

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041054.D
 Acq On : 13 Apr 2024 00:23
 Operator : JC/MD
 Sample : P2098-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 04:24:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:06:48 2024
 Response via : Initial Calibration

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

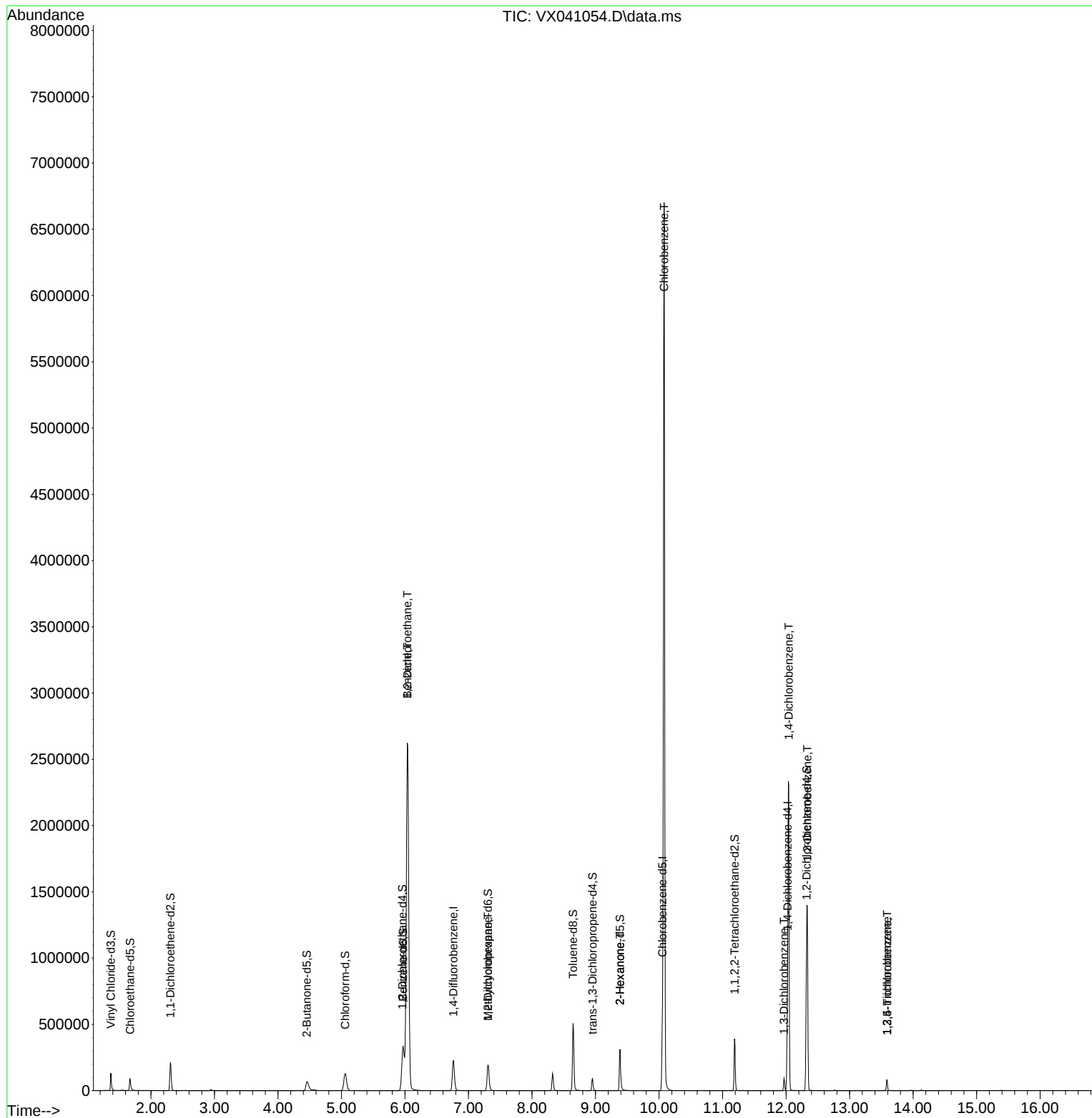
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	242826	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	232284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	127205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88653	51.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.660%
7) Chloroethane-d5	1.672	69	74926	53.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.380%
11) 1,1-Dichloroethene-d2	2.306	65	37331	50.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.260%
21) 2-Butanone-d5	4.452	46	119568	127.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.090%
24) Chloroform-d	5.056	84	167240	51.896	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.958	65	112307	53.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.160%
32) Benzene-d6	5.970	84	333452	52.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.760%
36) 1,2-Dichloropropane-d6	7.306	67	98830	53.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.480%
41) Toluene-d8	8.647	98	303769	49.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
43) trans-1,3-Dichloroprop...	8.952	79	43794	47.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.640%
47) 2-Hexanone-d5	9.384	63	84945	109.547	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.550%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144538	53.053	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	139529	54.680	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.360%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	6.037	62	28142	11.913	ug/L #	74
33) Benzene	6.037	78	3199119	530.832	ug/L	100
35) Methylcyclohexane	7.306	83	24671	10.062	ug/L #	19
48) 2-Hexanone	9.384	43	13006	6.853	ug/L #	76
51) Chlorobenzene	10.079	112	2943321	629.287	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	30472	7.809	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	802295	200.282	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	435279	114.990	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	23478	7.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	23478	8.291	ug/L	99

