

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035166.D
 Acq On : 19 Apr 2023 13:56
 Operator : JC/MD
 Sample : 02397-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 02:55:30 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)

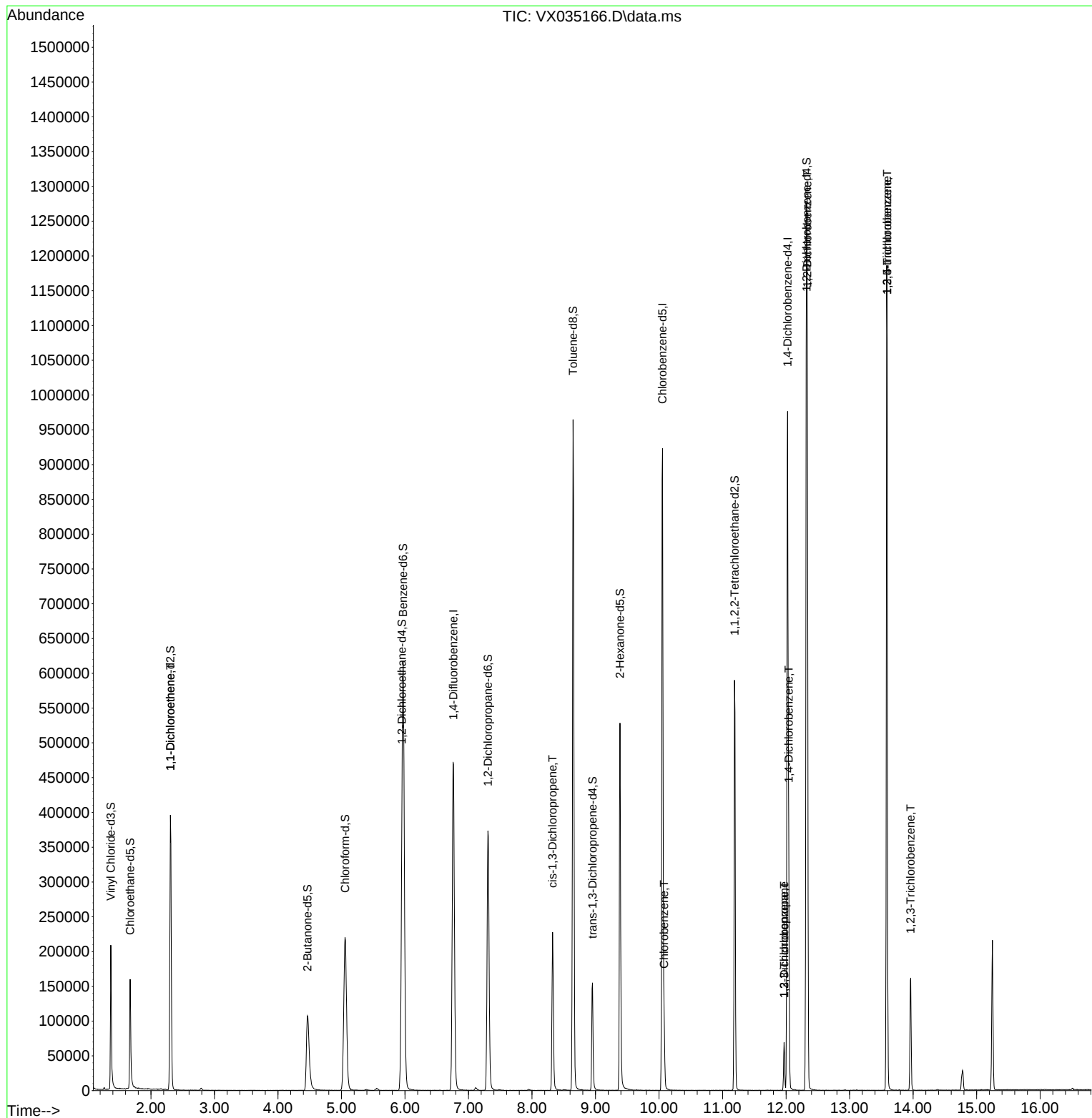
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	495047	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	432418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	201092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	140652	44.063	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.672	69	111592	48.380	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.760%
11) 1,1-Dichloroethene-d2	2.306	65	71003	46.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.980%
21) 2-Butanone-d5	4.465	46	215802	101.450	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.450%
24) Chloroform-d	5.056	84	287504	47.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
26) 1,2-Dichloroethane-d4	5.952	65	192322	49.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.970	84	627549	50.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.040%
36) 1,2-Dichloropropane-d6	7.306	67	192910	50.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	8.647	98	556772	49.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	8.952	79	73467	44.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.600%
47) 2-Hexanone-d5	9.384	63	150450	98.738	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	230058	49.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	200969	51.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.140%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1776	0.600	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	4769	0.925	ug/L #	43
51) Chlorobenzene	10.079	112	40064	4.476	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	6376	1.717	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	21904	3.512	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	108112	16.942	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	293470	46.411	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	276845	71.808	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	276845	76.688	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	40139	11.263	ug/L	99

