

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035164.D
 Acq On : 19 Apr 2023 13:10
 Operator : JC/MD
 Sample : 02397-09DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

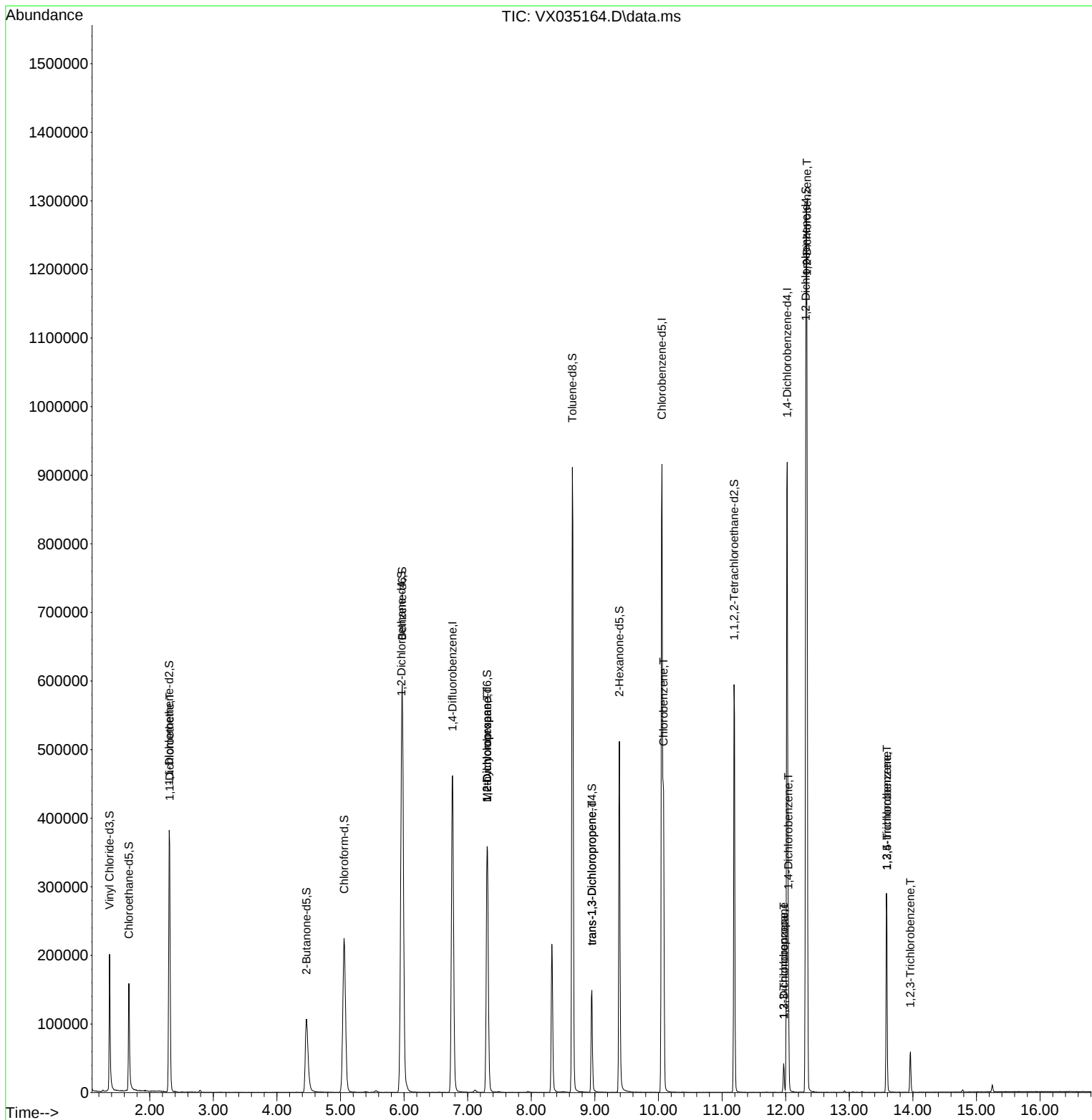
Quant Time: Apr 20 02:55:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