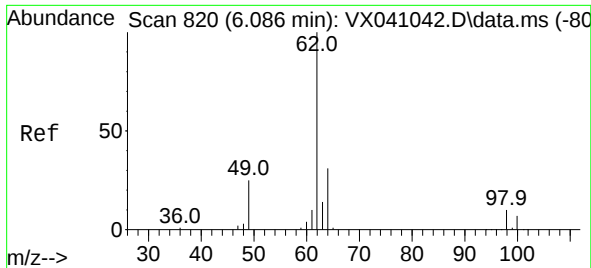
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 13 04:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:06:48 2024
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 11.913 ug/L

RT: 6.037 min Scan# 812

Delta R.T. -0.049 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Instrument :

MSVOA_X

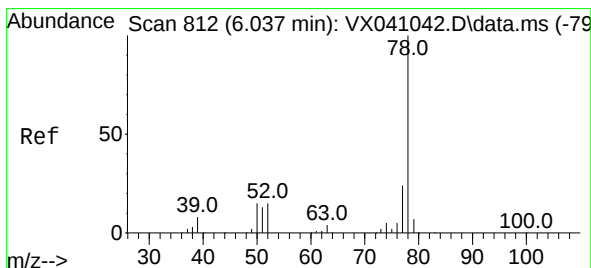
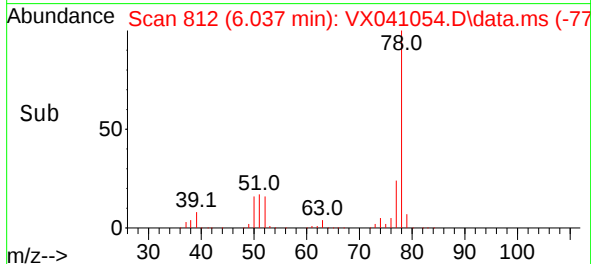
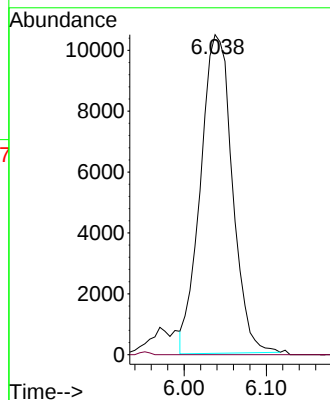
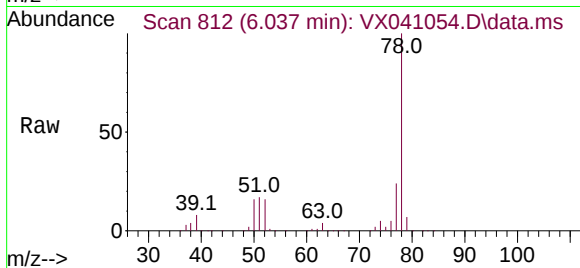
ClientSampleId :