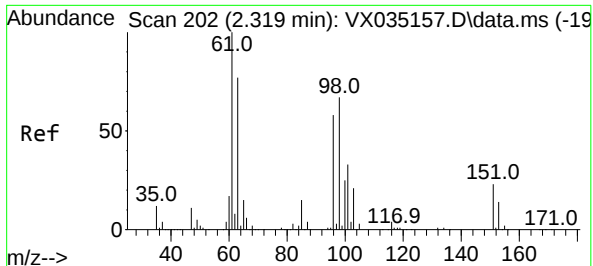
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.600 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

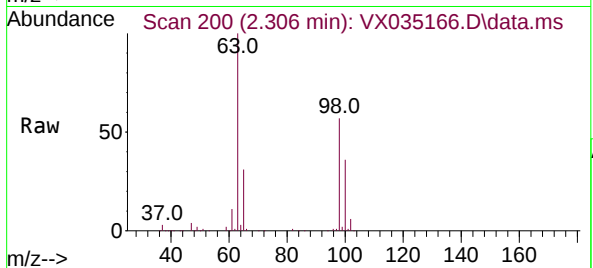
Lab File: VX035166.D

Acq: 19 Apr 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :



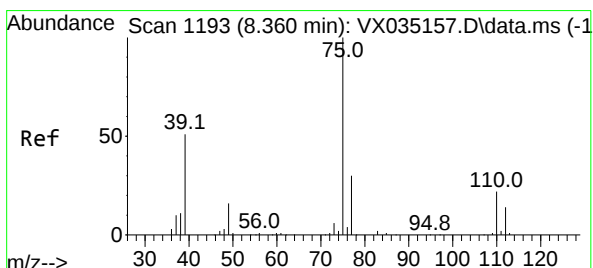
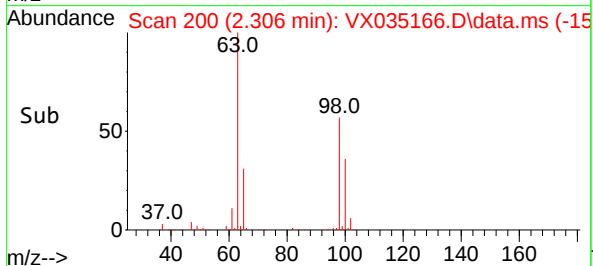
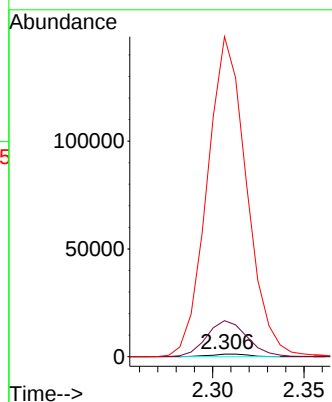
Tgt Ion: 96 Resp: 1776

