

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035192.D
 Acq On : 20 Apr 2023 00:21
 Operator : JC/MD
 Sample : 02378-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

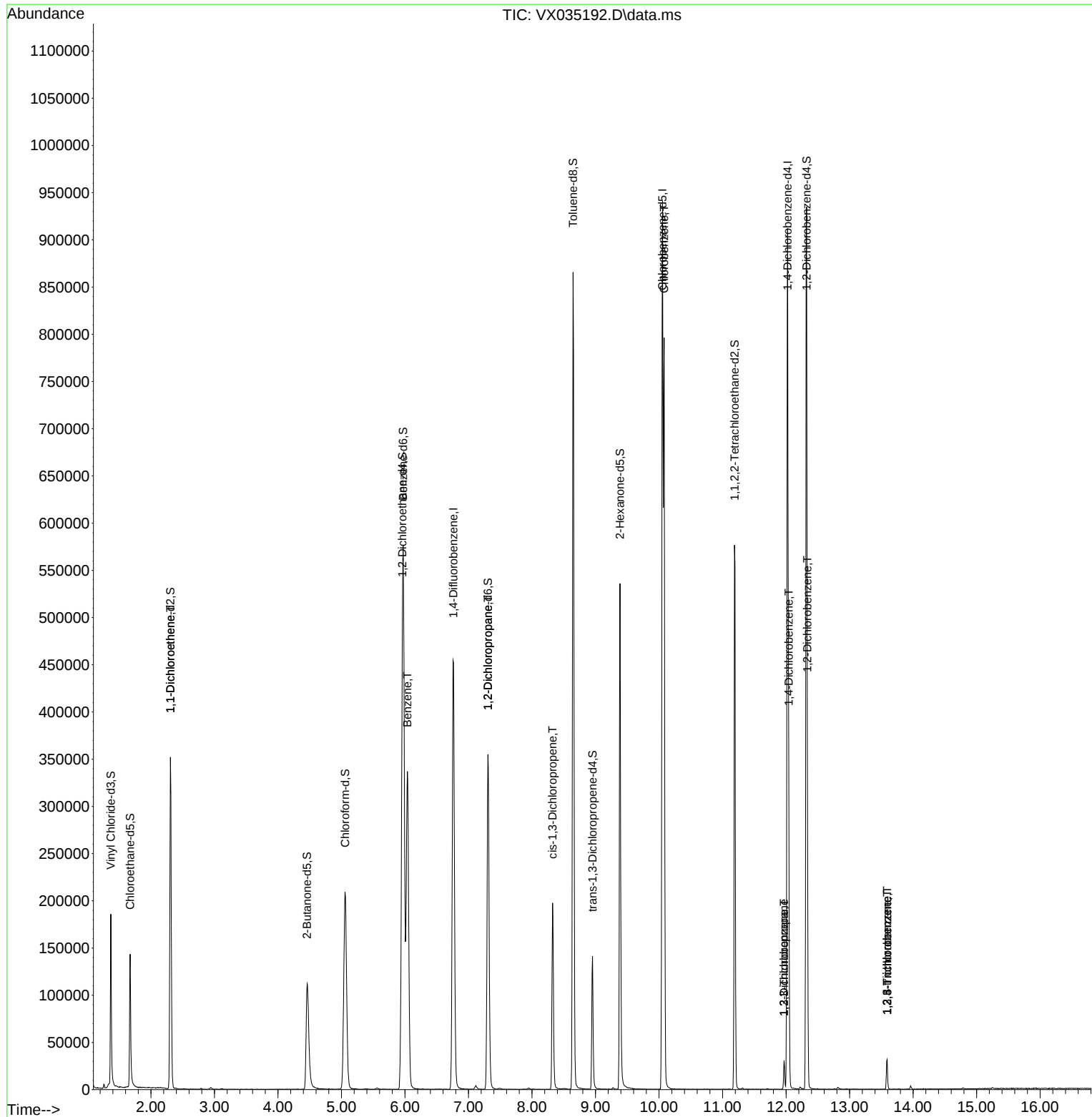
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	472928	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	412017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	183923	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	121264	39.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.540%
7) Chloroethane-d5	1.672	69	98032	44.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.980%
11) 1,1-Dichloroethene-d2	2.306	65	61993	42.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.980%
21) 2-Butanone-d5	4.458	46	212594	104.616	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.620%
24) Chloroform-d	5.056	84	272694	47.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
26) 1,2-Dichloroethane-d4	5.958	65	184860	50.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
32) Benzene-d6	5.970	84	582552	49.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	7.306	67	183078	50.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.280%
41) Toluene-d8	8.647	98	512633	47.392	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.780%
43) trans-1,3-Dichloroprop...	8.952	79	66143	41.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.720%
47) 2-Hexanone-d5	9.384	63	147937	101.896	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.900%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	227057	51.282	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	183879	51.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.180%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1606	0.568	ug/L #	1
33) Benzene	6.037	78	416998	33.420	ug/L	100
37) 1,2-Dichloropropane	7.306	63	20260	6.167	ug/L #	87
39) cis-1,3-Dichloropropene	8.324	75	4546	0.926	ug/L #	72
51) Chlorobenzene	10.079	112	332505	38.987	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	3025	0.891	ug/L #	46
64) 1,3-Dichlorobenzene	11.969	146	9857	1.728	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	100386	17.200	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	75917	13.127	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	7922	2.247	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	7922	2.399	ug/L	98
72) 1,2,3-Trichlorobenzene	13.591	180	7616	2.337	ug/L	96

