

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035198.D
 Acq On : 20 Apr 2023 02:39
 Operator : JC/MD
 Sample : 02378-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:11:02 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)

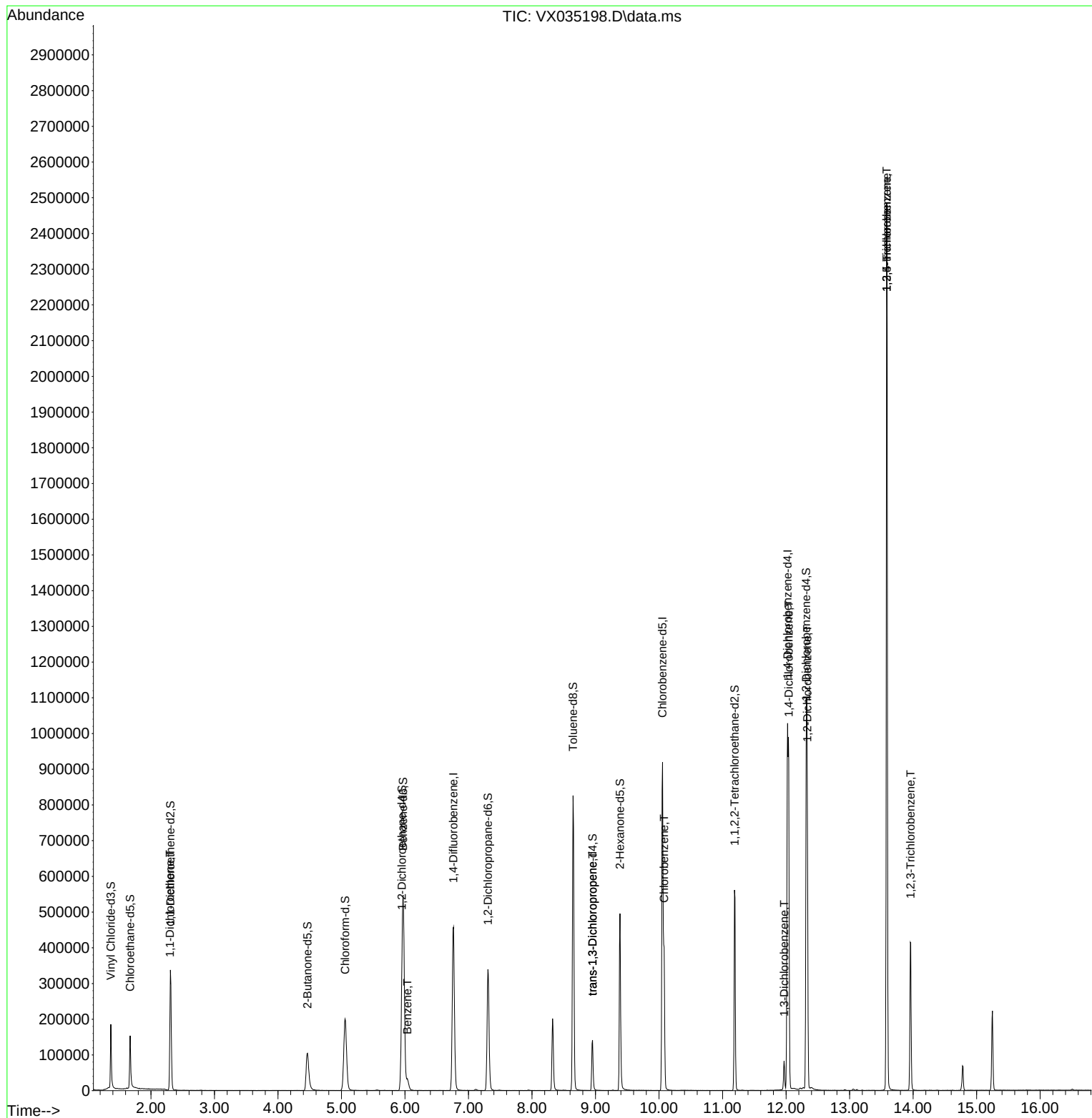
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	479877	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	416629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198458	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	121768	39.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.700%
7) Chloroethane-d5	1.673	69	100115	44.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	2.307	65	58778	39.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.400%
21) 2-Butanone-d5	4.465	46	201372	97.659	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.660%
24) Chloroform-d	5.056	84	260990	44.789	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.580%
26) 1,2-Dichloroethane-d4	5.952	65	175046	46.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
32) Benzene-d6	5.971	84	554371	46.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
36) 1,2-Dichloropropane-d6	7.306	67	172237	47.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.220%
41) Toluene-d8	8.647	98	487569	44.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	8.952	79	69602	43.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
47) 2-Hexanone-d5	9.385	63	145272	98.953	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.950%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	218412	48.783	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.560%
66) 1,2-Dichlorobenzene-d4	12.317	152	180712	46.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.980%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.300	96	1557	0.543	ug/L #	1
33) Benzene	6.038	78	33958	2.691	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	3131	0.700	ug/L #	79
51) Chlorobenzene	10.080	112	170677	19.791	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	27029	4.392	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	284108	45.112	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	230277	36.901	ug/L	100
69) 1,3,5-Trichlorobenzene	13.585	180	582804	153.174	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	582804	163.584	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	105594	30.023	ug/L	98