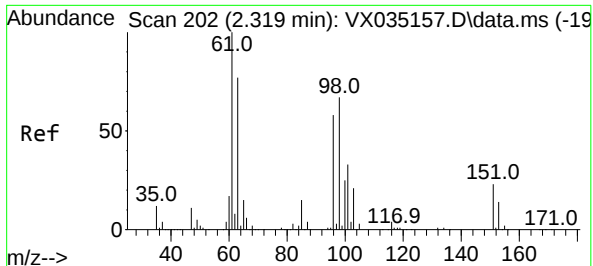
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	481594	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	413438	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	192684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	138797	44.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.400%
7) Chloroethane-d5	1.672	69	110250	49.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.260%
11) 1,1-Dichloroethene-d2	2.307	65	69131	46.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
21) 2-Butanone-d5	4.465	46	209409	101.194	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.190%
24) Chloroform-d	5.056	84	282691	48.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	5.958	65	188969	50.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.640%
32) Benzene-d6	5.970	84	607284	51.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.260%
36) 1,2-Dichloropropane-d6	7.306	67	189247	52.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.340%
41) Toluene-d8	8.647	98	546358	50.336	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	8.952	79	71815	45.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.600%
47) 2-Hexanone-d5	9.384	63	146484	100.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.550%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	224209	50.464	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	191948	51.406	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.820%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	1597	0.555	ug/L #	1
35) Methylcyclohexane	7.306	83	45348	10.110	ug/L #	19
37) 1,2-Dichloropropane	7.306	63	21194	6.429	ug/L #	86
44) trans-1,3-Dichloropropene	8.952	75	3140	0.707	ug/L	92
51) Chlorobenzene	10.079	112	188089	21.978	ug/L	100
61) 1,2,3-Trichloropropane	11.969	75	3789	1.065	ug/L #	49
64) 1,3-Dichlorobenzene	11.969	146	13519	2.262	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	61063	9.987	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	316054	52.164	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	66555	18.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	66555	19.241	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	14189	4.155	ug/L	99

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

Quant Time: Apr 20 02:55:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.555 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035164.D

Acq: 19 Apr 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

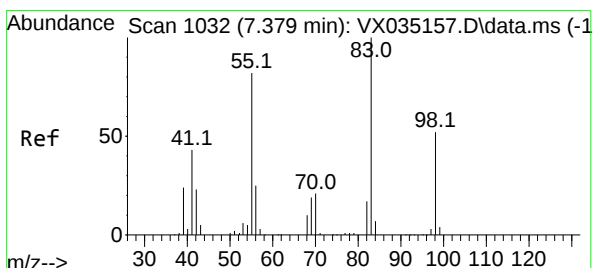
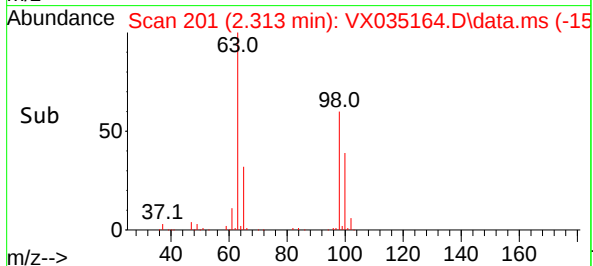
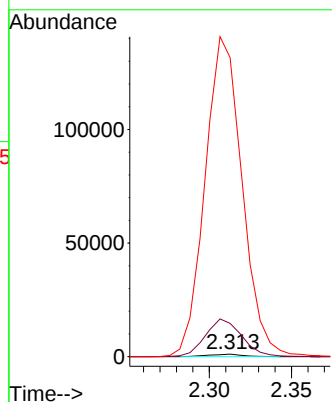
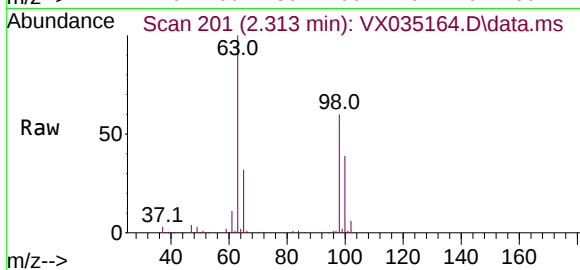
Tgt Ion: 96 Resp: 1597