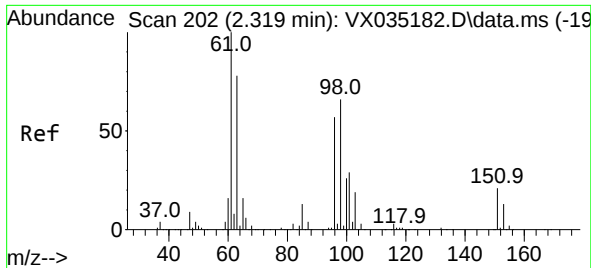
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

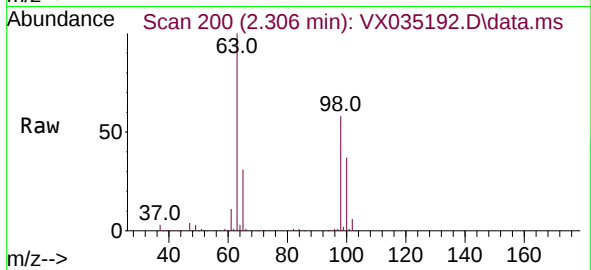
Quant Time: Apr 20 05:09:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration



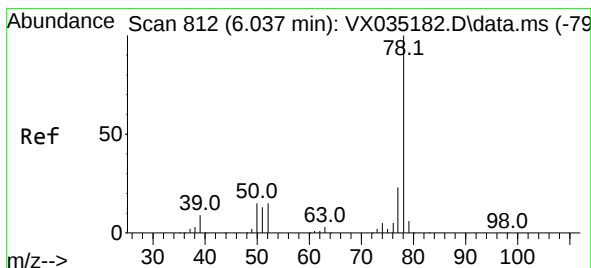
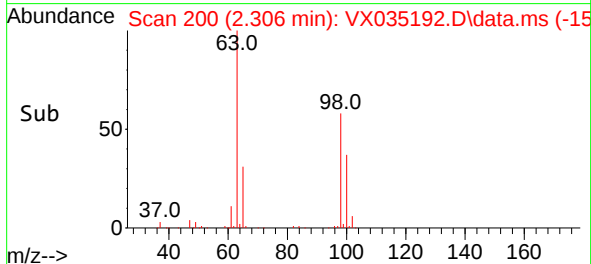
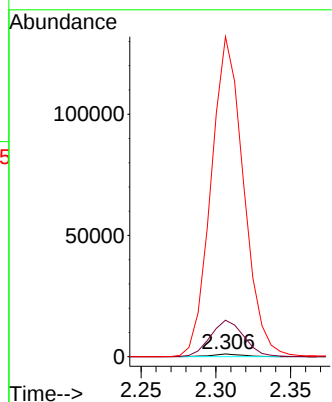