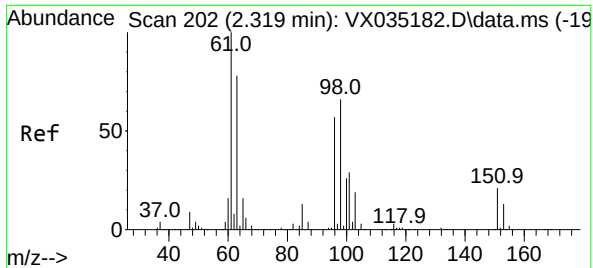
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration

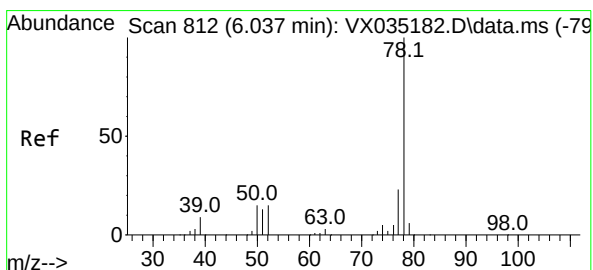
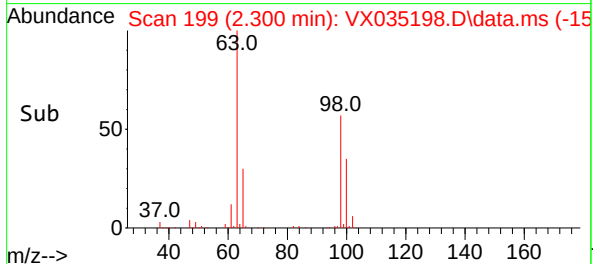
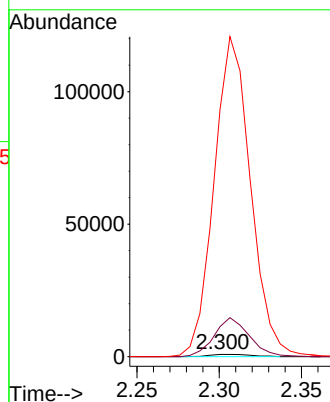
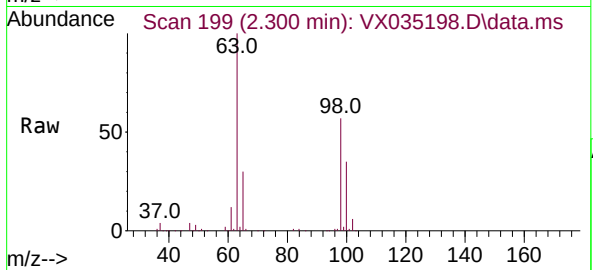




