

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035165.D
 Acq On : 19 Apr 2023 13:33
 Operator : JC/MD
 Sample : 02397-14DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:55:16 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)

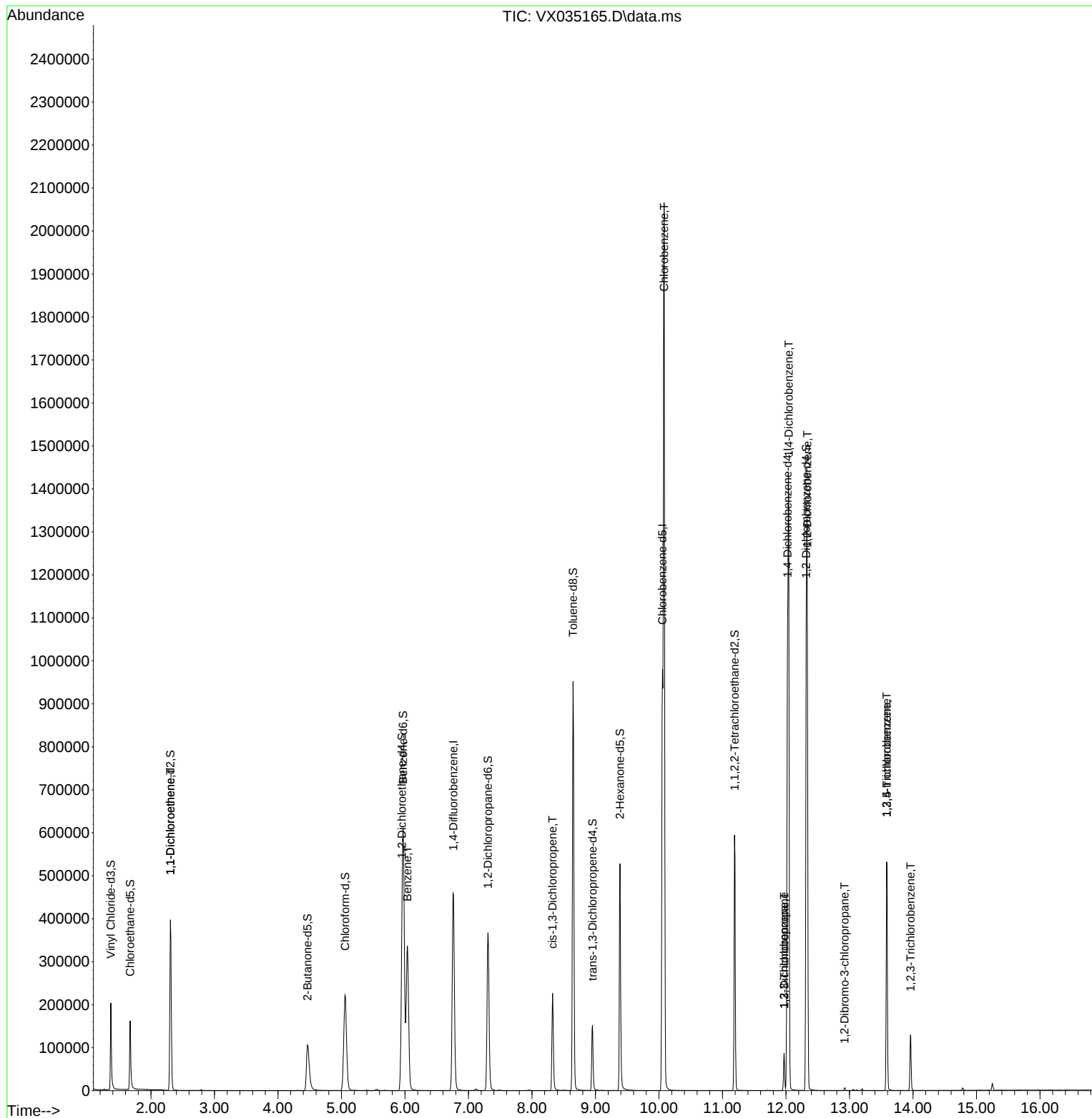
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	482721	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	421294	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	196467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	140721	45.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.420%
7) Chloroethane-d5	1.673	69	113408	50.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.840%
11) 1,1-Dichloroethene-d2	2.307	65	70830	47.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.120%
21) 2-Butanone-d5	4.465	46	216087	104.178	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.180%
24) Chloroform-d	5.056	84	285048	48.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.260%
26) 1,2-Dichloroethane-d4	5.952	65	192517	51.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.280%
32) Benzene-d6	5.971	84	622843	51.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.940%
36) 1,2-Dichloropropane-d6	7.306	67	189767	51.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.660%
41) Toluene-d8	8.647	98	555933	50.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	8.952	79	73499	45.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.980%
47) 2-Hexanone-d5	9.385	63	149656	100.811	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	228270	50.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	195689	51.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1671	0.579	ug/L #	1
33) Benzene	6.038	78	408513	32.019	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4688	0.933	ug/L #	77
51) Chlorobenzene	10.080	112	897086	102.869	ug/L	100
61) 1,2,3-Trichloropropane	11.969	75	8241	2.272	ug/L #	49
64) 1,3-Dichlorobenzene	11.969	146	27286	4.478	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	435006	69.773	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	316928	51.301	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.921	75	1038	1.160	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.585	180	127374	33.816	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	127374	36.114	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	32040	9.202	ug/L	98