#12
1,1-Dichloroethene
Concen: 0.568 ug/L
RT: 2.306 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21

Instrument :
MSVOA_X
ClientSampleId :

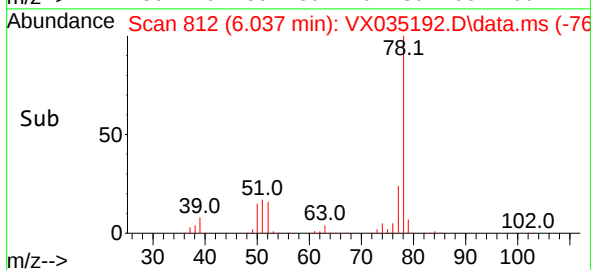
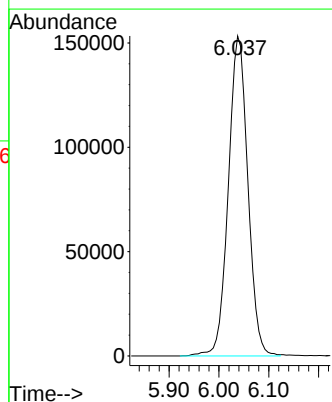
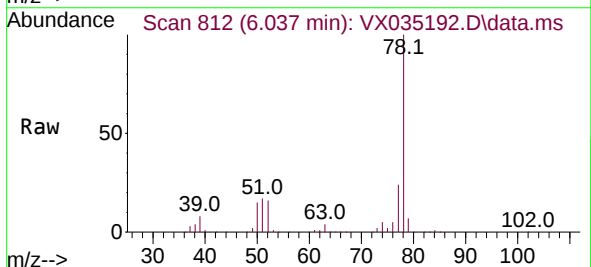


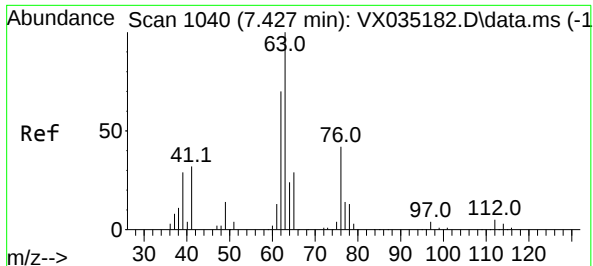
Tgt Ion: 96 Resp: 1606
Ion Ratio Lower Upper
96 100
61 1368.9 119.0 221.0#
63 12018.9 91.0 169.0#



#33
Benzene
Concen: 33.420 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21

Tgt Ion: 78 Resp: 416998





#37

1,2-Dichloropropane

Concen: 6.167 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX035192.D

Acq: 20 Apr 2023 00:21

Instrument :

MSVOA_X

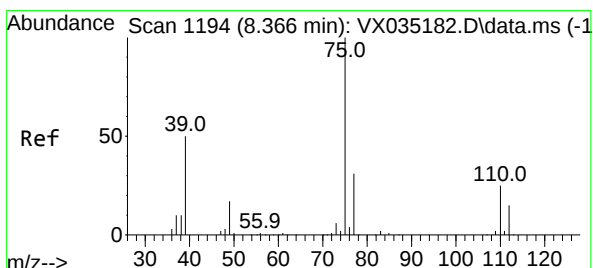
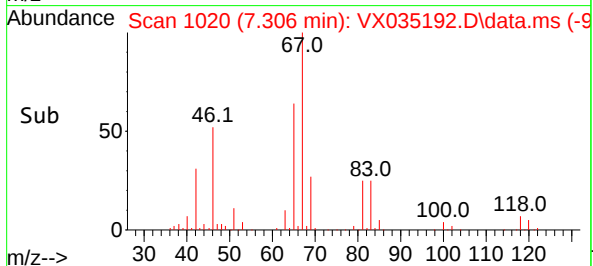
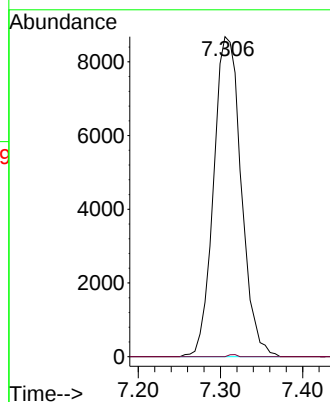
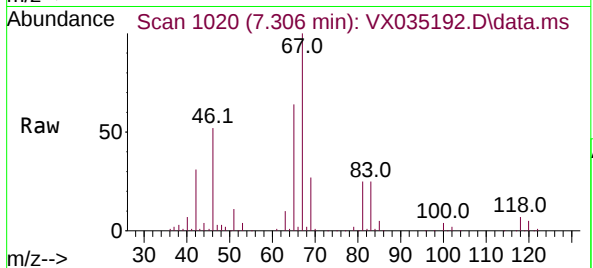
ClientSampleId :

