

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035218.D
 Acq On : 20 Apr 2023 16:12
 Operator : JC/MD
 Sample : 02378-14DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

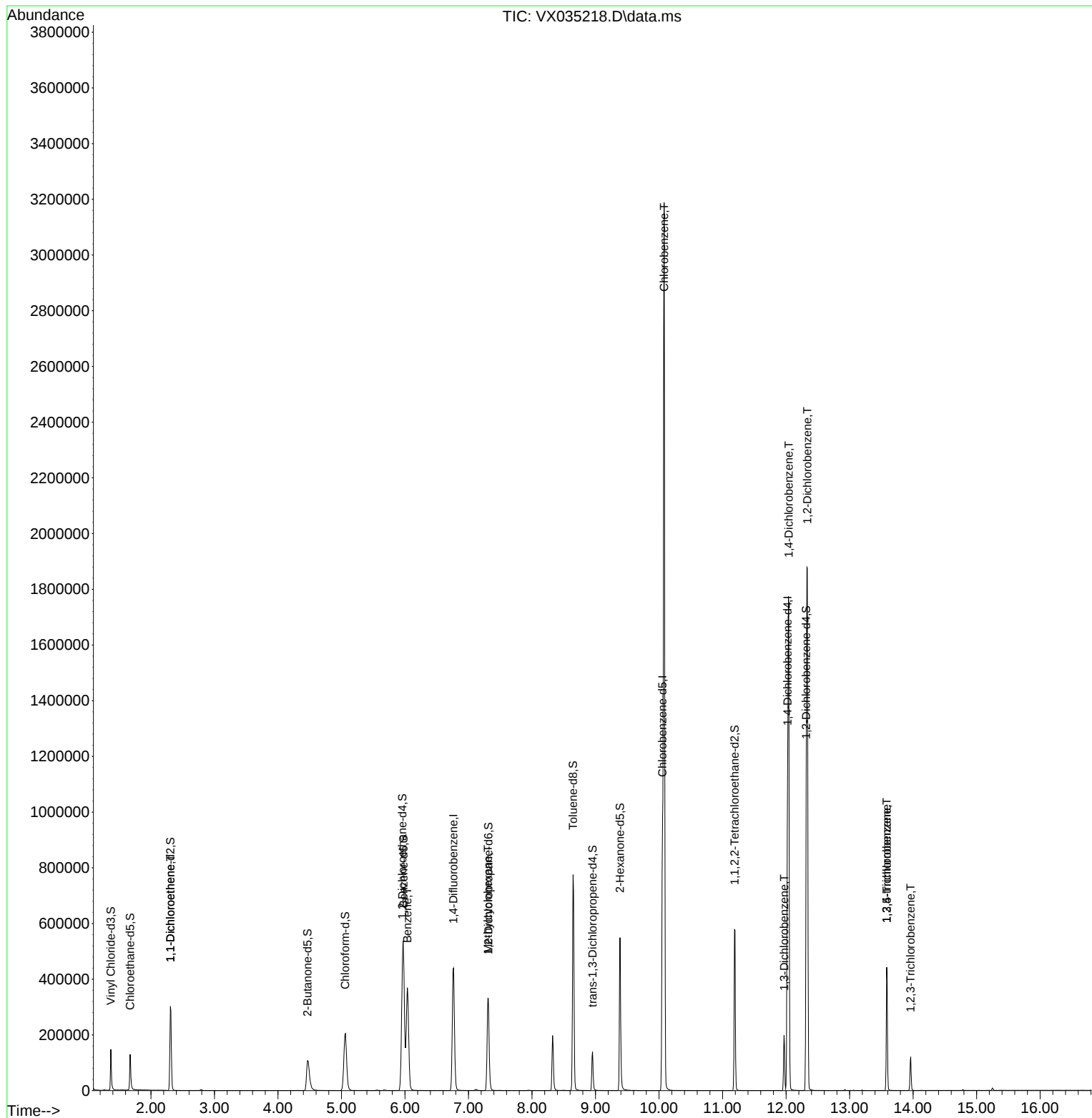
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	462382	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	406293	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	200488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	101618	34.084	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.160%
7) Chloroethane-d5	1.672	69	90134	41.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.680%
11) 1,1-Dichloroethene-d2	2.306	65	54035	37.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.760%
21) 2-Butanone-d5	4.465	46	224259	112.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.870%
24) Chloroform-d	5.056	84	260685	46.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	5.958	65	175983	48.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	5.976	84	532989	45.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
36) 1,2-Dichloropropane-d6	7.312	67	174016	48.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.620%
41) Toluene-d8	8.647	98	467072	43.788	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.580%
43) trans-1,3-Dichloroprop...	8.952	79	65540	42.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.140%
47) 2-Hexanone-d5	9.384	63	160374	112.019	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.020%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	231101	52.930	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.860%
66) 1,2-Dichlorobenzene-d4	12.317	152	188657	48.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1454	0.526	ug/L #	1
33) Benzene	6.037	78	449750	36.553	ug/L	100
35) Methylcyclohexane	7.305	83	42302	9.597	ug/L #	18
51) Chlorobenzene	10.079	112	1360360	161.752	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	63648	10.237	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	559024	87.867	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	548847	87.059	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	104061	27.073	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	104061	28.913	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	29050	8.176	ug/L	99