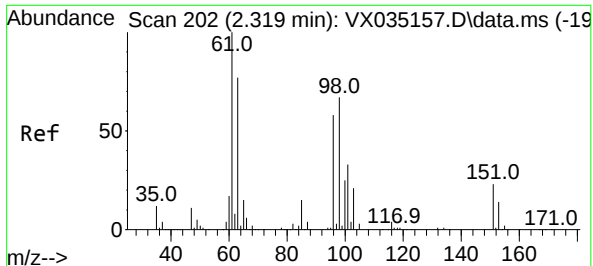
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 02:36:32 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

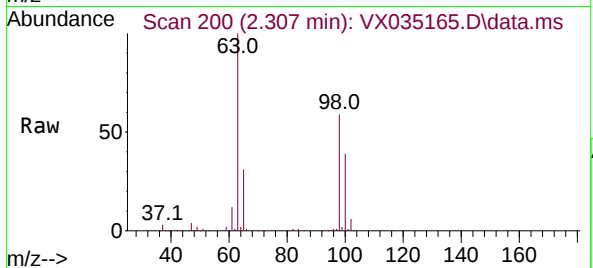
Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :



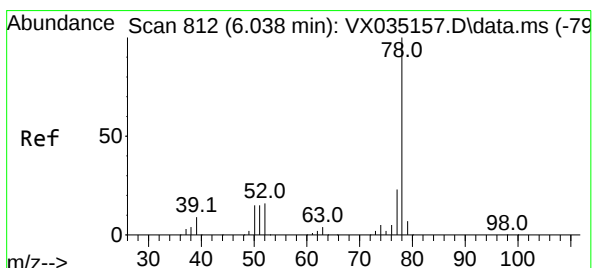
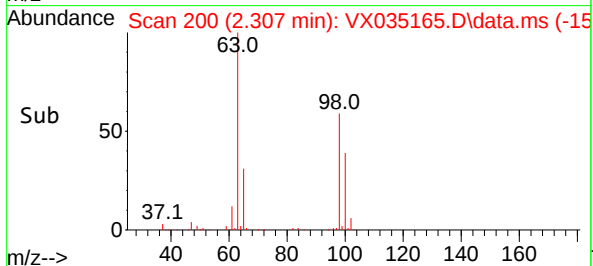
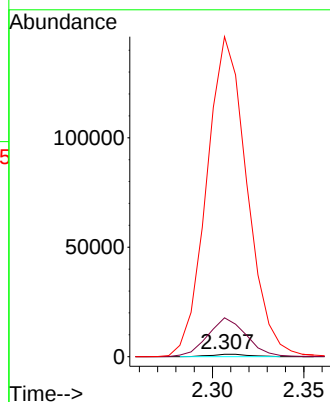
Tgt Ion: 96 Resp: 1671