Tgt Ion: 63 Resp: 20260

Ion Ratio Lower Upper

63 100

112 0.2 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX035192.D

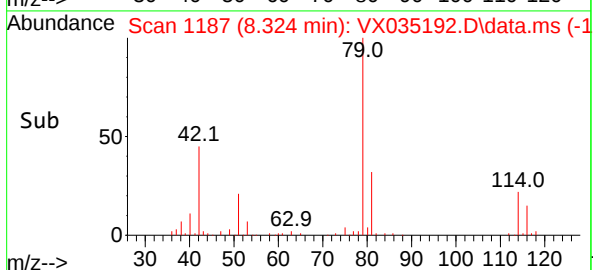
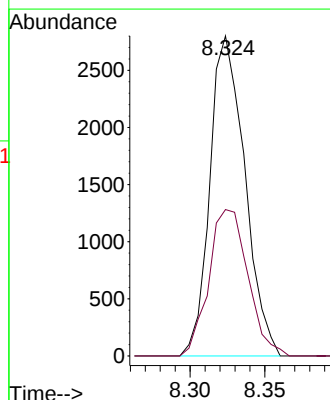
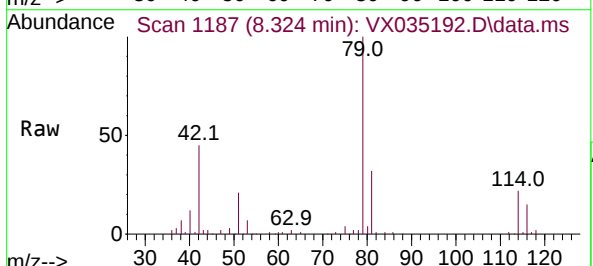
Acq: 20 Apr 2023 00:21