#12
1,1-Dichloroethene
Concen: 0.543 ug/L
RT: 2.300 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

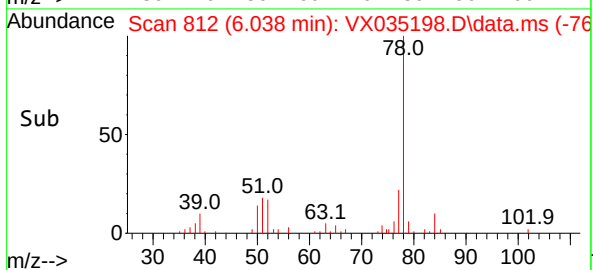
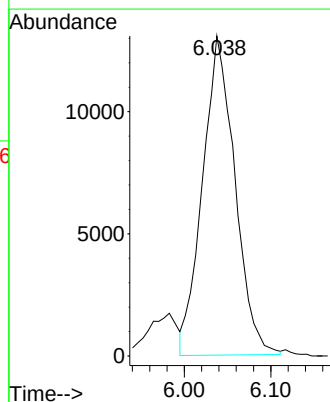
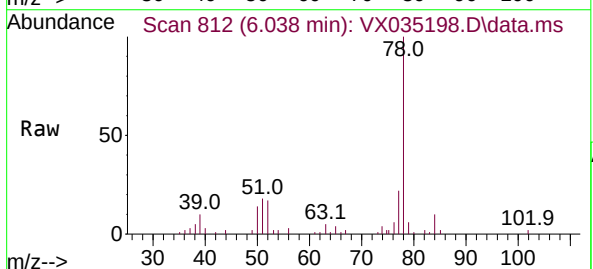
Instrument :
MSVOA_X
ClientSampleId :

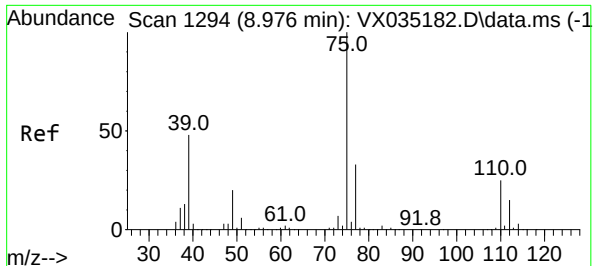
Tgt Ion: 96 Resp: 1557
Ion Ratio Lower Upper
96 100
61 1332.6 119.0 221.0#
63 10954.0 91.0 169.0#



#33
Benzene
Concen: 2.691 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

Tgt Ion: 78 Resp: 33958

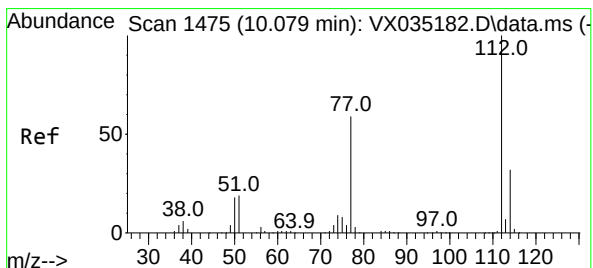
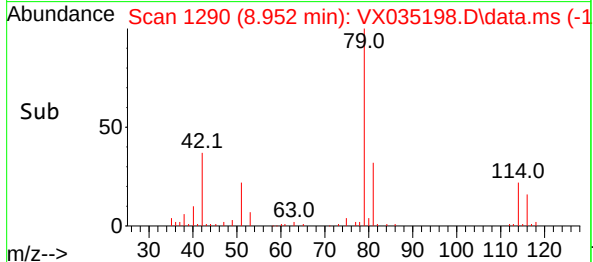
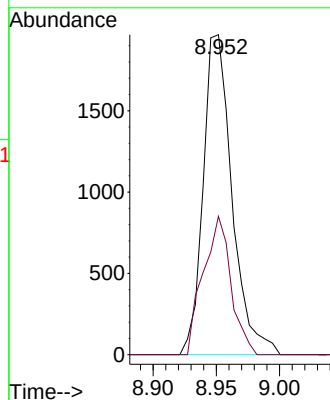
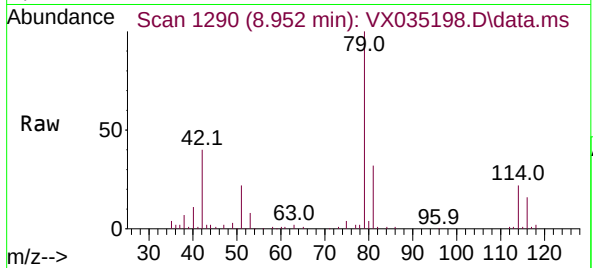