Ion Ratio Lower Upper

96 100

61 1354.1 119.0 221.0#

63 12042.2 91.0 169.0#



#39

cis-1,3-Dichloropropene

Concen: 0.925 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX035166.D

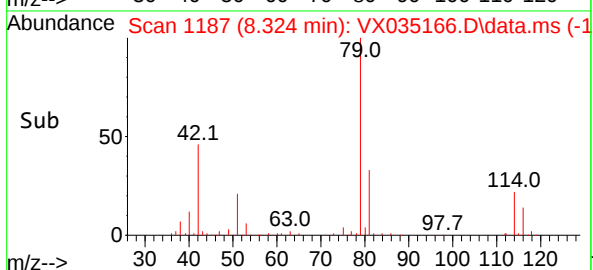
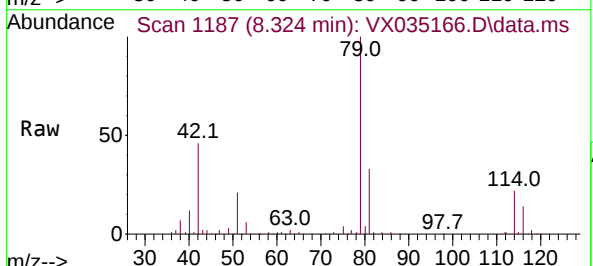
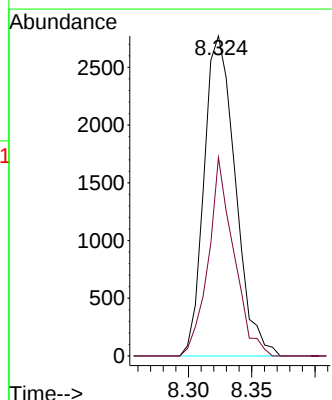
Acq: 19 Apr 2023 13:56

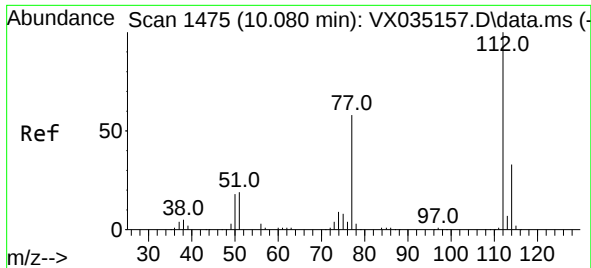
Tgt Ion: 75 Resp: 4769

Ion Ratio Lower Upper

75 100

77 62.0 21.4 39.8#

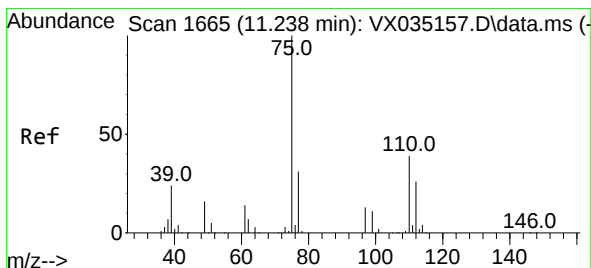
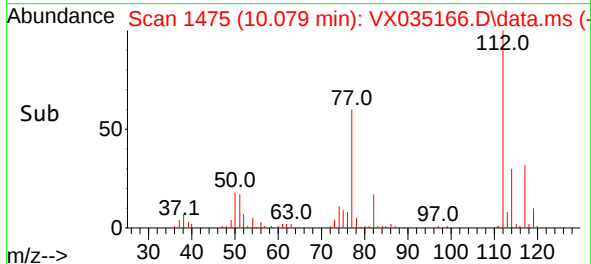
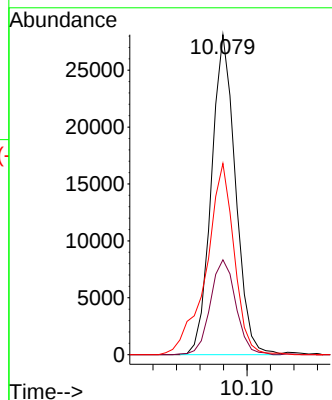
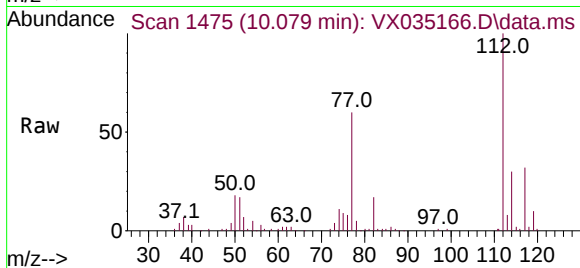




#51
Chlorobenzene
Concen: 4.476 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