Tgt Ion: 62 Resp: 28142

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#33

Benzene

Concen: 530.832 ug/L

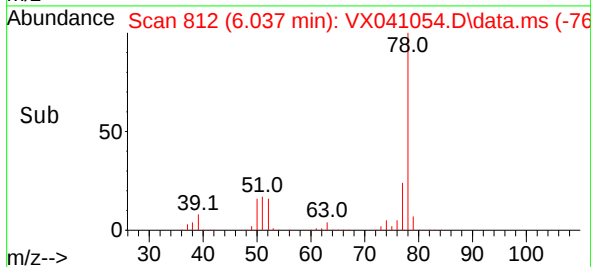
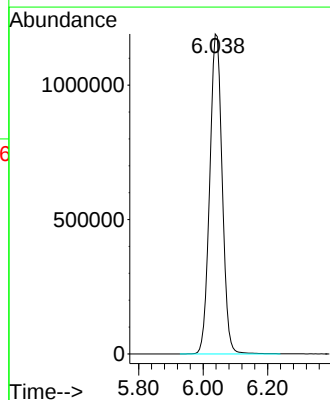
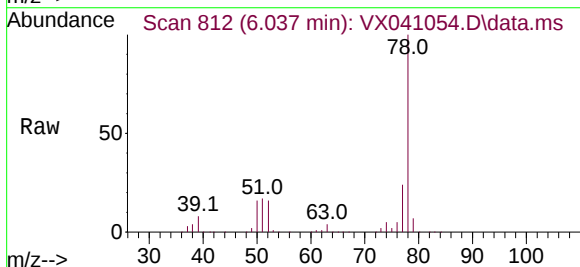
RT: 6.037 min Scan# 812

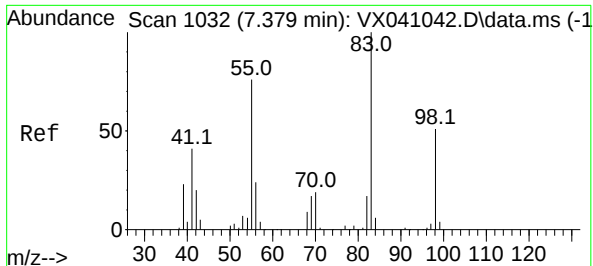
Delta R.T. 0.000 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Tgt Ion: 78 Resp: 3199119





#35

Methylcyclohexane

Concen: 10.062 ug/L

RT: 7.306 min Scan# 1

Delta R.T. -0.073 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Instrument :

MSVOA_X

ClientSampleId :