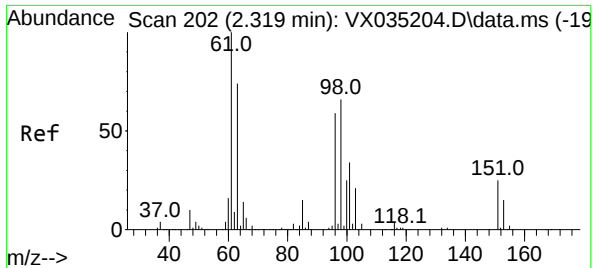
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035218.D
Acq On : 20 Apr 2023 16:12
Operator : JC/MD
Sample : 02378-14DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 23:31:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.526 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

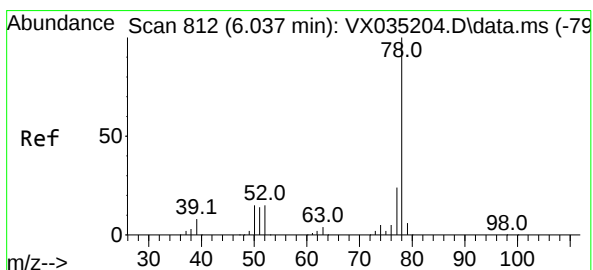
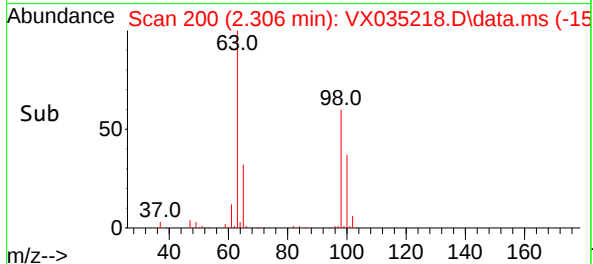
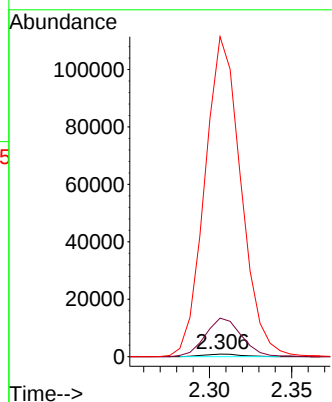
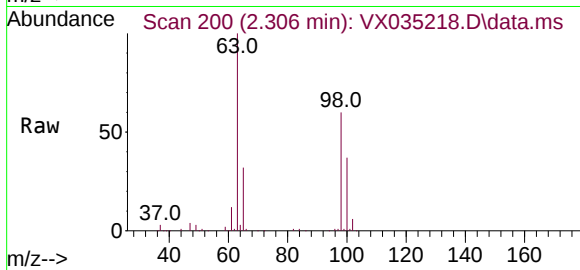
Tgt Ion: 96 Resp: 1454