Ion Ratio Lower Upper

96 100

61 1557.2 119.0 221.0#

63 12811.2 91.0 169.0#



#33

Benzene

Concen: 32.019 ug/L

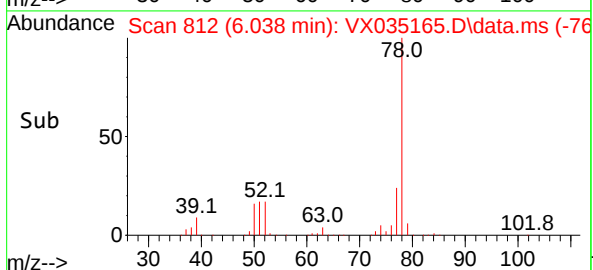
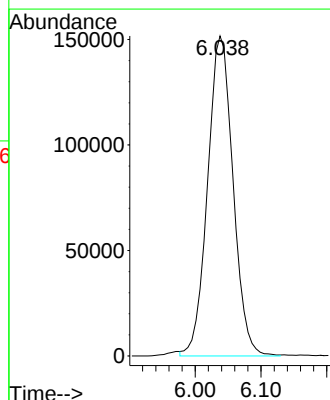
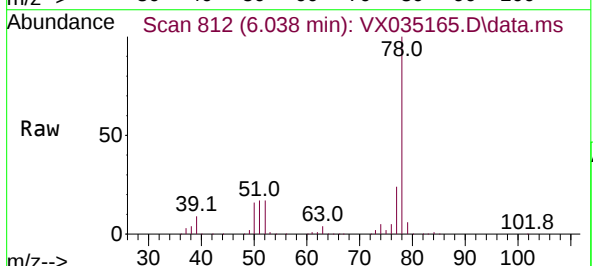
RT: 6.038 min Scan# 812

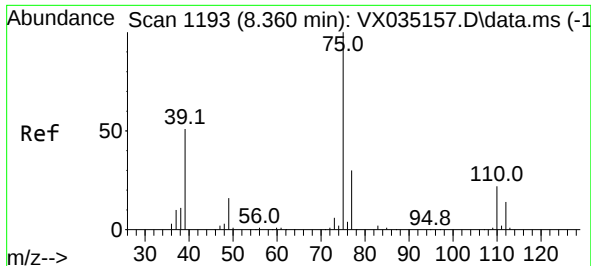
Delta R.T. 0.000 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Tgt Ion: 78 Resp: 408513





#39

cis-1,3-Dichloropropene

Concen: 0.933 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Instrument :

MSVOA_X

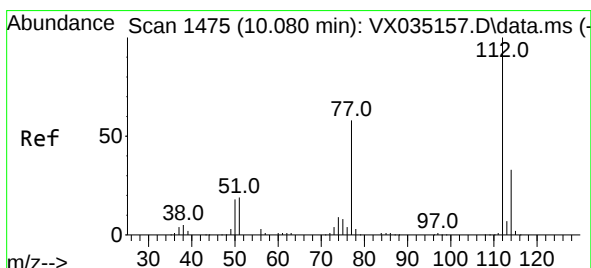
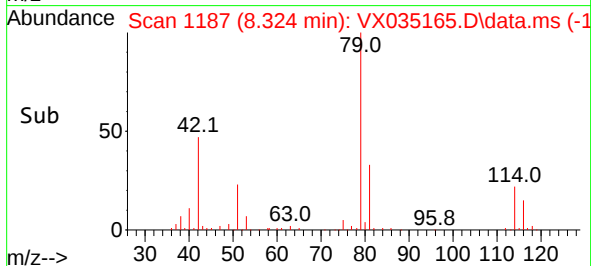
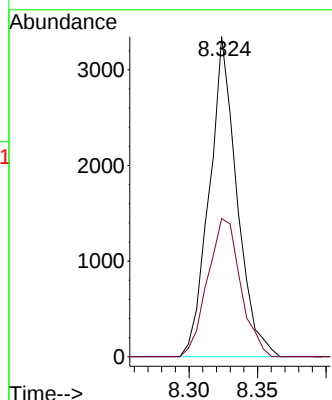
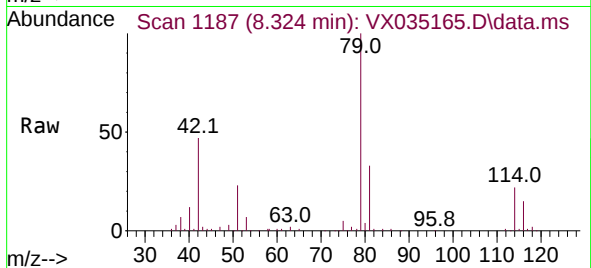
ClientSampleId :