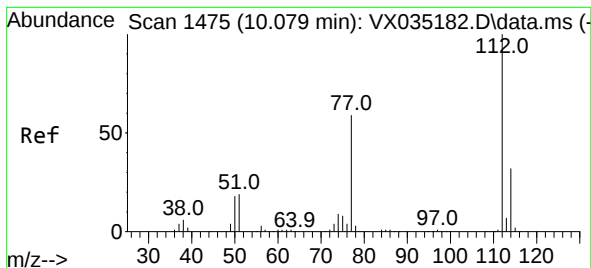
Tgt Ion: 75 Resp: 4546

Ion Ratio Lower Upper

75 100

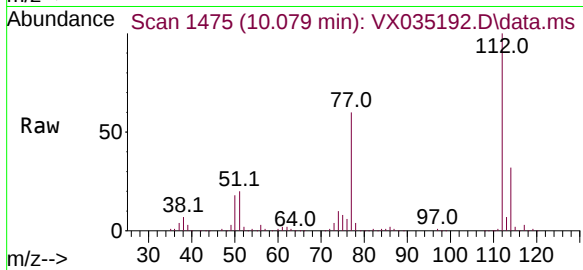
77 45.7 21.4 39.8#



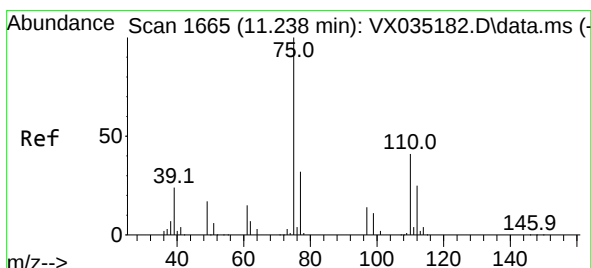
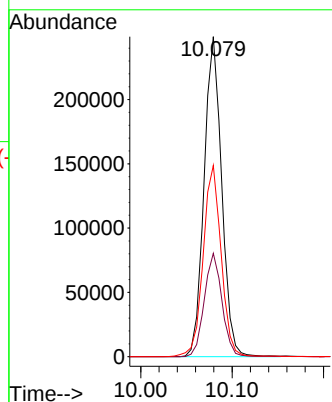
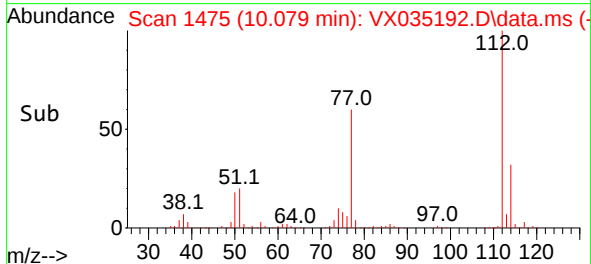


#51
Chlorobenzene
Concen: 38.987 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21

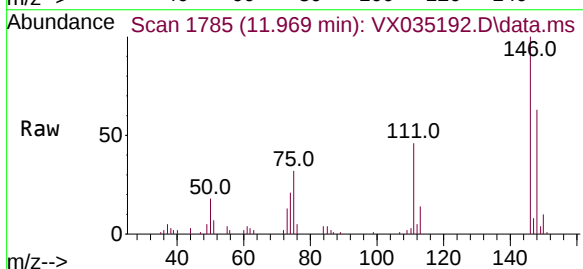
Instrument :
MSVOA_X
ClientSampleId :



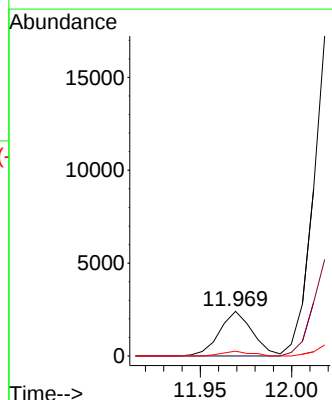
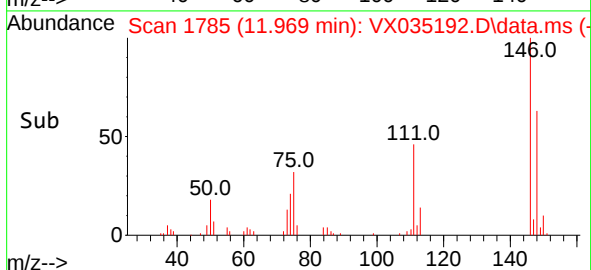
Tgt Ion:112 Resp: 332505
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 59.8 47.0 70.6

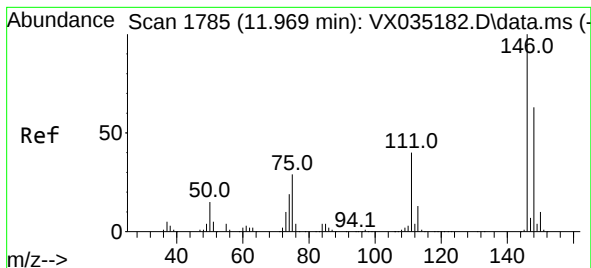


#61
1,2,3-Trichloropropane
Concen: 0.891 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21



Tgt Ion: 75 Resp: 3025
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 9.2 32.5 48.7#