Ion Ratio Lower Upper

96 100

61 1478.4 119.0 221.0#

63 12260.5 91.0 169.0#



#33

Benzene

Concen: 36.553 ug/L

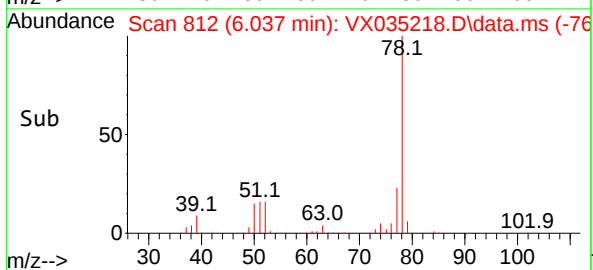
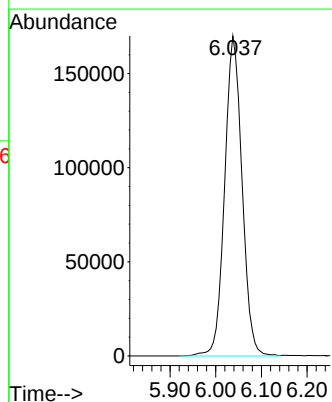
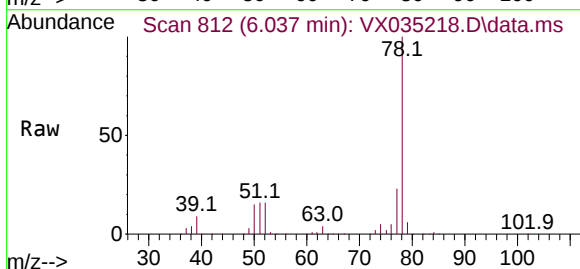
RT: 6.037 min Scan# 812

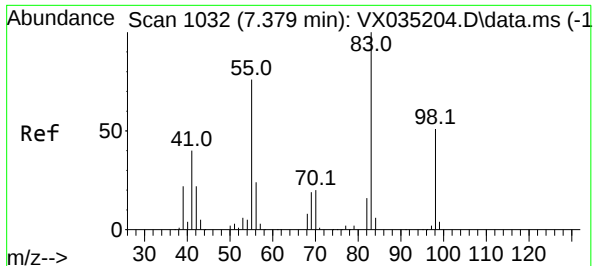
Delta R.T. -0.000 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Tgt Ion: 78 Resp: 449750