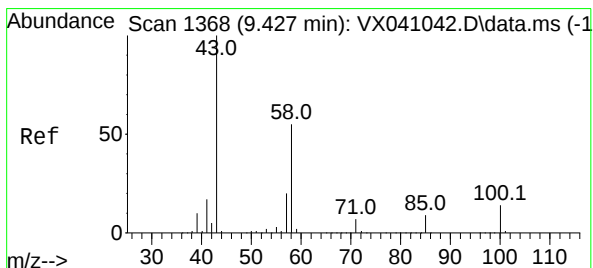
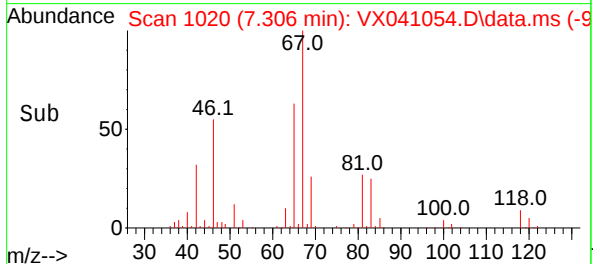
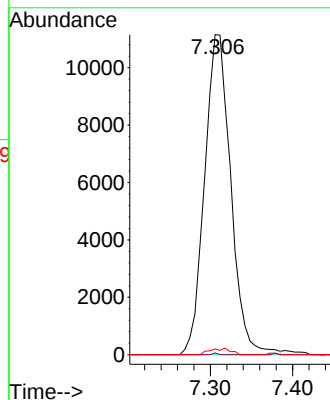
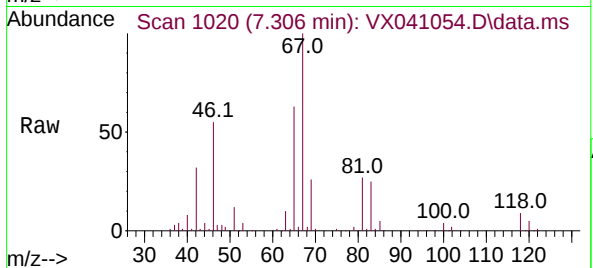
Tgt Ion: 83 Resp: 24671

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

98 1.6 40.9 61.3#



#48

2-Hexanone

Concen: 6.853 ug/L

RT: 9.384 min Scan# 1361

Delta R.T. -0.043 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Tgt Ion: 43 Resp: 13006

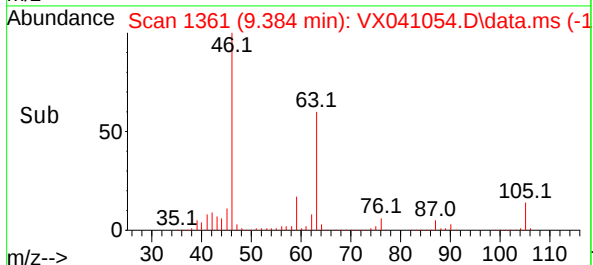
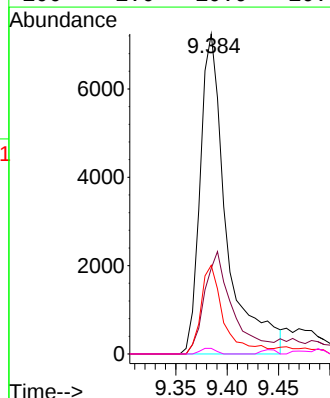
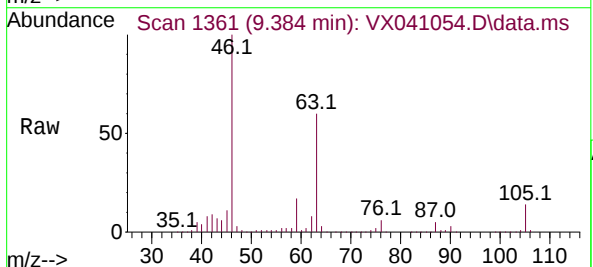
Ion Ratio Lower Upper