#64

1,3-Dichlorobenzene

Concen: 1.728 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035192.D

Acq: 20 Apr 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

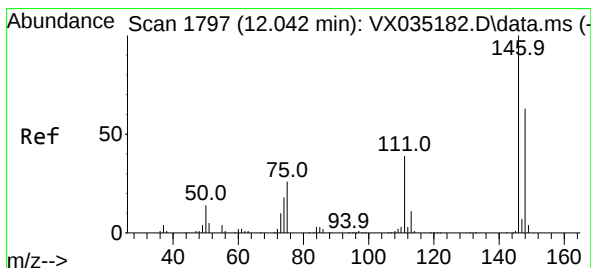
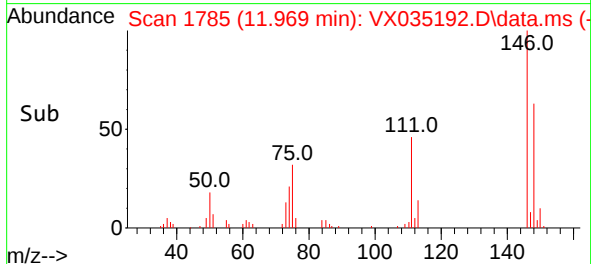
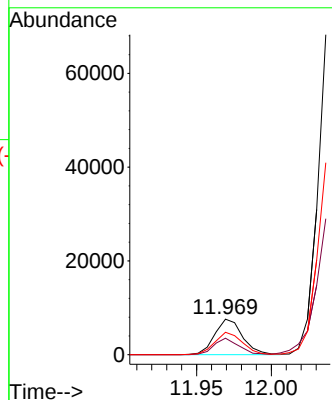
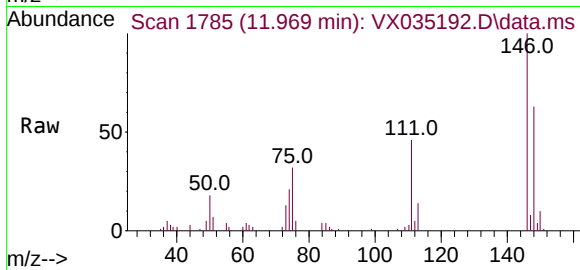
Tgt Ion:146 Resp: 9857

Ion Ratio Lower Upper

146 100

111 46.4 28.9 53.7

148 63.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 17.200 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035192.D

Acq: 20 Apr 2023 00:21

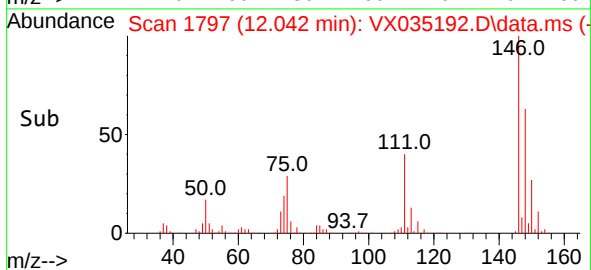
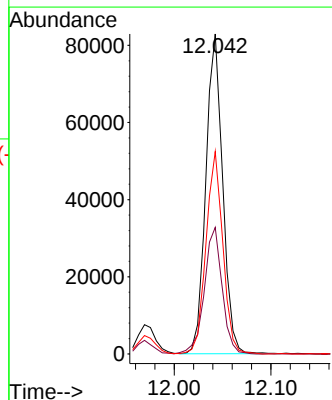
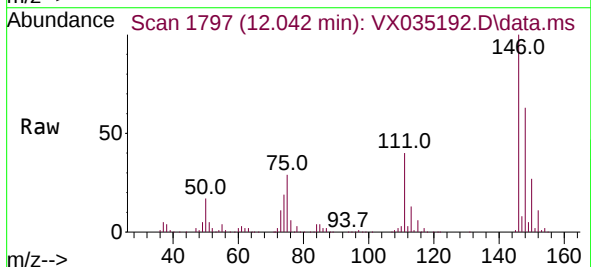
Tgt Ion:146 Resp: 100386