Tgt Ion: 75 Resp: 4688

Ion Ratio Lower Upper

75 100

77 43.1 21.4 39.8#



#51

Chlorobenzene

Concen: 102.869 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

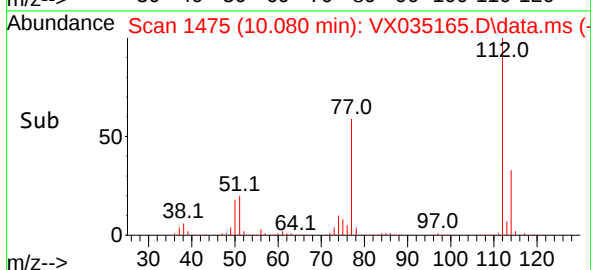
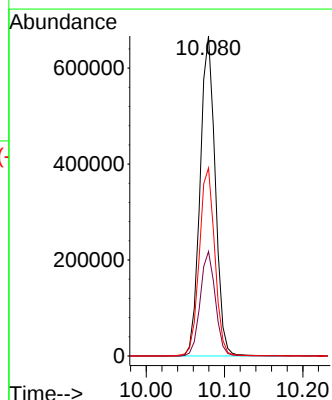
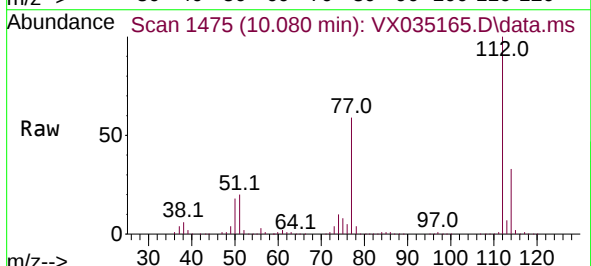
Tgt Ion: 112 Resp: 897086