Ion Ratio Lower Upper

96 100

61 1334.7 119.0 221.0#

63 11968.0 91.0 169.0#



#35

Methylcyclohexane

Concen: 10.110 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX035164.D

Acq: 19 Apr 2023 13:10

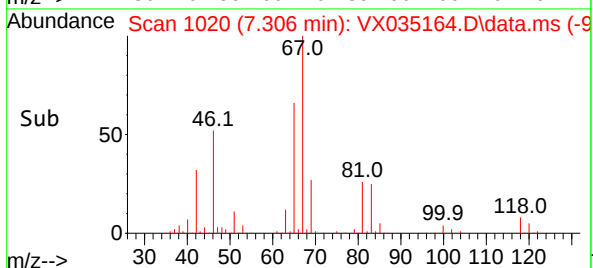
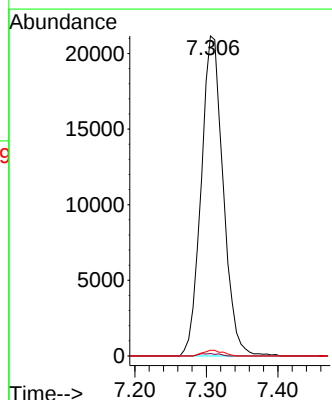
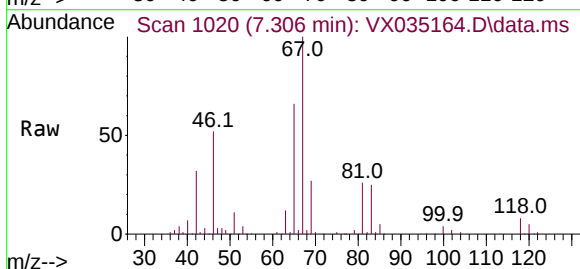
Tgt Ion: 83 Resp: 45348

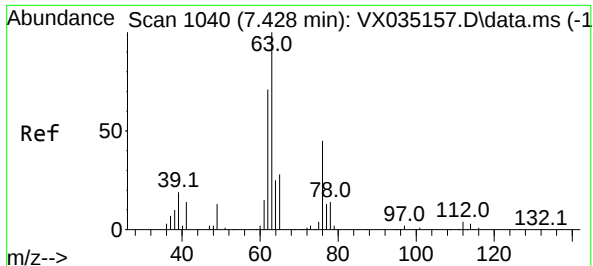
Ion Ratio Lower Upper

83 100

55 0.6 62.2 93.2#

98 1.6 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 6.429 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.122 min

Lab File: VX035164.D

Acq: 19 Apr 2023 13:10

Instrument :

MSVOA_X

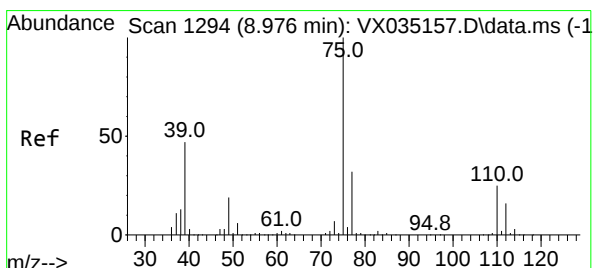
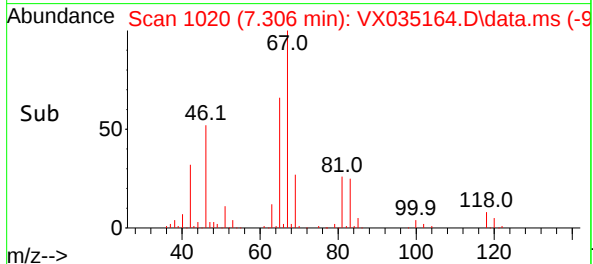
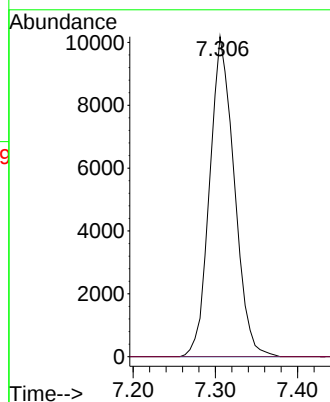
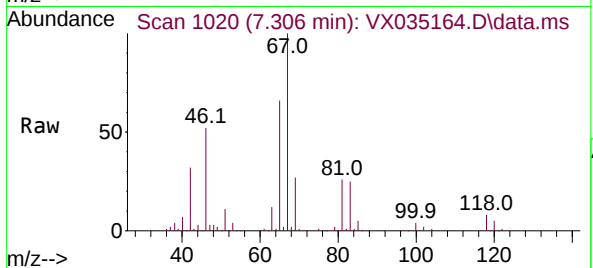
ClientSampleId :