#35

Methylcyclohexane

Concen: 9.597 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX035218.D

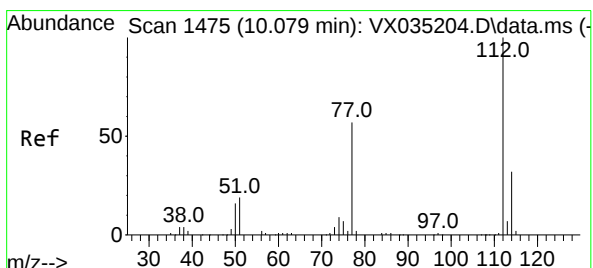
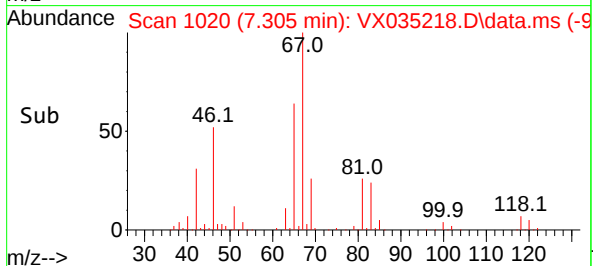
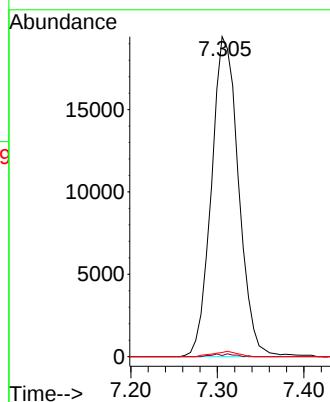
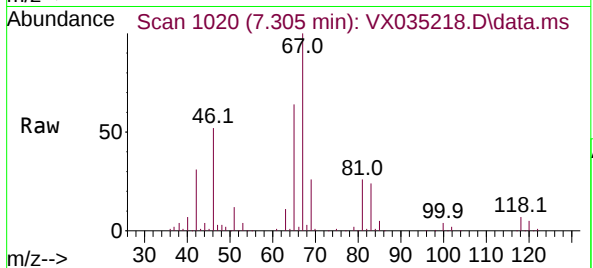
Acq: 20 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 42302
Ion Ratio	Lower Upper
83 100	
55 0.3	62.2 93.2#
98 1.5	39.3 58.9#



#51

Chlorobenzene

Concen: 161.752 ug/L

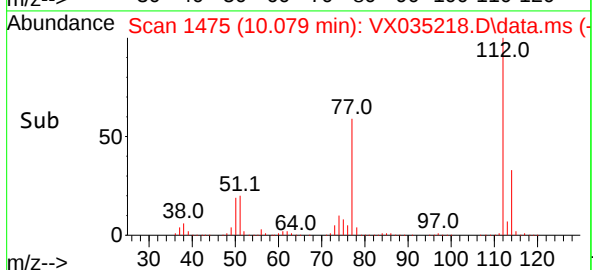
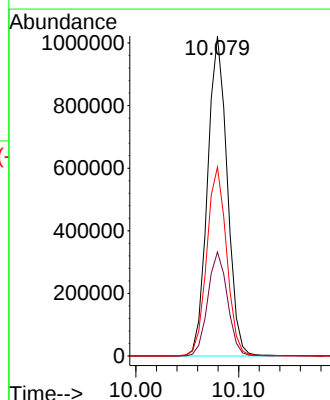
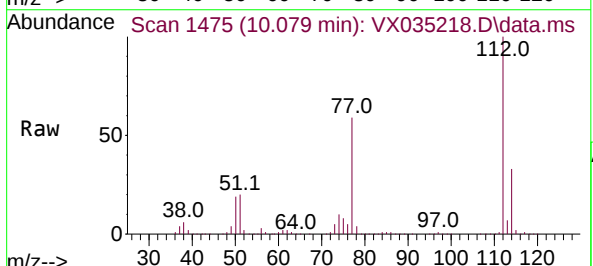
RT: 10.079 min Scan# 1475

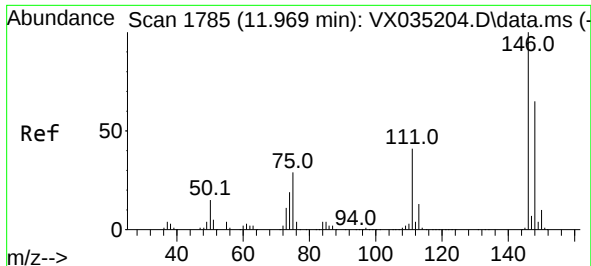
Delta R.T. -0.000 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Tgt Ion: 112	Resp: 1360360
Ion Ratio	Lower Upper
112 100	
114 32.5	22.4 41.6
77 59.0	47.0 70.6