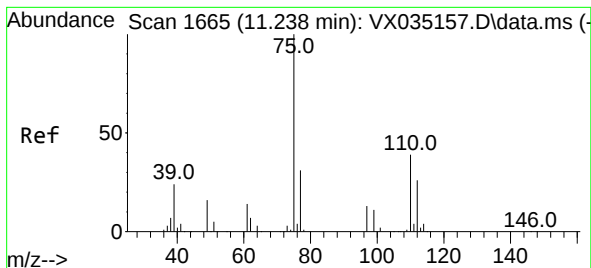
Ion Ratio Lower Upper

112 100

114 32.6 22.4 41.6

77 58.7 47.0 70.6





#61

1,2,3-Trichloropropane

Concen: 2.272 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

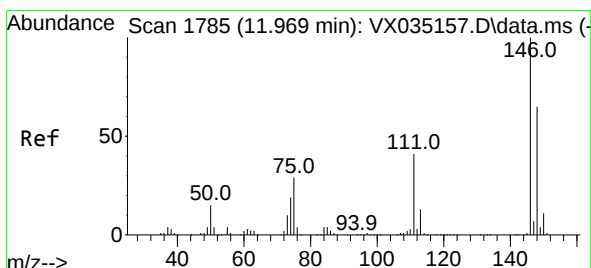
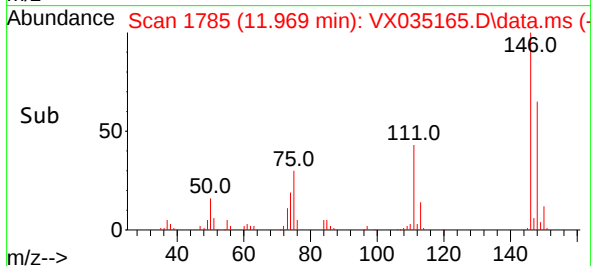
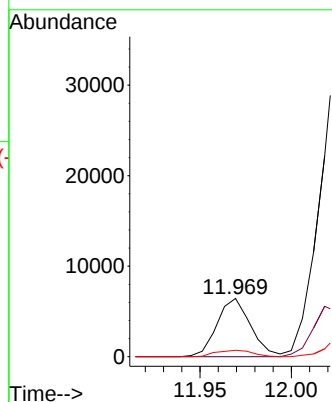
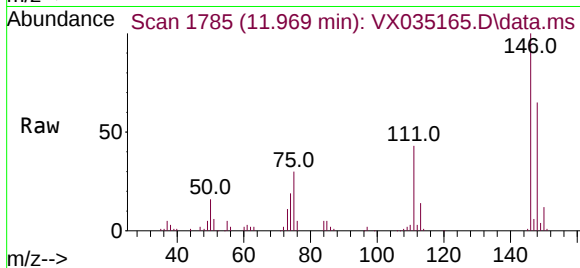
Tgt Ion: 75 Resp: 8241

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

110 12.1 32.5 48.7#



#64

1,3-Dichlorobenzene

Concen: 4.478 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

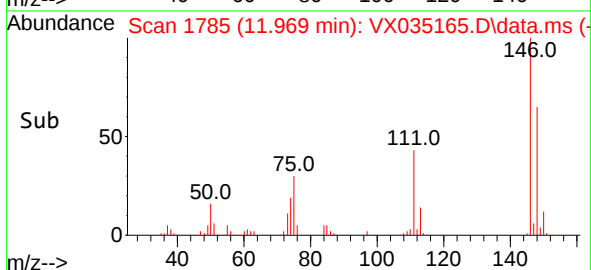
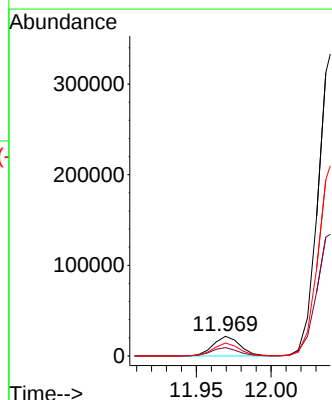
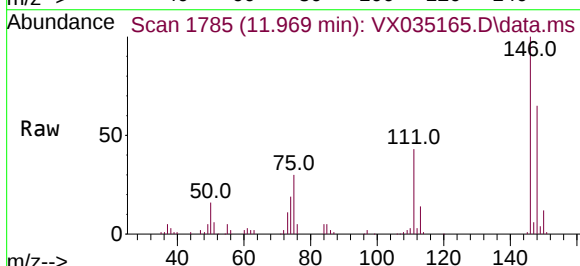
Tgt Ion:146 Resp: 27286