Tgt Ion: 63 Resp: 21194

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#44

trans-1,3-Dichloropropene

Concen: 0.707 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX035164.D

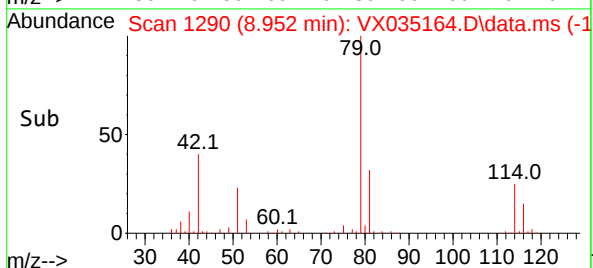
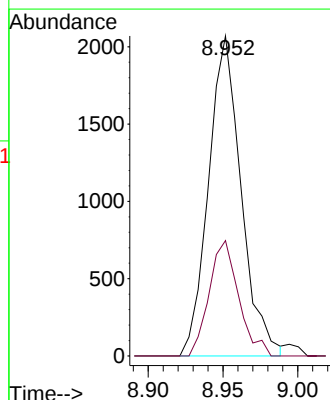
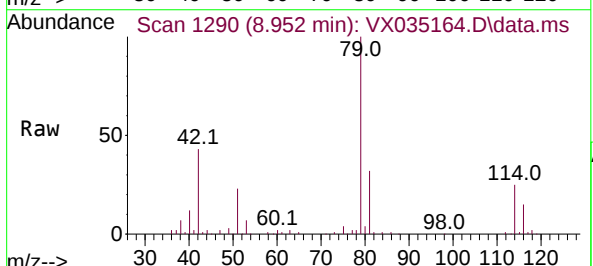
Acq: 19 Apr 2023 13:10