#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

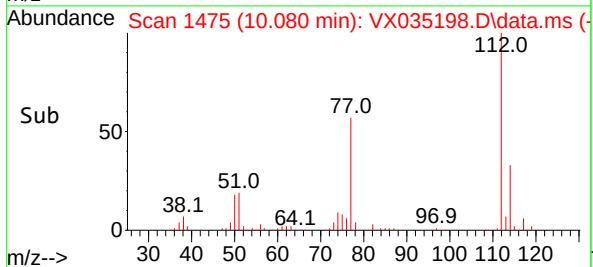
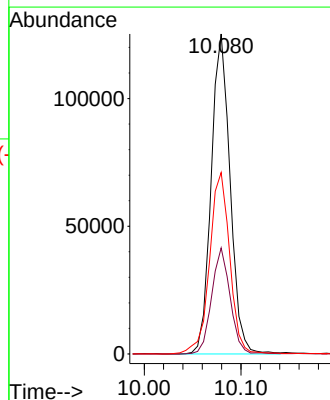
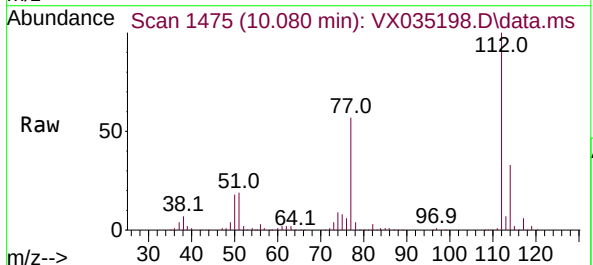
Instrument :
MSVOA_X
ClientSampleId :

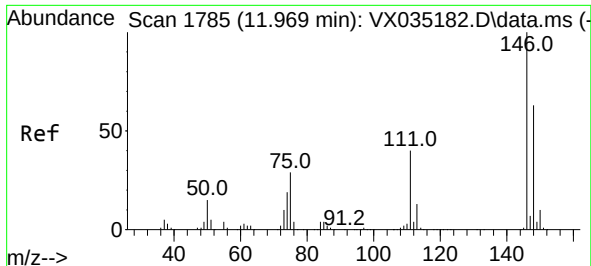
Tgt Ion: 75 Resp: 3131
Ion Ratio Lower Upper
75 100
77 43.2 22.0 40.8#



#51
Chlorobenzene
Concen: 19.791 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

Tgt Ion: 112 Resp: 170677
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 56.7 47.0 70.6