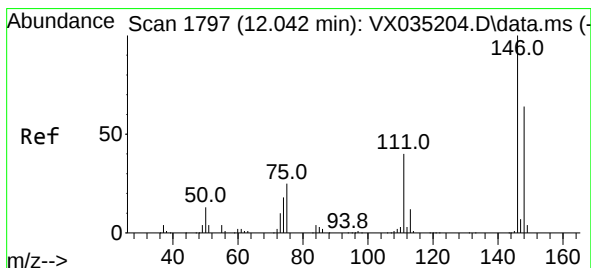
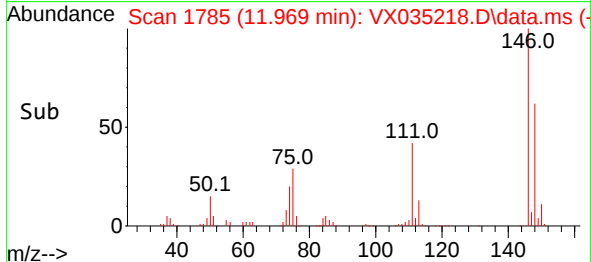
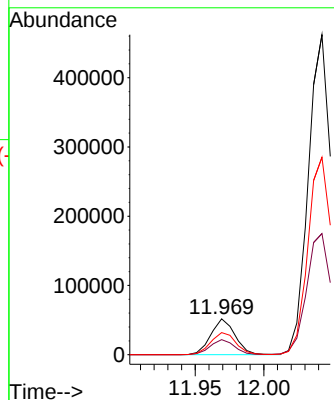
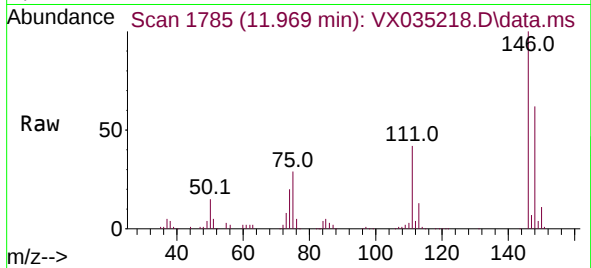




#64
1,3-Dichlorobenzene
Concen: 10.237 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035218.D
Acq: 20 Apr 2023 16:12

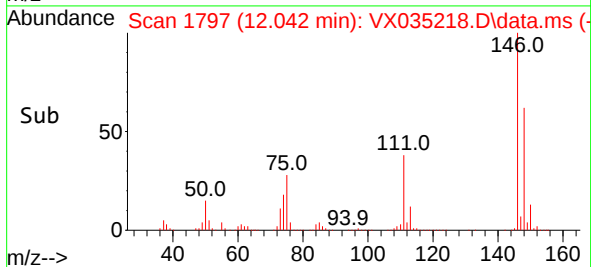
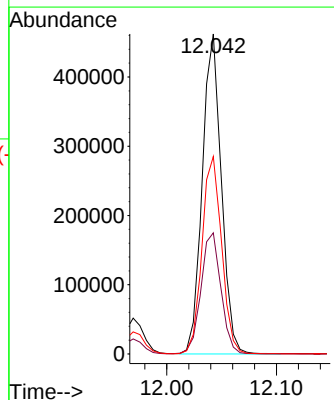
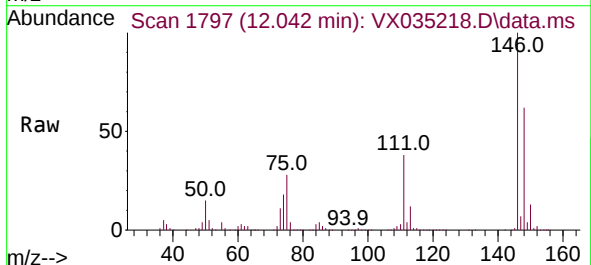
Instrument :
MSVOA_X
ClientSampleId :