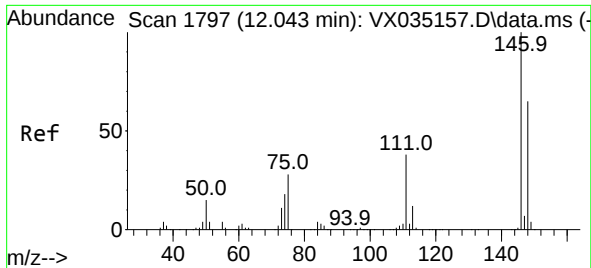
Ion Ratio Lower Upper

146 100

111 42.5 28.9 53.7

148 65.4 44.3 82.3

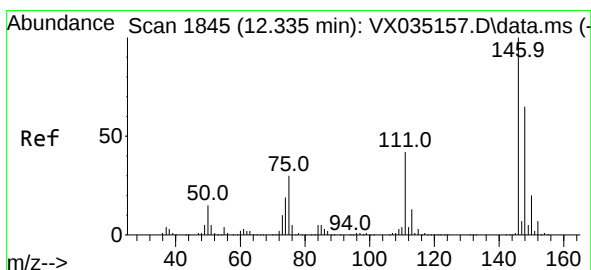
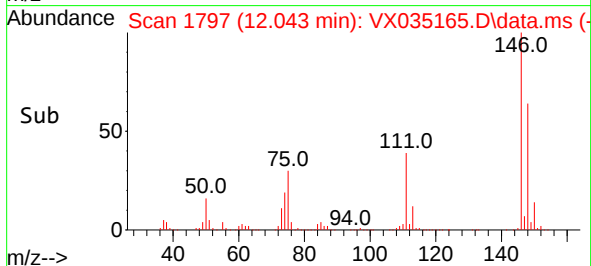
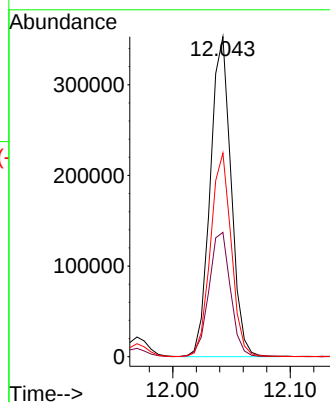
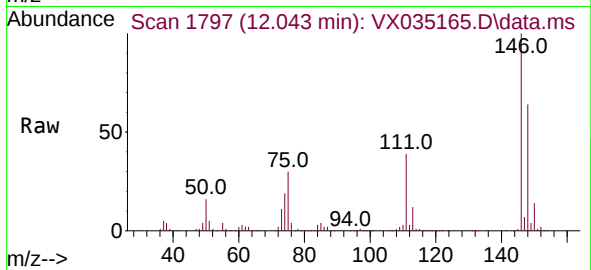




#65
1,4-Dichlorobenzene
Concen: 69.773 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035165.D
Acq: 19 Apr 2023 13:33

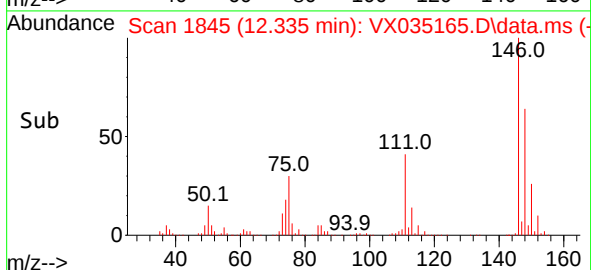
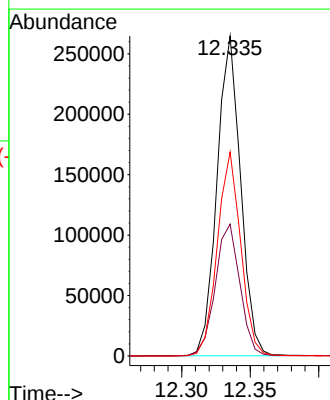
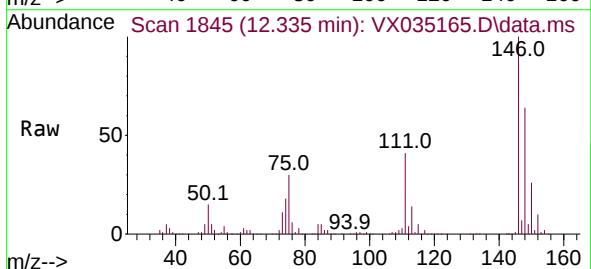
Instrument :
MSVOA_X
ClientSampleId :