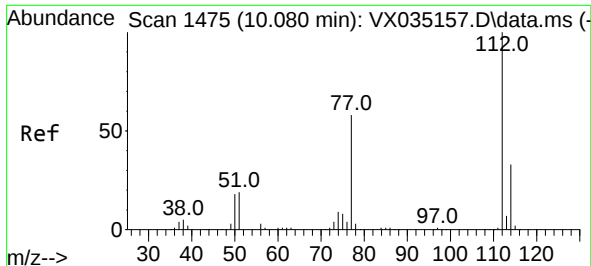
Tgt Ion: 75 Resp: 3140

Ion Ratio Lower Upper

75 100

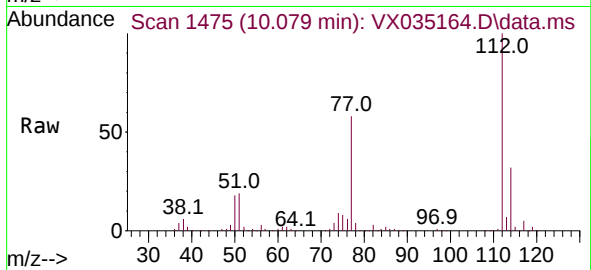
77 36.0 22.0 40.8



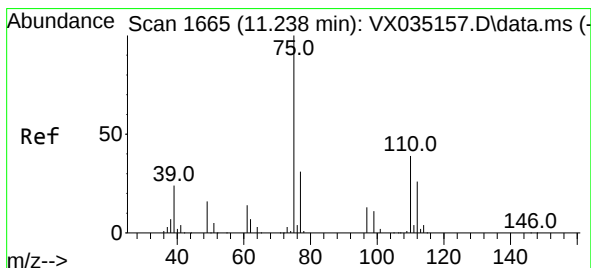
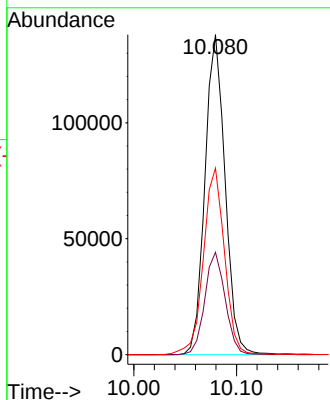
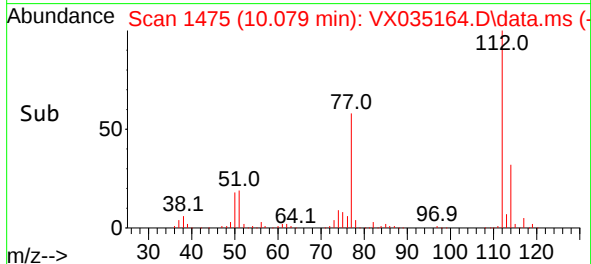


#51
Chlorobenzene
Concen: 21.978 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035164.D
Acq: 19 Apr 2023 13:10

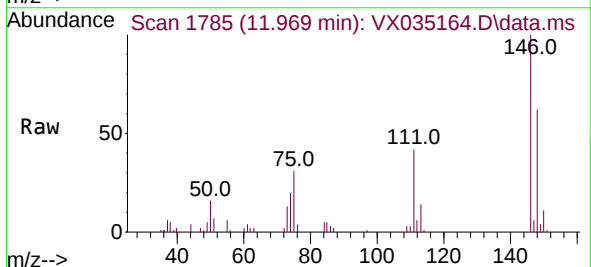
Instrument :
MSVOA_X
ClientSampleId :



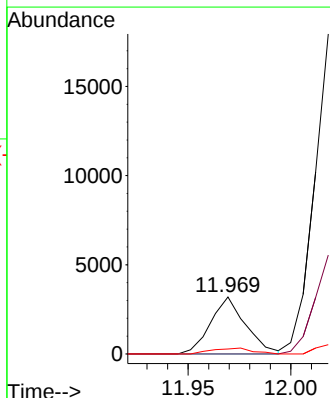
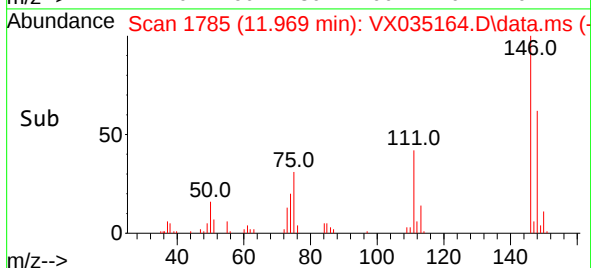
Tgt Ion:112 Resp: 188089
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 58.3 47.0 70.6

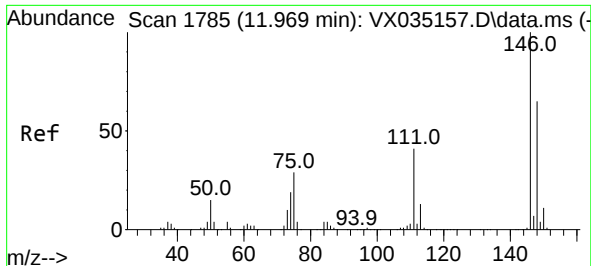


#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX035164.D
Acq: 19 Apr 2023 13:10