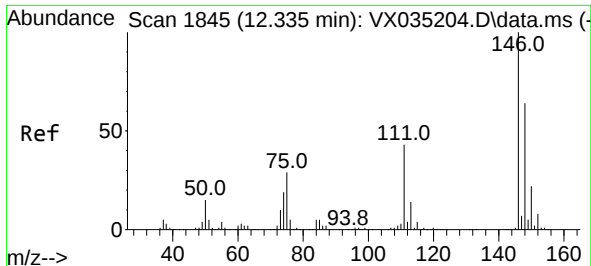
Tgt Ion:146 Resp: 63648
Ion Ratio Lower Upper
146 100
111 42.2 28.9 53.7
148 61.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 87.867 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035218.D
Acq: 20 Apr 2023 16:12

Tgt Ion:146 Resp: 559024
Ion Ratio Lower Upper
146 100
111 37.9 27.9 51.7
148 61.7 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 87.059 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

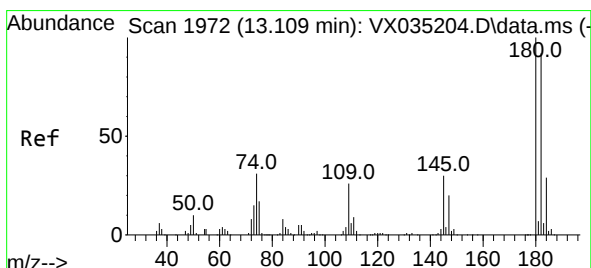
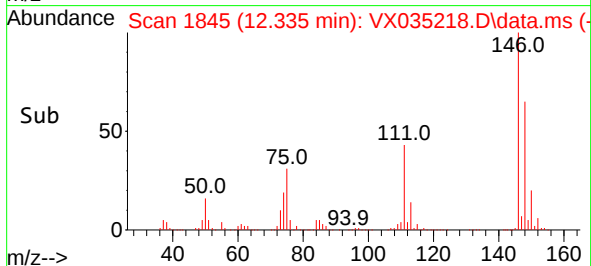
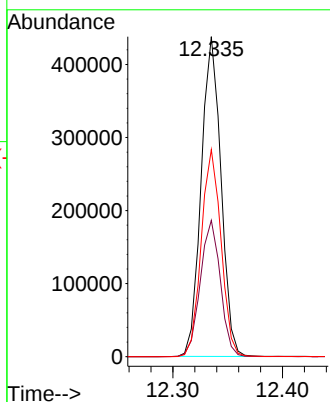
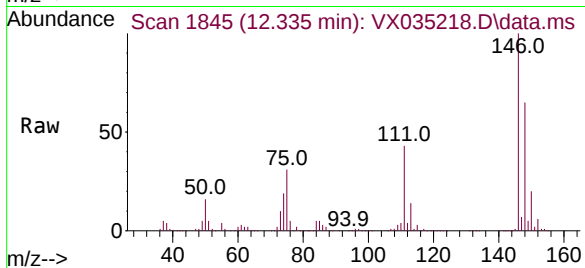
Tgt Ion:146 Resp: 548847

Ion Ratio Lower Upper

146 100

111 42.6 34.7 52.1

148 64.7 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 27.073 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.475 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Tgt Ion:180 Resp: 104061

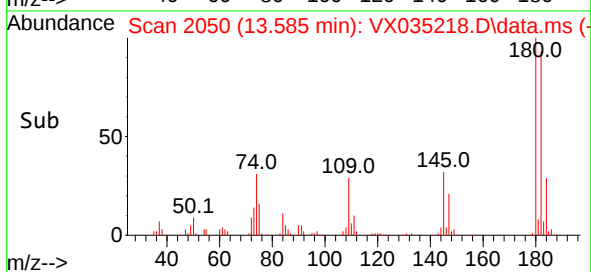
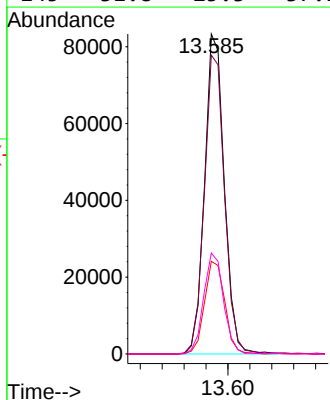
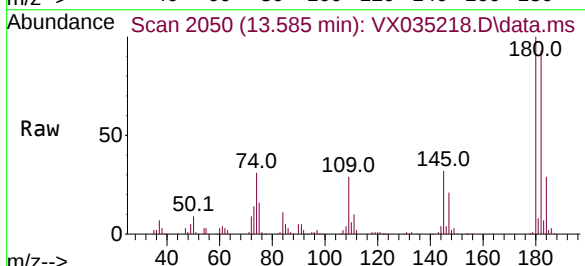
Ion Ratio Lower Upper