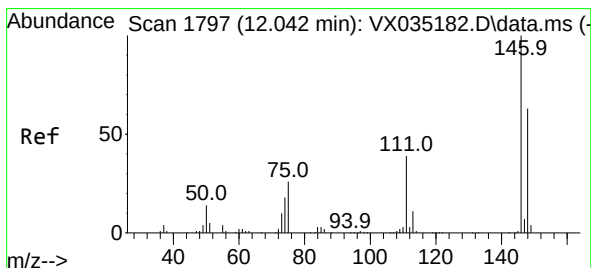
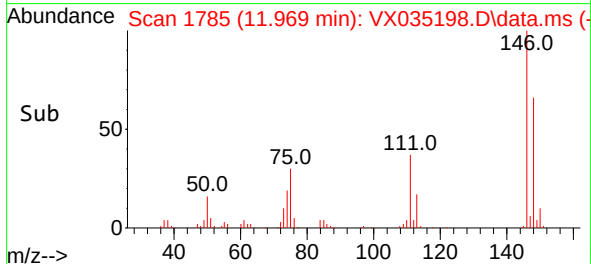
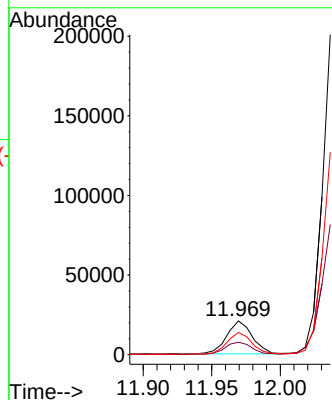
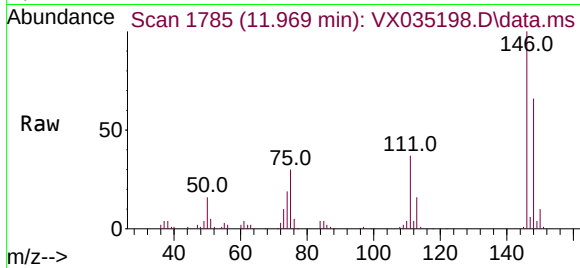




#64
1,3-Dichlorobenzene
Concen: 4.392 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

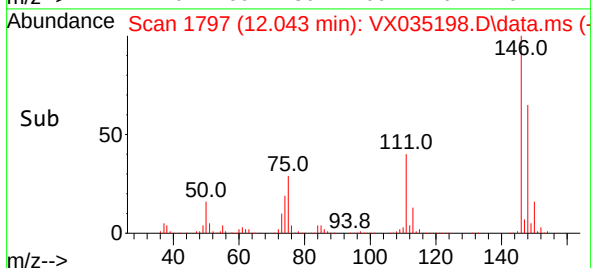
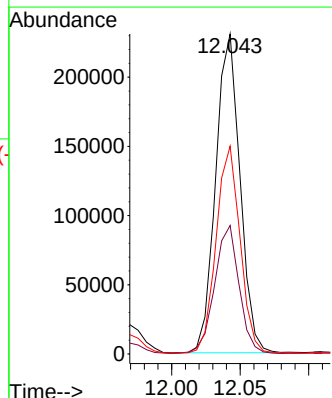
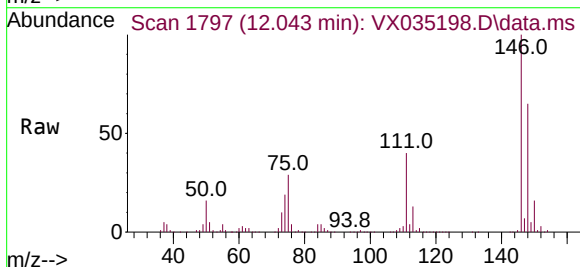
Instrument :
MSVOA_X
ClientSampleId :

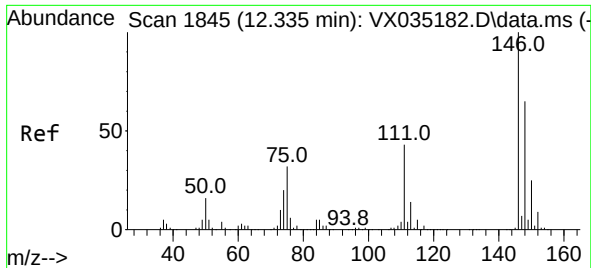
Tgt Ion:146 Resp: 27029
Ion Ratio Lower Upper
146 100
111 37.2 28.9 53.7
148 65.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 45.112 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