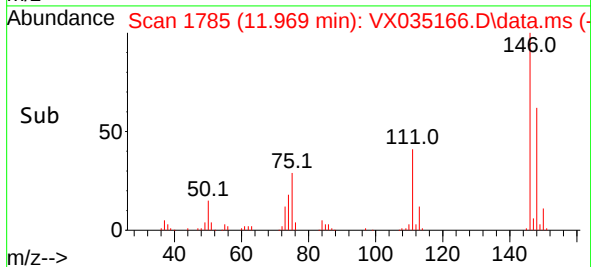
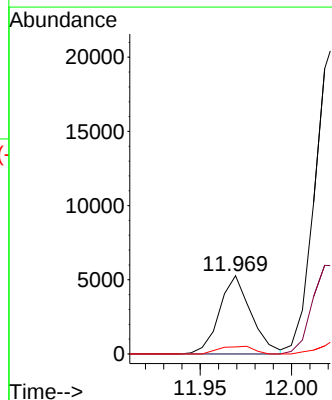
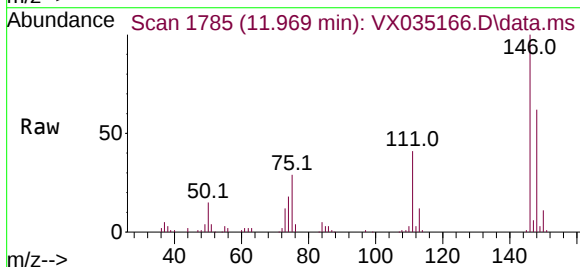
Instrument :
MSVOA_X
ClientSampleId :

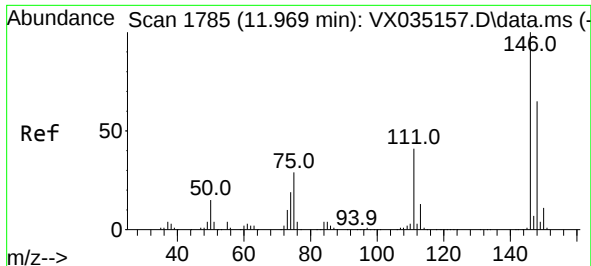
Tgt Ion:112 Resp: 40064
Ion Ratio Lower Upper
112 100
114 29.6 22.4 41.6
77 59.8 47.0 70.6



#61
1,2,3-Trichloropropane
Concen: 1.717 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

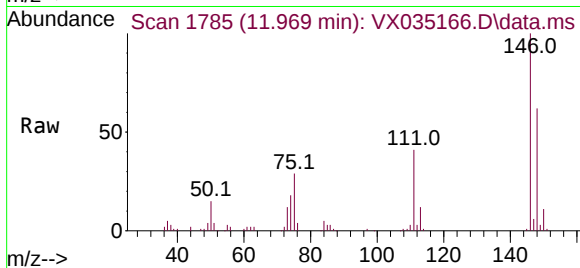
Tgt Ion: 75 Resp: 6376
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 10.6 32.5 48.7#



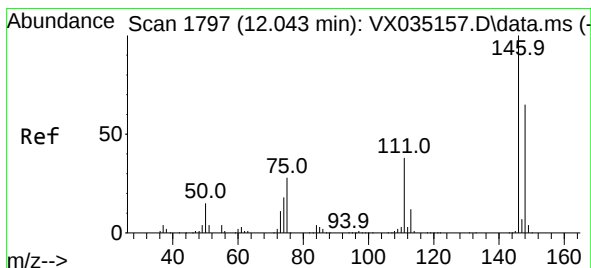
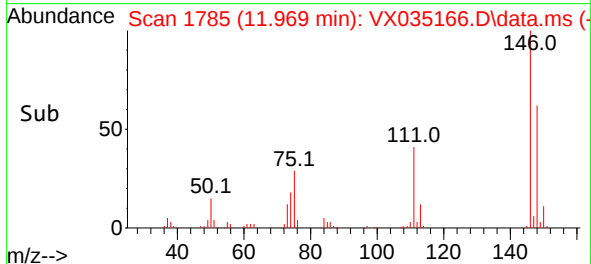
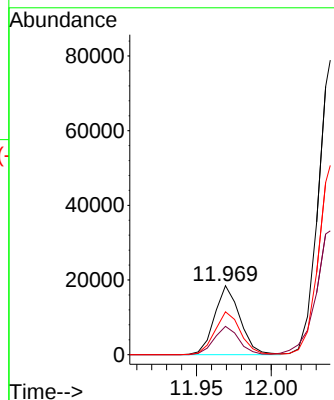


#64
1,3-Dichlorobenzene
Concen: 3.512 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