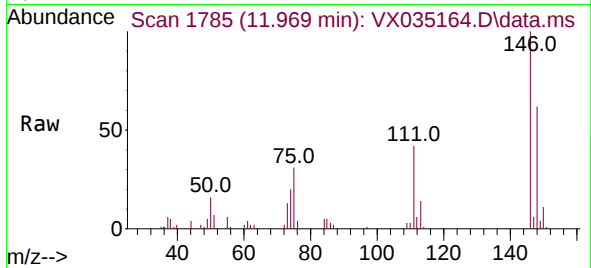
Tgt Ion: 75 Resp: 3789
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 11.8 32.5 48.7#



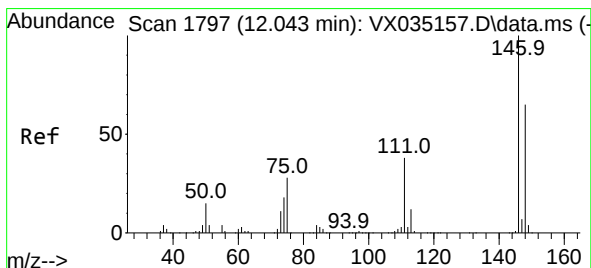
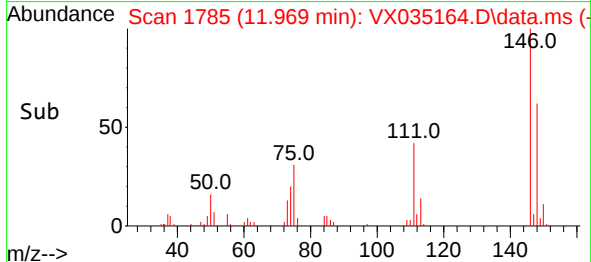
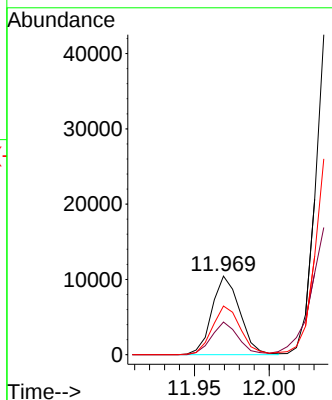


#64
1,3-Dichlorobenzene
Concen: 2.262 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035164.D
Acq: 19 Apr 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :

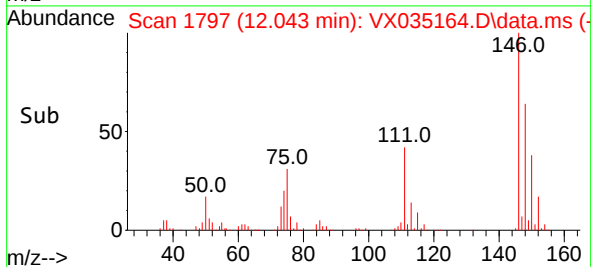
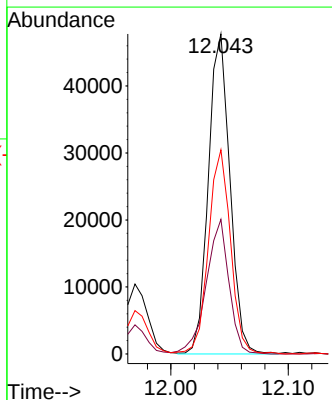
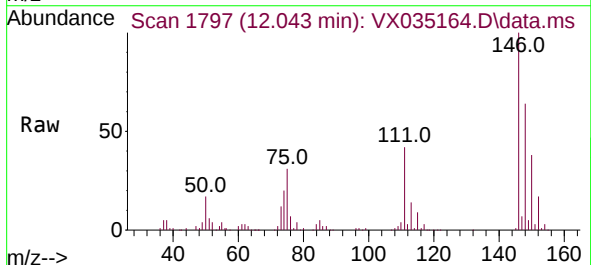