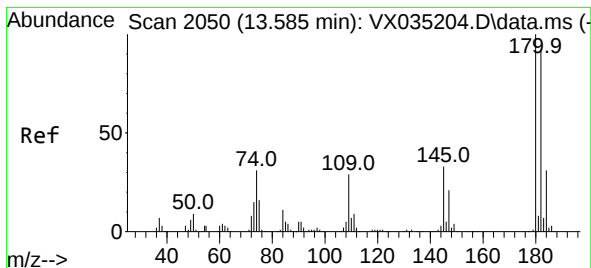
180 100

182 95.6 75.4 113.0

184 29.7 23.8 35.8

145 31.8 25.3 37.9





#70

1,2,4-trichlorobenzene

Concen: 28.913 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

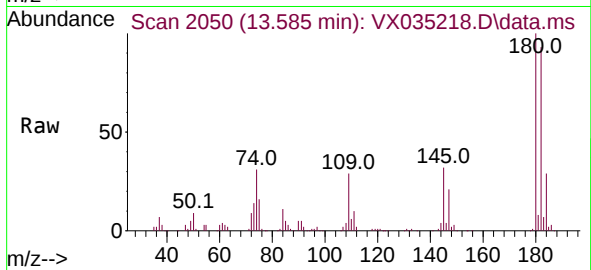
Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :



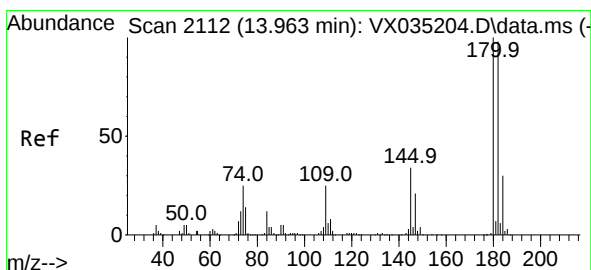
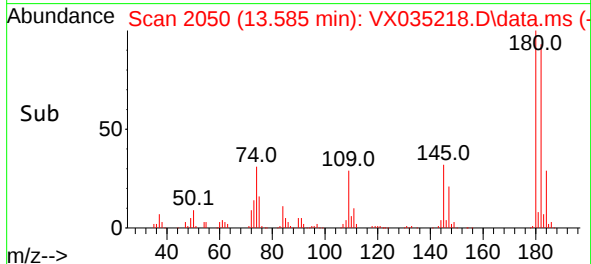
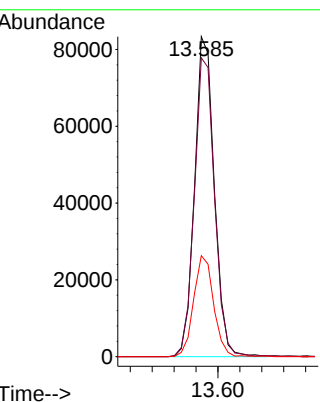
Tgt Ion:180 Resp: 104061

Ion Ratio Lower Upper

180 100

182 95.6 76.6 114.8

145 31.8 26.2 39.4



#72

1,2,3-Trichlorobenzene

Concen: 8.176 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035218.D

Acq: 20 Apr 2023 16:12

Tgt Ion:180 Resp: 29050

Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

145 33.6 27.1 40.7