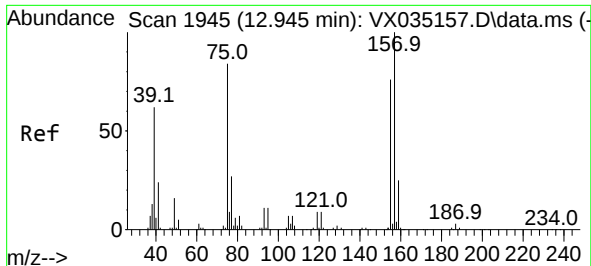
Tgt Ion:146 Resp: 435006
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 63.7 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 51.301 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035165.D
Acq: 19 Apr 2023 13:33

Tgt Ion:146 Resp: 316928
Ion Ratio Lower Upper
146 100
111 41.2 34.7 52.1
148 63.7 52.1 78.1

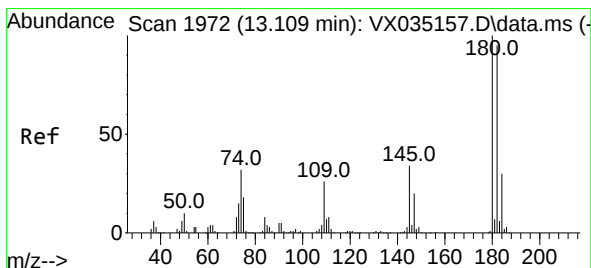
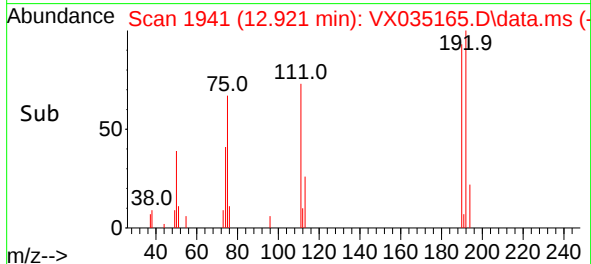
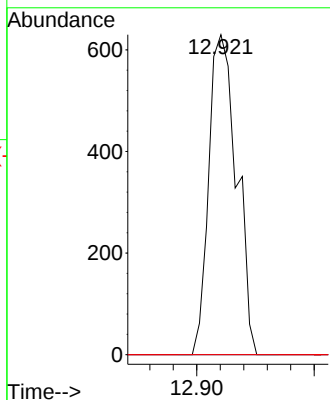
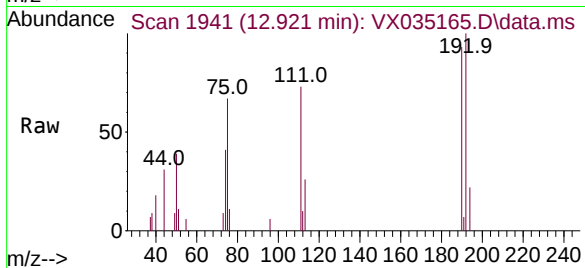




#68
1,2-Dibromo-3-chloropropane
Concen: 1.160 ug/L
RT: 12.921 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX035165.D
Acq: 19 Apr 2023 13:33

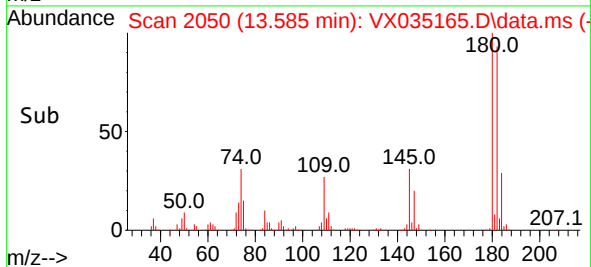
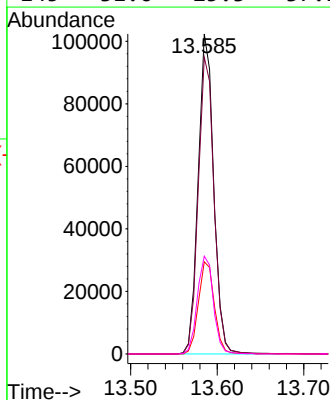
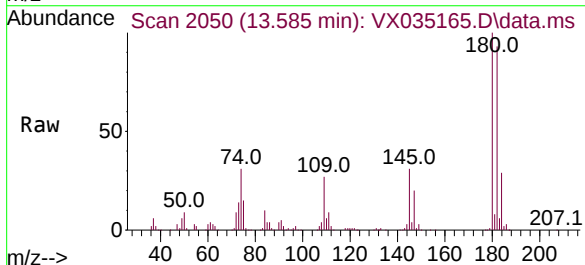
Instrument :
MSVOA_X
ClientSampleId :

