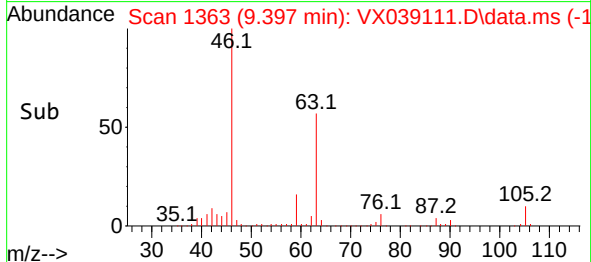
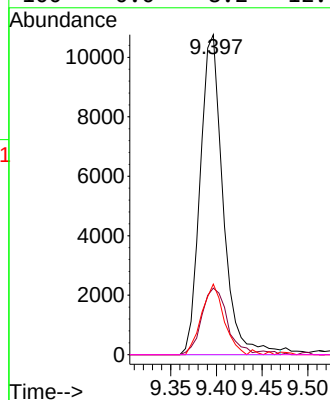
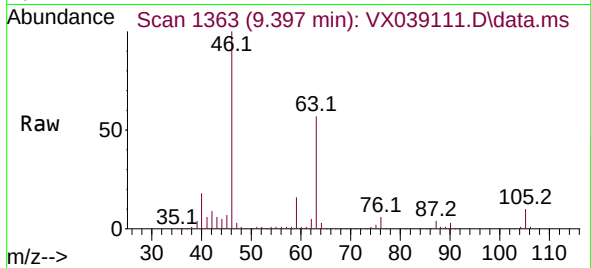




#48
2-Hexanone
Concen: 5.490 ug/L
RT: 9.397 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

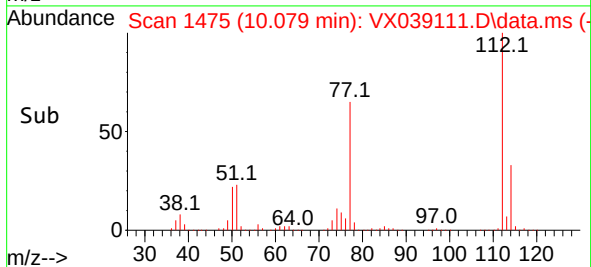
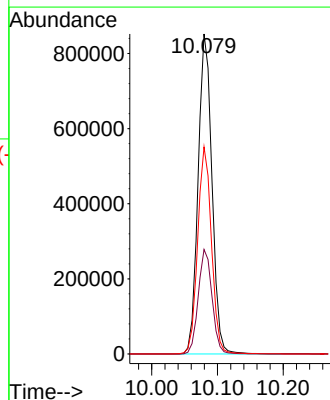
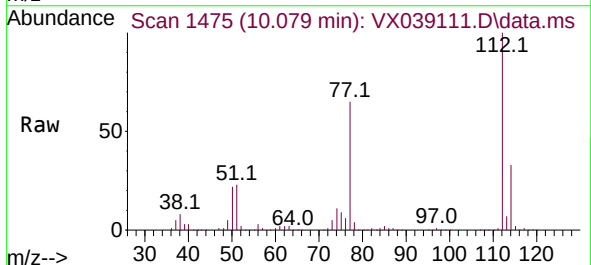
Instrument :
MSVOA_X
ClientSampleId :
COAT5ME

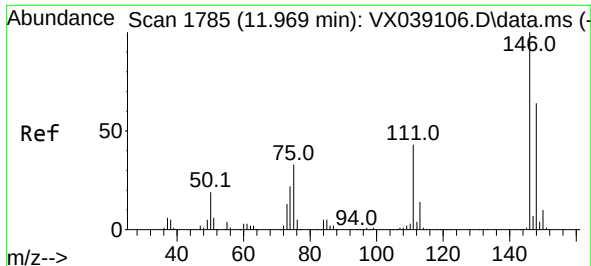
Tgt Ion: 43	Resp: 18664
Ion Ratio	Lower Upper
43 100	
58 23.2	43.0 64.6#
57 21.5	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 217.689 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

Tgt	Ion:112	Resp:	1246118
Ion	Ratio	Lower	Upper
112	100		
114	32.7	21.8	40.4
77	64.7	49.0	73.6