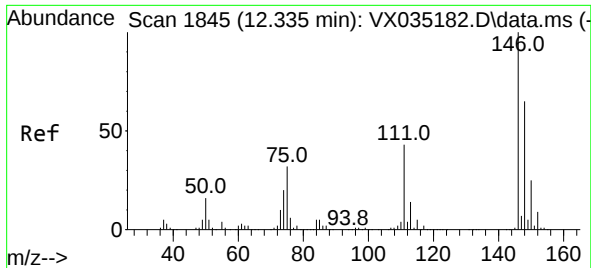
Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.7

148 63.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 13.127 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035192.D

Acq: 20 Apr 2023 00:21

Instrument :

MSVOA_X

ClientSampleId :

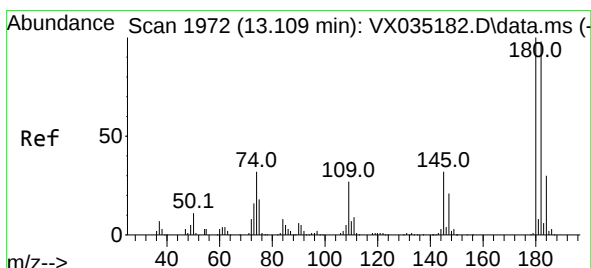
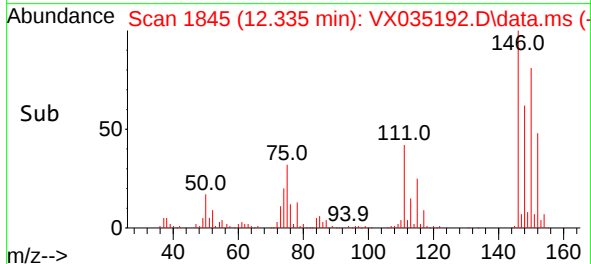
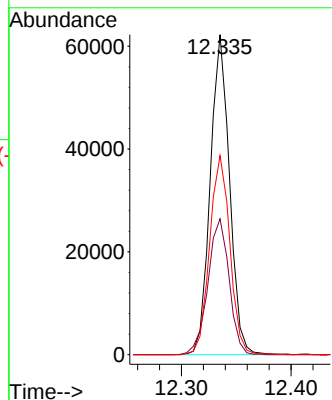
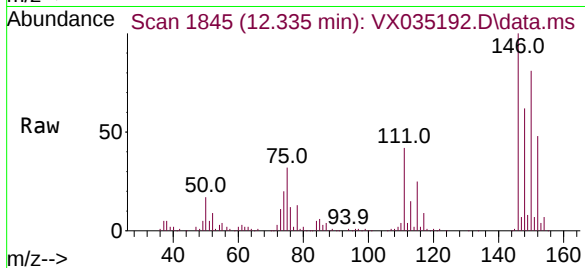
Tgt Ion:146 Resp: 75917

Ion Ratio Lower Upper

146 100

111 42.5 34.7 52.1

148 62.2 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 2.247 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035192.D

Acq: 20 Apr 2023 00:21

Tgt Ion:180 Resp: 7922

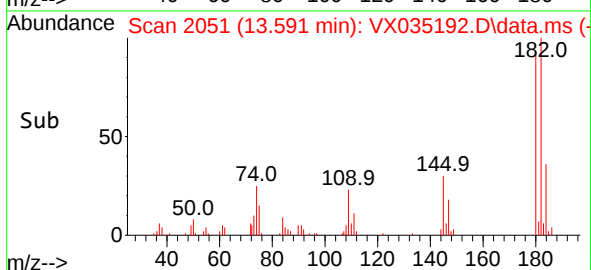
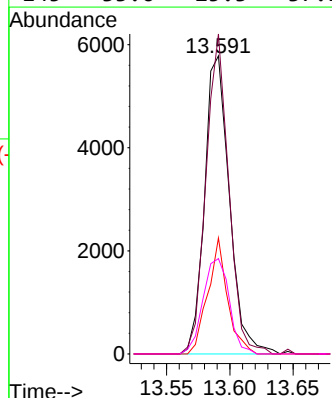
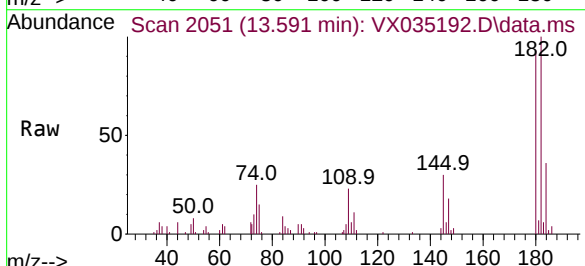
Ion Ratio Lower Upper