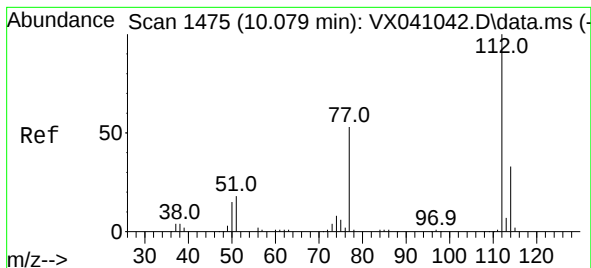
43 100

58 34.6 43.2 64.8#

57 23.0 15.4 23.2

100 1.0 10.9 16.3#

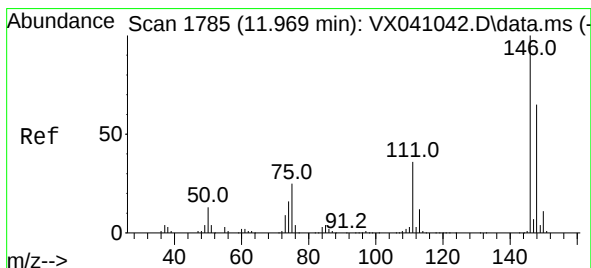
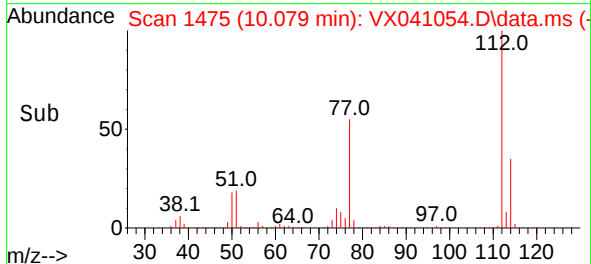
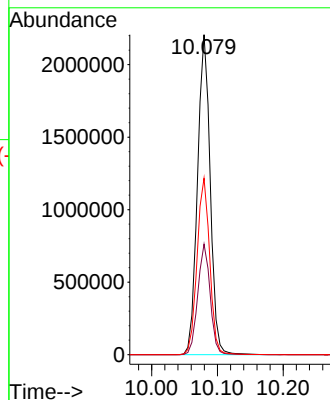
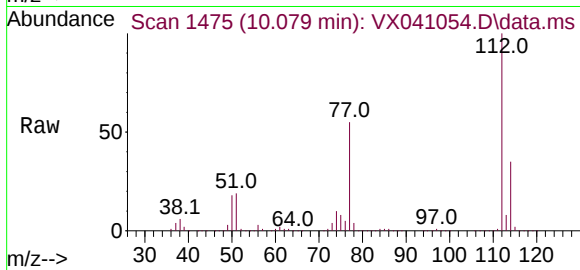




#51
Chlorobenzene
Concen: 629.287 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041054.D
Acq: 13 Apr 2024 00:23

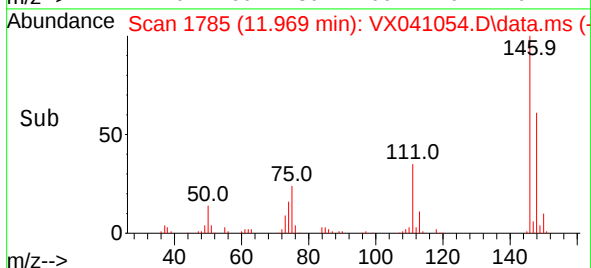
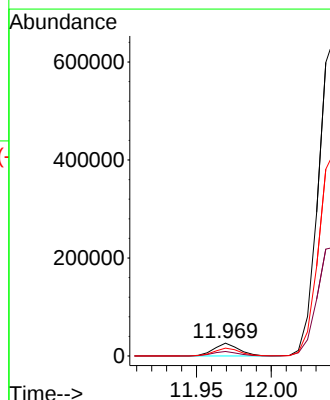
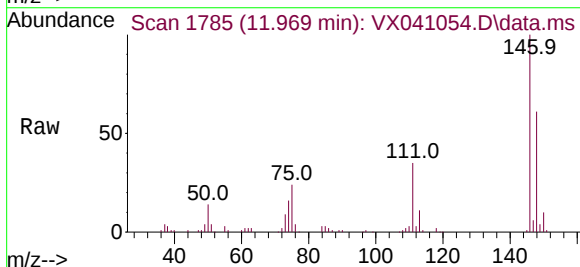
Instrument :
MSVOA_X
ClientSampleId :