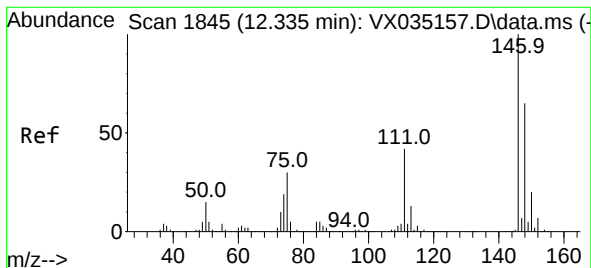
Tgt Ion:146 Resp: 13519
Ion Ratio Lower Upper
146 100
111 41.6 28.9 53.7
148 61.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 9.987 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035164.D
Acq: 19 Apr 2023 13:10

Tgt Ion:146 Resp: 61063
Ion Ratio Lower Upper
146 100
111 42.0 27.9 51.7
148 63.8 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 52.164 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035164.D

Acq: 19 Apr 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

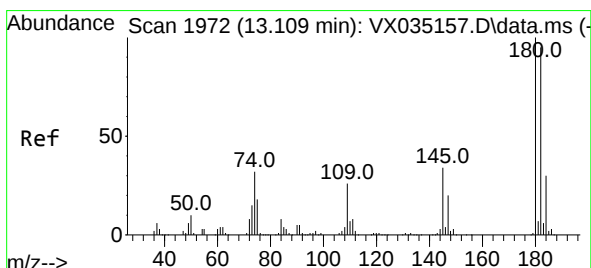
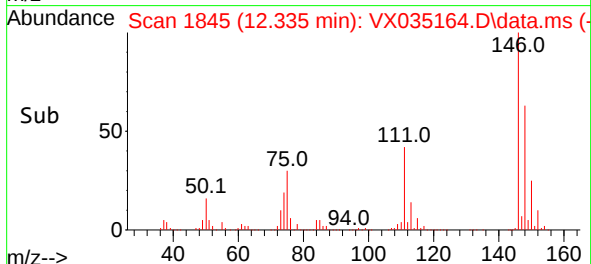
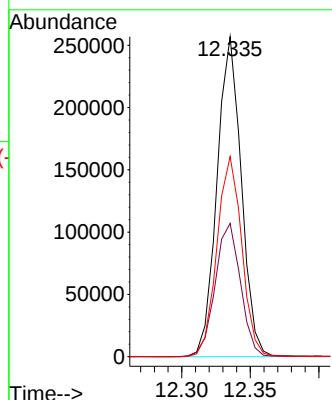
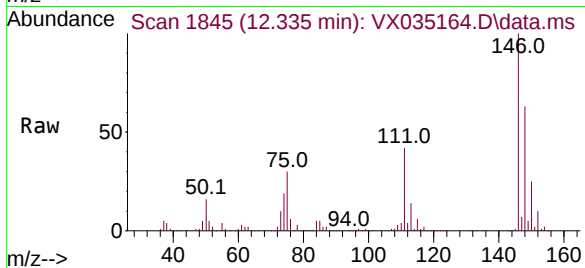
Tgt Ion:146 Resp: 316054

Ion Ratio Lower Upper

146 100

111 41.7 34.7 52.1

148 62.6 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 18.016 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035164.D