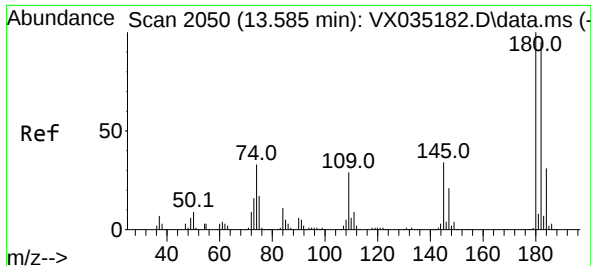
180 100

182 98.0 75.4 113.0

184 30.9 23.8 35.8

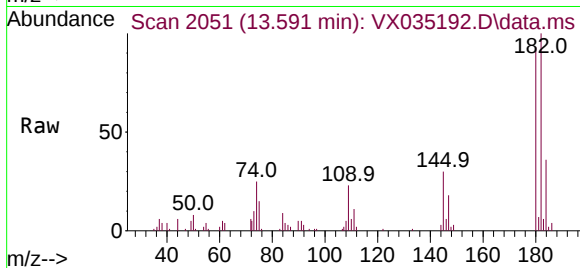
145 33.6 25.3 37.9



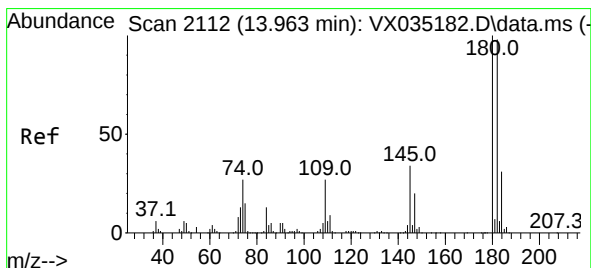
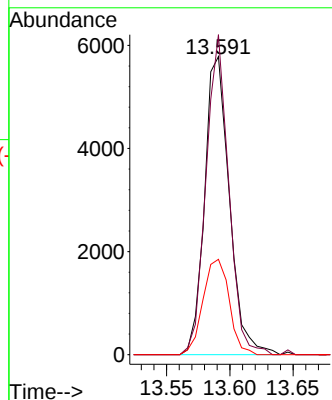
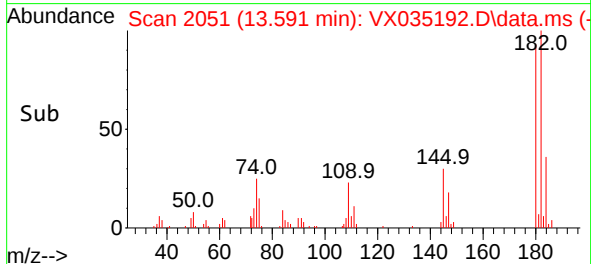


#70
1,2,4-trichlorobenzene
Concen: 2.399 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21

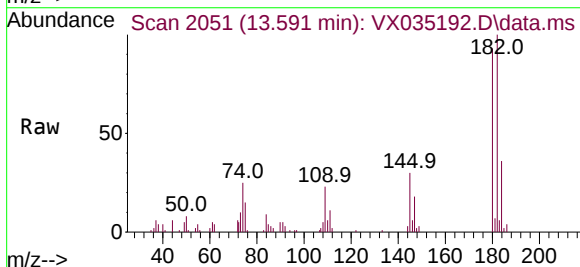
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 7922
Ion Ratio Lower Upper
180 100
182 98.0 76.6 114.8
145 33.6 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 2.337 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.372 min
Lab File: VX035192.D
Acq: 20 Apr 2023 00:21



Tgt Ion:180 Resp: 7616
Ion Ratio Lower Upper
180 100
182 98.5 75.0 112.6
145 32.9 27.1 40.7