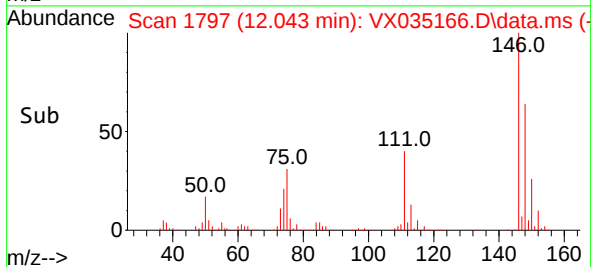
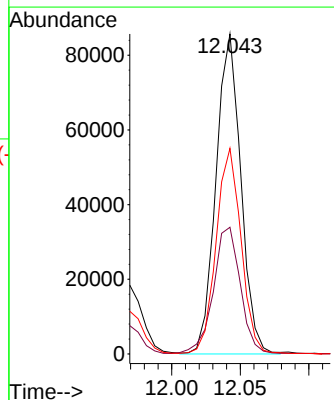
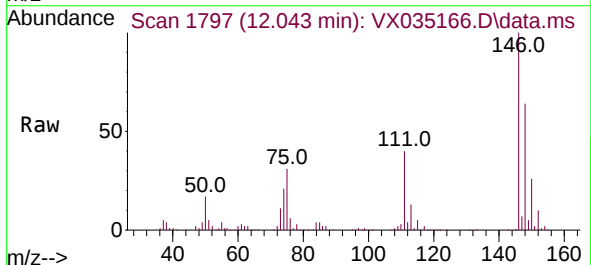


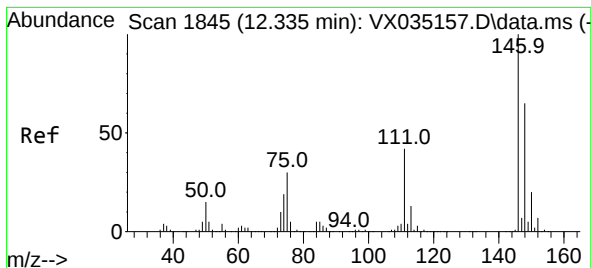
Tgt Ion:146 Resp: 21904
Ion Ratio Lower Upper
146 100
111 41.2 28.9 53.7
148 62.2 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 16.942 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

Tgt Ion:146 Resp: 108112
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 64.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 46.411 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035166.D

Acq: 19 Apr 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

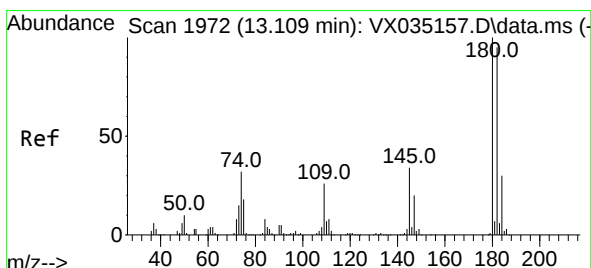
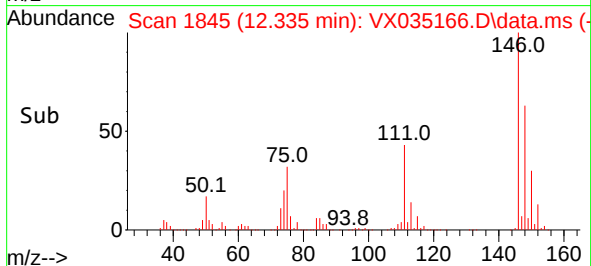
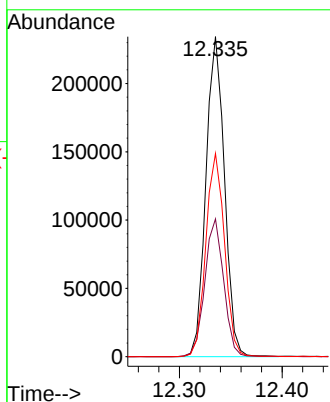
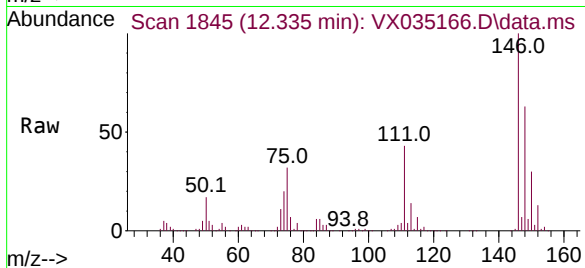
Tgt Ion:146 Resp: 293470

Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 63.5 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 71.808 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035166.D