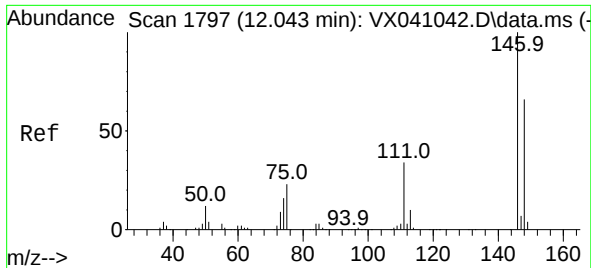
Tgt Ion:112 Resp: 2943321
Ion Ratio Lower Upper
112 100
114 34.6 23.0 42.8
77 55.2 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 7.809 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041054.D
Acq: 13 Apr 2024 00:23

Tgt Ion:146 Resp: 30472
Ion Ratio Lower Upper
146 100
111 35.1 25.3 47.1
148 60.9 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 200.282 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Instrument :

MSVOA_X

ClientSampleId :

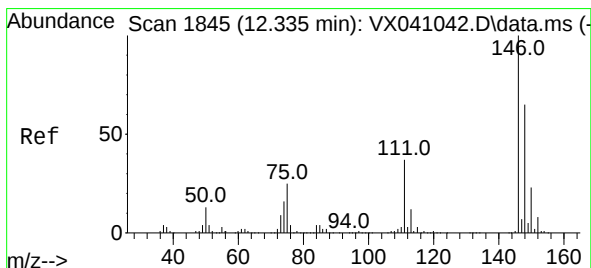
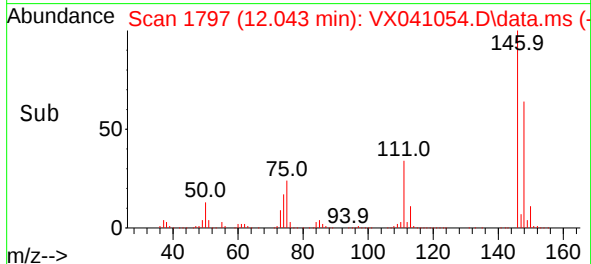
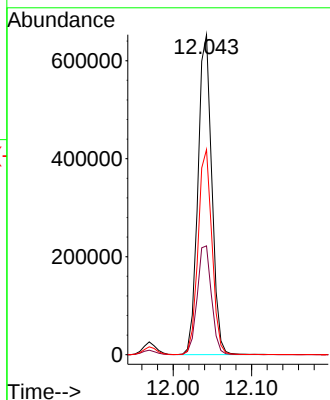
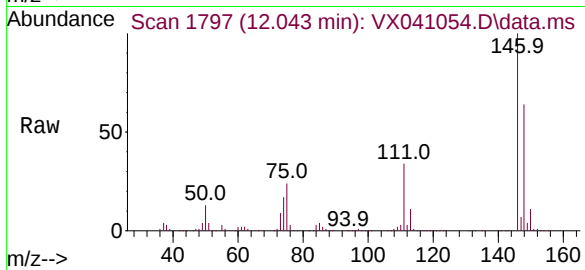
Tgt Ion:146 Resp: 802295

Ion Ratio Lower Upper

146 100

111 34.0 23.4 43.6

148 64.1 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 114.990 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

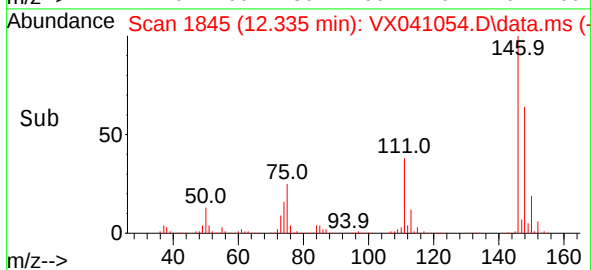
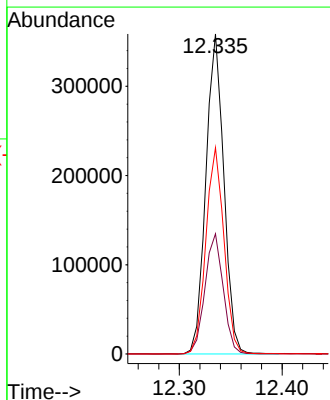
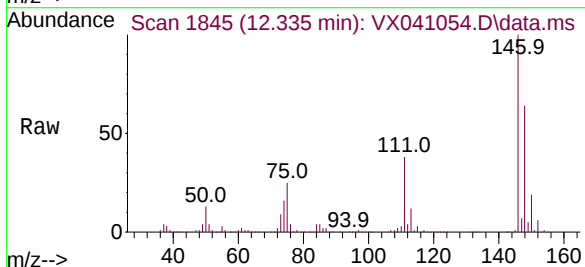
Tgt Ion:146 Resp: 435279