Tgt Ion:146 Resp: 284108
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.7
148 64.9 45.9 85.3

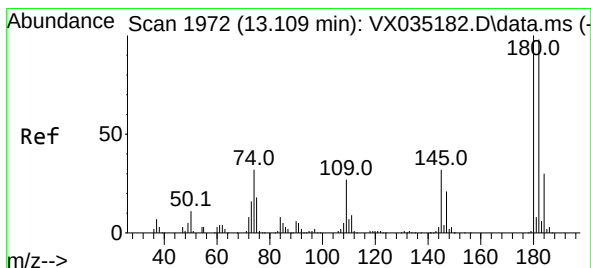
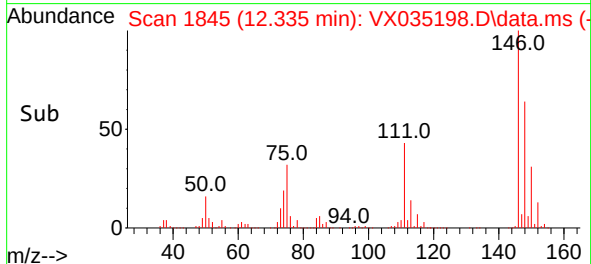
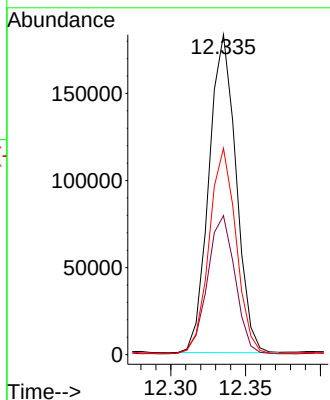
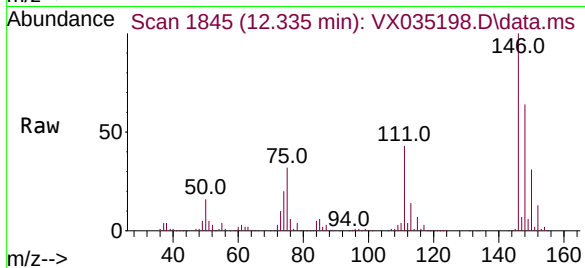




#67
1,2-Dichlorobenzene
Concen: 36.901 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

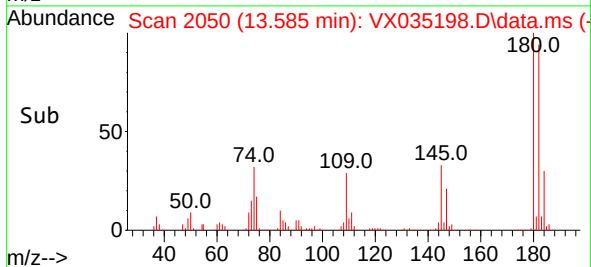
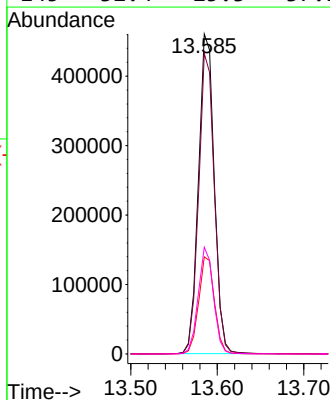
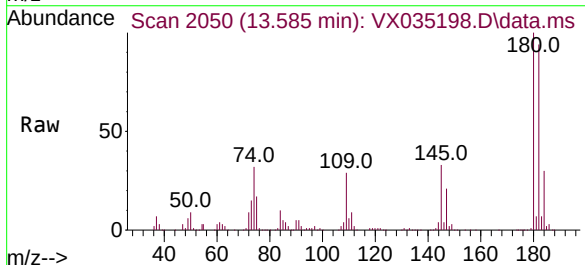
Instrument :
MSVOA_X
ClientSampleId :