Acq: 19 Apr 2023 13:56

Tgt Ion:180 Resp: 276845

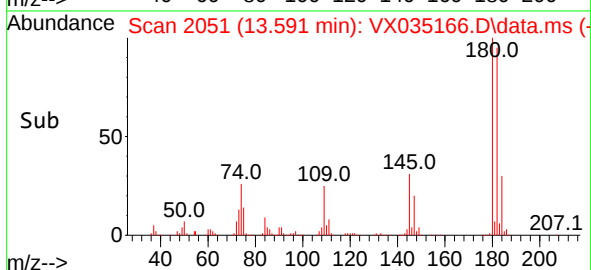
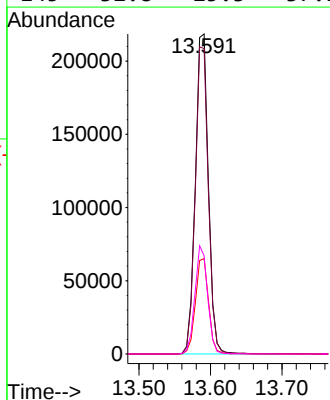
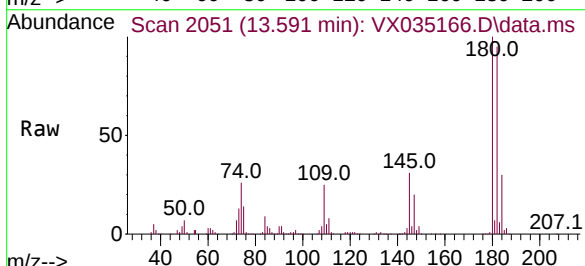
Ion Ratio Lower Upper

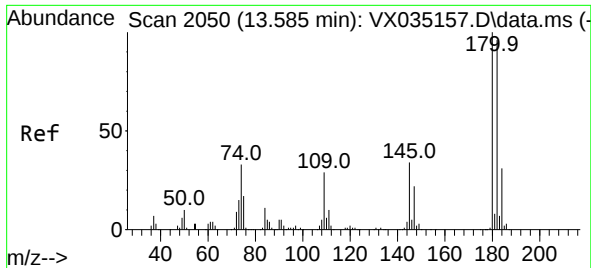
180 100

182 95.8 75.4 113.0

184 29.8 23.8 35.8

145 32.8 25.3 37.9

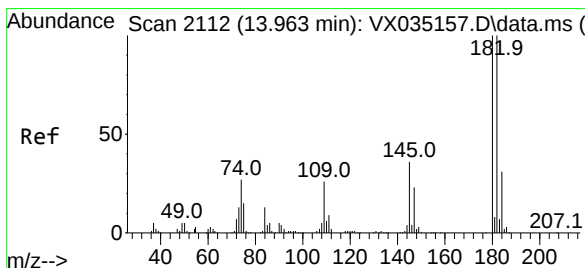
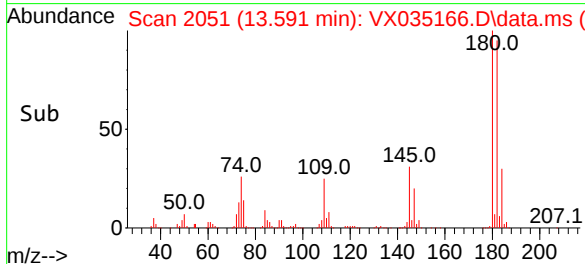
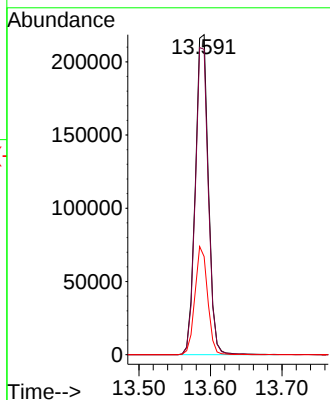
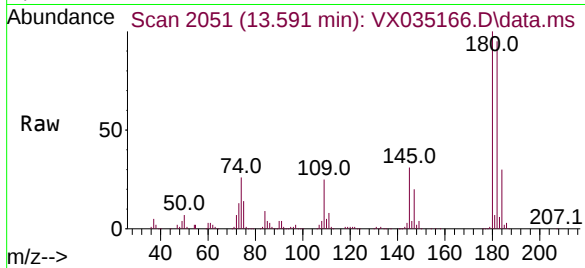




#70
1,2,4-trichlorobenzene
Concen: 76.688 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 276845
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 32.8 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 11.263 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035166.D
Acq: 19 Apr 2023 13:56

Tgt Ion:180 Resp: 40139
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
145 34.0 27.1 40.7