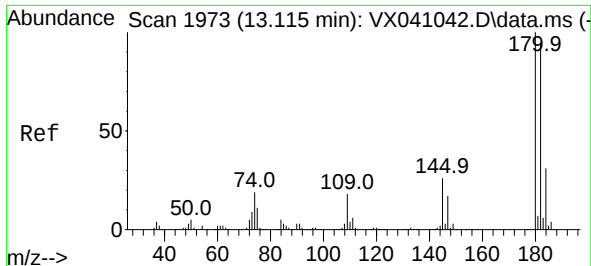
Ion Ratio Lower Upper

146 100

111 37.6 31.8 47.8

148 64.4 53.2 79.8





#69

1,3,5-Trichlorobenzene

Concen: 7.856 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

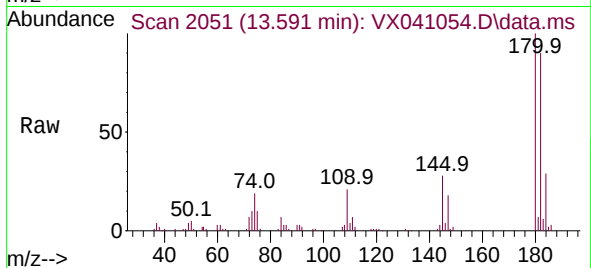
Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 23478

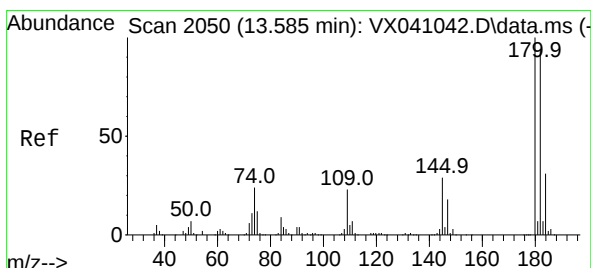
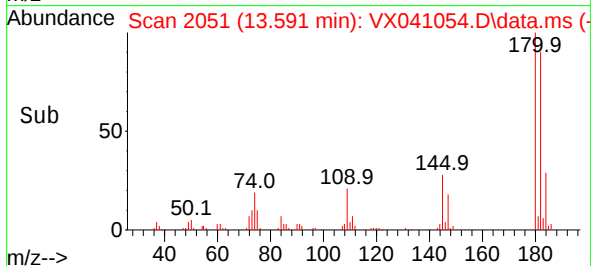
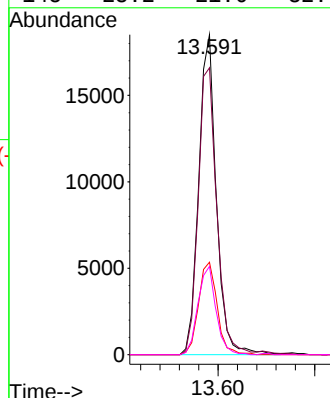
Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.6

184 30.4 24.4 36.6

145 28.2 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 8.291 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX041054.D

Acq: 13 Apr 2024 00:23

Tgt Ion:180 Resp: 23478

Ion Ratio Lower Upper

180 100

182 94.5 76.8 115.2

145 28.2 22.3 33.5