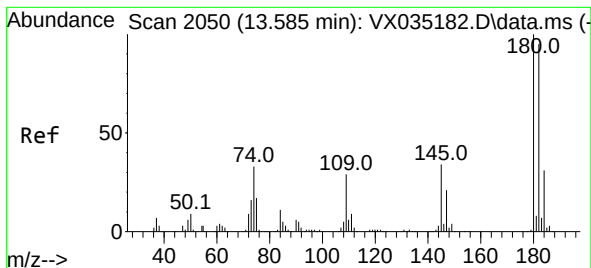
Tgt Ion:146 Resp: 230277
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 64.5 52.1 78.1



#69
1,3,5-Trichlorobenzene
Concen: 153.174 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.476 min
Lab File: VX035198.D
Acq: 20 Apr 2023 02:39

Tgt Ion:180 Resp: 582804
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.0
184 30.3 23.8 35.8
145 32.4 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 163.584 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

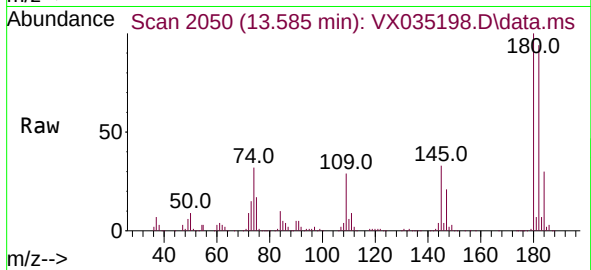
Lab File: VX035198.D

Acq: 20 Apr 2023 02:39

Instrument :

MSVOA_X

ClientSampleId :



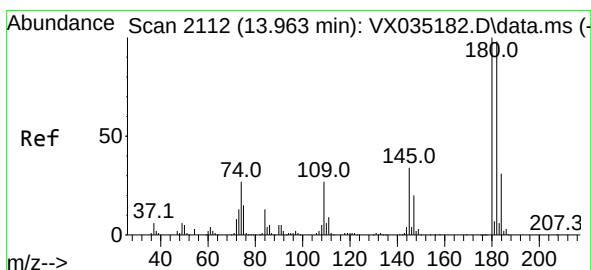
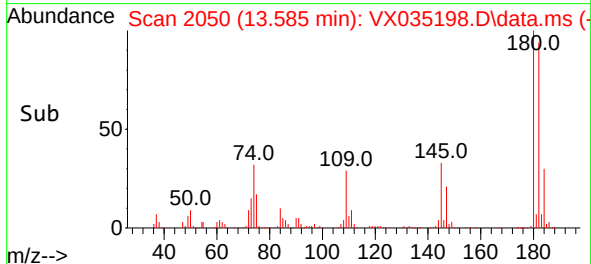
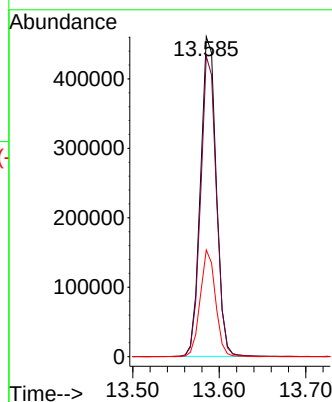
Tgt Ion:180 Resp: 582804

Ion Ratio Lower Upper

180 100

182 93.7 76.6 114.8

145 32.4 26.2 39.4



#72

1,2,3-Trichlorobenzene

Concen: 30.023 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035198.D

Acq: 20 Apr 2023 02:39

Tgt Ion:180 Resp: 105594

Ion Ratio Lower Upper

180 100

182 95.7 75.0 112.6

145 33.0 27.1 40.7