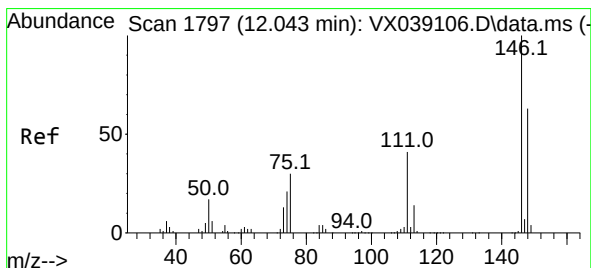
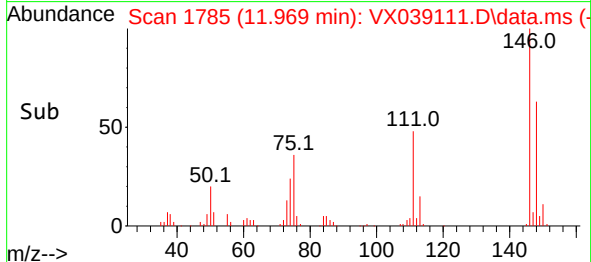
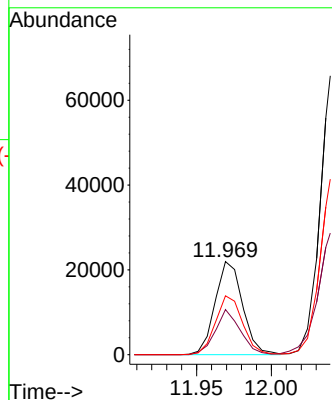
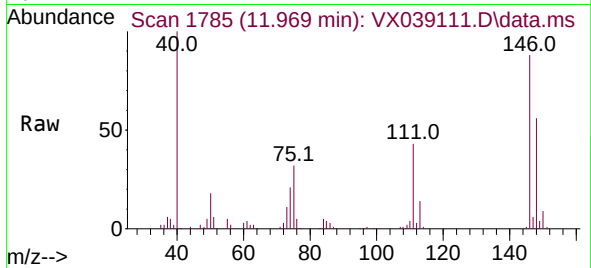




#64
1,3-Dichlorobenzene
Concen: 6.630 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

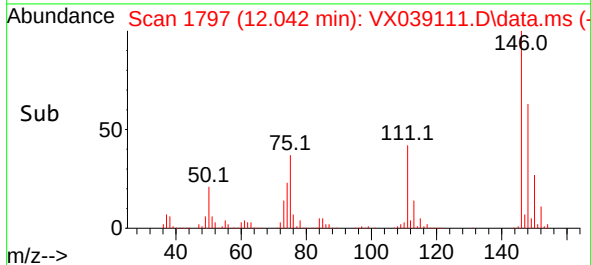
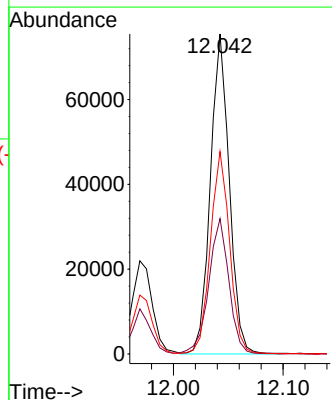
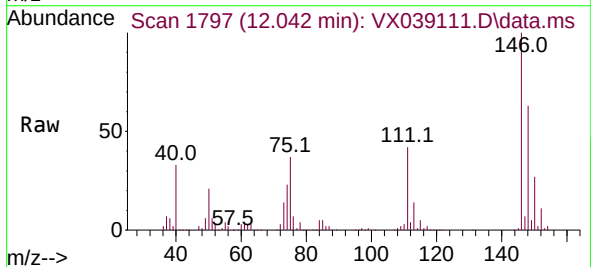
Instrument :
MSVOA_X
ClientSampleId :
COAT5ME

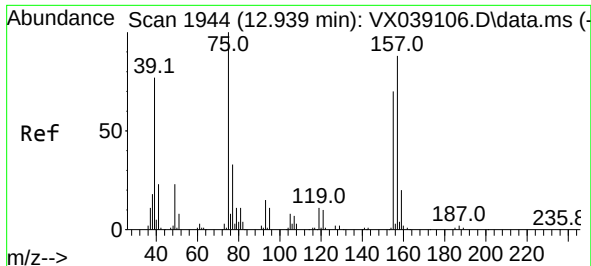
Tgt Ion:146 Resp: 28137
Ion Ratio Lower Upper
146 100
111 48.5 30.0 55.6
148 63.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 21.019 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039111.D
Acq: 08 Dec 2023 17:41

Tgt Ion:146 Resp: 90399
Ion Ratio Lower Upper
146 100
111 42.3 29.7 55.1
148 63.3 45.8 85.2





#68

1,2-Dibromo-3-chloropropane

Concen: 1.146 ug/L

RT: 13.061 min Scan# 1944

Delta R.T. 0.122 min

Lab File: VX039111.D

Acq: 08 Dec 2023 17:41

Instrument :

MSVOA_X

ClientSampleId :