Acq: 19 Apr 2023 13:10

Tgt Ion:180 Resp: 66555

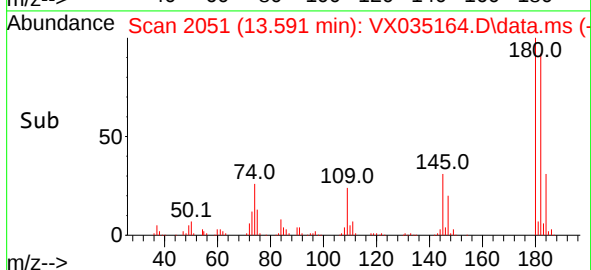
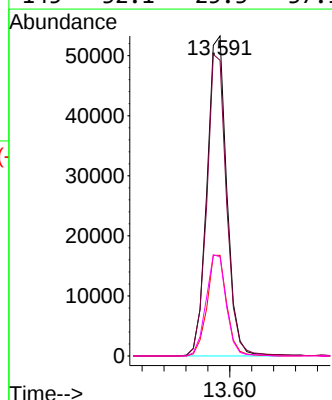
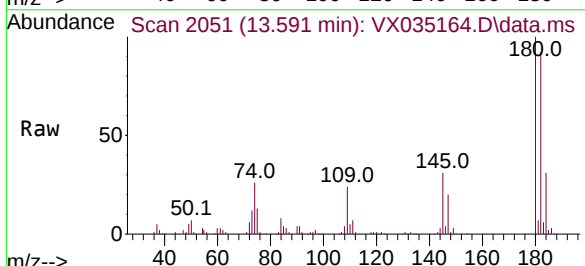
Ion Ratio Lower Upper

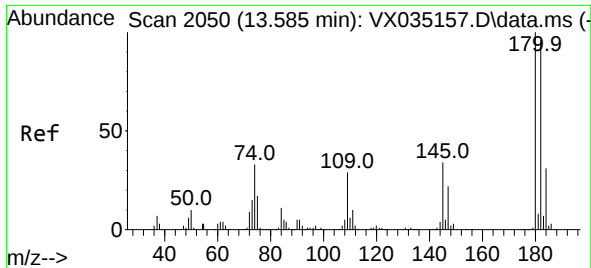
180 100

182 94.6 75.4 113.0

184 31.5 23.8 35.8

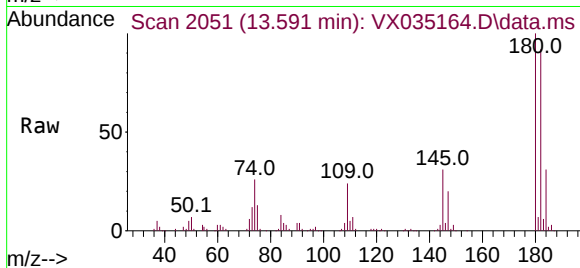
145 32.1 25.3 37.9



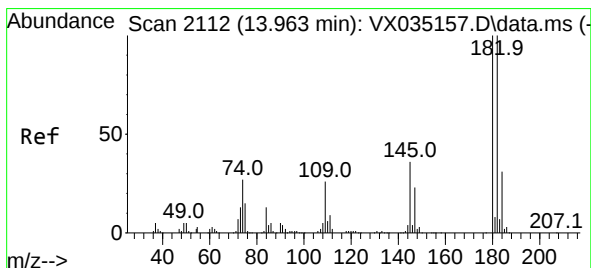
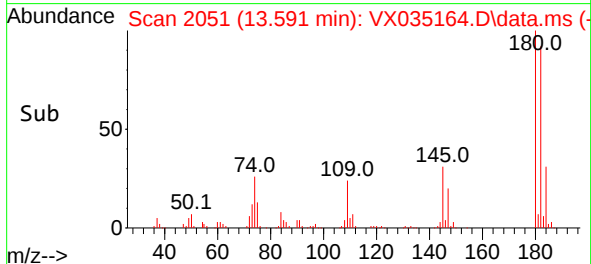
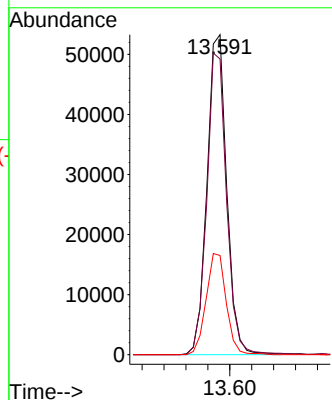


#70
 1,2,4-trichlorobenzene
 Concen: 19.241 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035164.D
 Acq: 19 Apr 2023 13:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 66555
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 114.8
 145 32.1 26.2 39.4



#72
 1,2,3-Trichlorobenzene
 Concen: 4.155 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035164.D
 Acq: 19 Apr 2023 13:10

Tgt Ion:180 Resp: 14189
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.0 112.6
 145 33.6 27.1 40.7