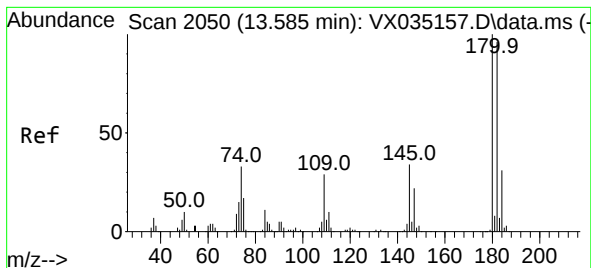
Tgt Ion: 75 Resp: 1038
Ion Ratio Lower Upper
75 100
155 0.0 69.9 104.9#
157 0.0 90.4 135.6#



#69
1,3,5-Trichlorobenzene
Concen: 33.816 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.476 min
Lab File: VX035165.D
Acq: 19 Apr 2023 13:33

Tgt Ion:180 Resp: 127374
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.0
184 29.6 23.8 35.8
145 31.6 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 36.114 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

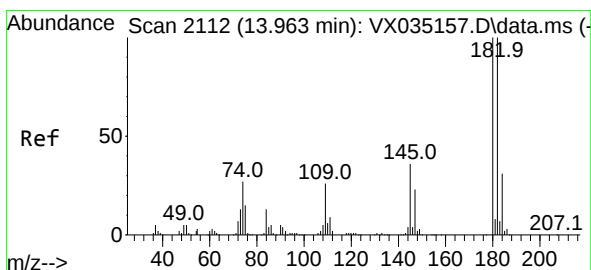
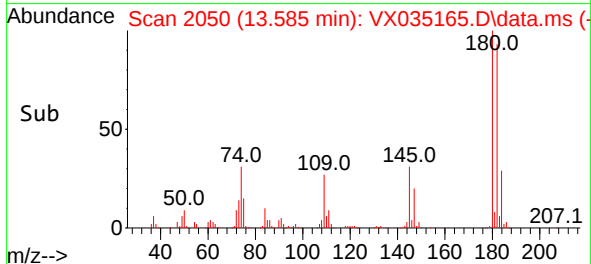
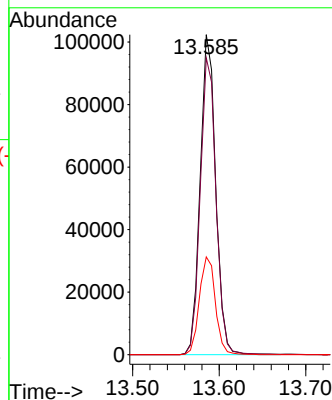
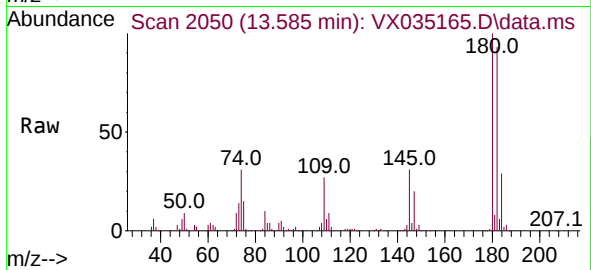
Tgt Ion:180 Resp: 127374

Ion Ratio Lower Upper

180 100

182 94.1 76.6 114.8

145 31.6 26.2 39.4



#72

1,2,3-Trichlorobenzene

Concen: 9.202 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035165.D

Acq: 19 Apr 2023 13:33

Tgt Ion:180 Resp: 32040

Ion Ratio Lower Upper

180 100

182 95.4 75.0 112.6

145 33.0 27.1 40.7