COAT5ME

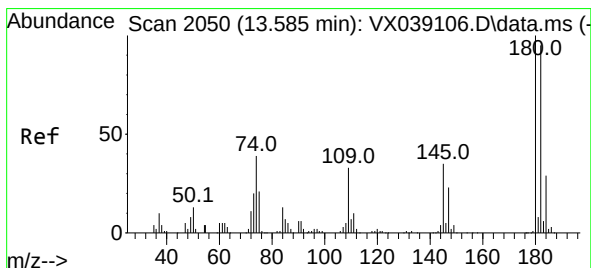
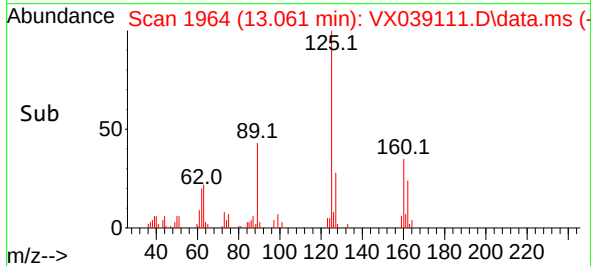
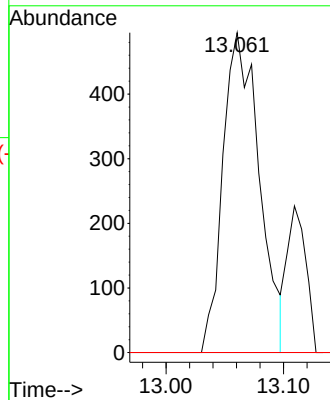
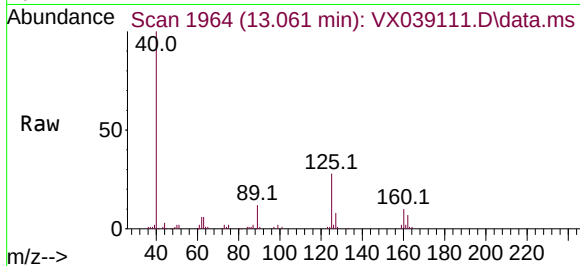
Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

155 0.0 52.3 78.5#

157 0.0 68.7 103.1#



#70

1,2,4-trichlorobenzene

Concen: 3.848 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039111.D

Acq: 08 Dec 2023 17:41

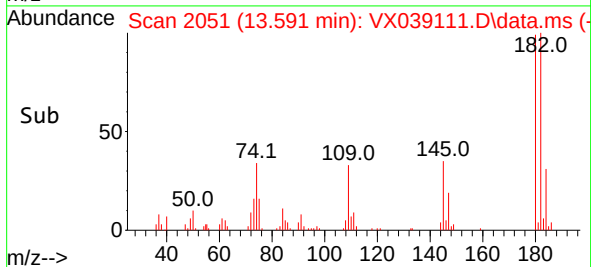
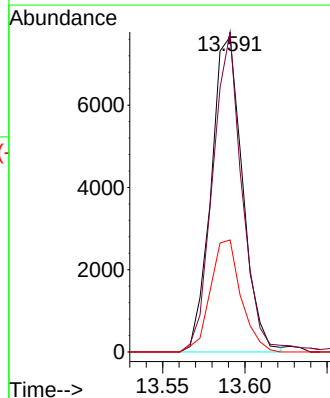
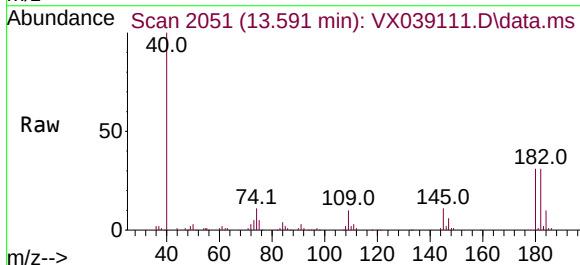
Tgt Ion: 180 Resp: 10181

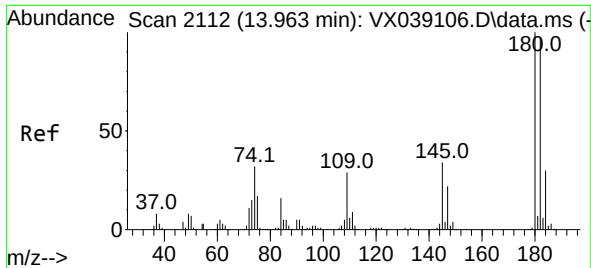
Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

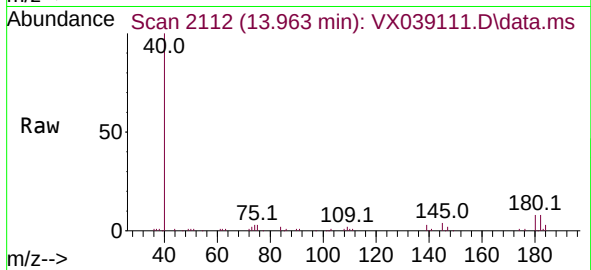
145 34.7 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.078 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039111.D
 Acq: 08 Dec 2023 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT5ME



Tgt Ion:180 Resp: 2762
 Ion Ratio Lower Upper
 180 100
 182 93.0 75.9 113.9
 145 36.5 28.6 42.8

