

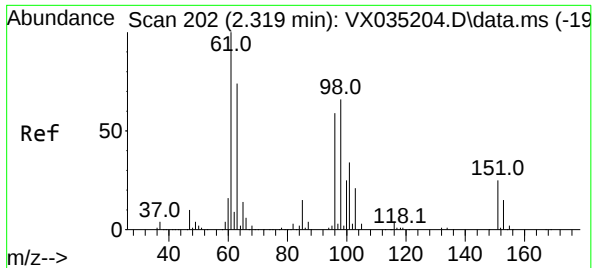
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035215.D
 Acq On : 20 Apr 2023 15:03
 Operator : JC/MD
 Sample : 02378-17DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:30:15 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	433811	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	379184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	187371	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102125	36.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.020%
7) Chloroethane-d5	1.672	69	90432	44.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.480%
11) 1,1-Dichloroethene-d2	2.307	65	54923	41.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.080%
21) 2-Butanone-d5	4.465	46	218192	117.052	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.050%
24) Chloroform-d	5.056	84	254832	48.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.760%
26) 1,2-Dichloroethane-d4	5.952	65	175165	51.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.560%
32) Benzene-d6	5.970	84	533184	48.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	7.306	67	171172	51.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.900%
41) Toluene-d8	8.647	98	464096	46.620	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	8.952	79	65255	44.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.760%
47) 2-Hexanone-d5	9.385	63	152917	114.447	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.450%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	225690	55.386	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.780%
66) 1,2-Dichlorobenzene-d4	12.317	152	184434	50.794	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.580%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1472	0.568	ug/L	# 1
33) Benzene	6.038	78	368002	32.047	ug/L	100
44) trans-1,3-Dichloropropene	8.946	75	2917	0.716	ug/L	97
51) Chlorobenzene	10.080	112	1023002	130.335	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	38559	6.636	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146				



#12

1,1-Dichloroethene

Concen: 0.568 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.012 min

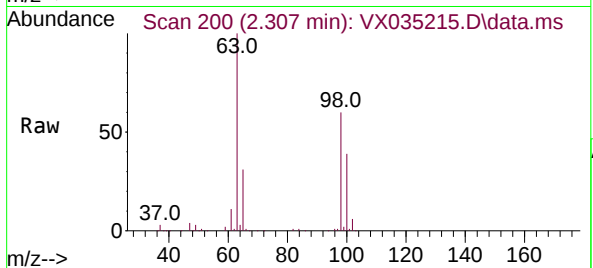
Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :



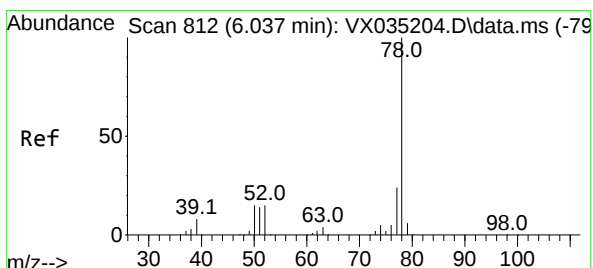
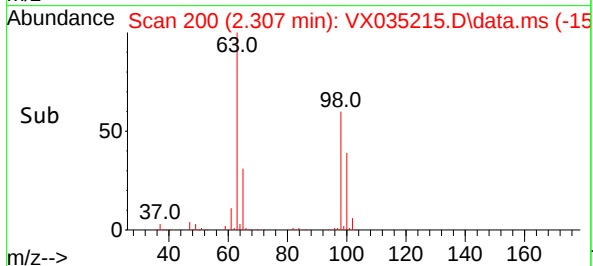
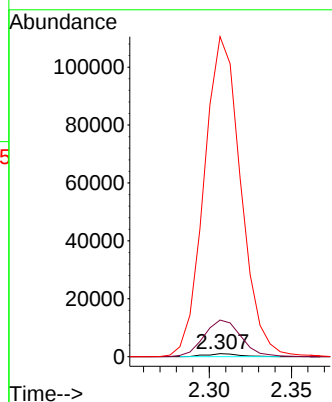
Tgt Ion: 96 Resp: 1472

Ion Ratio Lower Upper

96 100

61 1219.7 119.0 221.0#

63 10648.2 91.0 169.0#



#33

Benzene

Concen: 32.047 ug/L

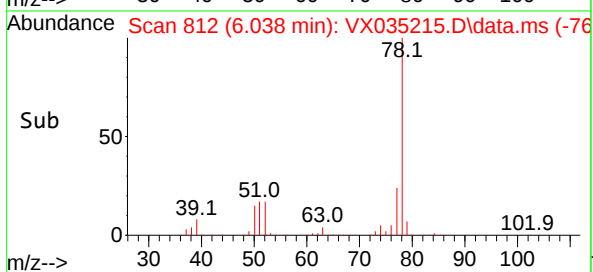
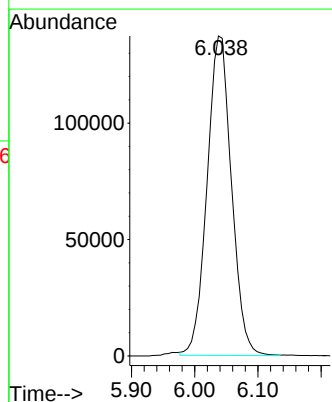
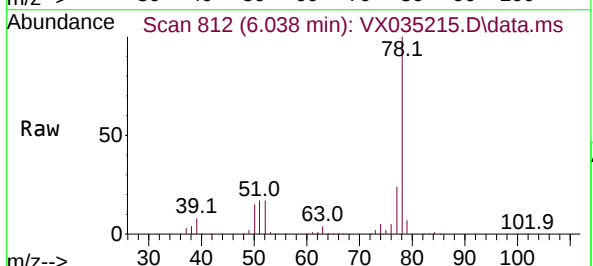
RT: 6.038 min Scan# 812

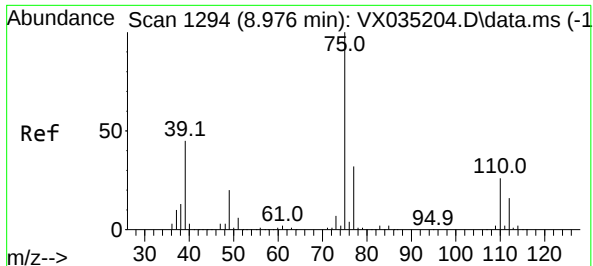
Delta R.T. 0.000 min

Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

Tgt Ion: 78 Resp: 368002

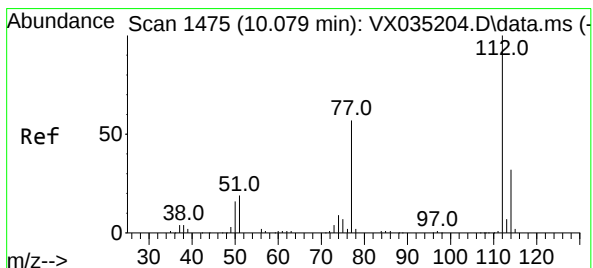
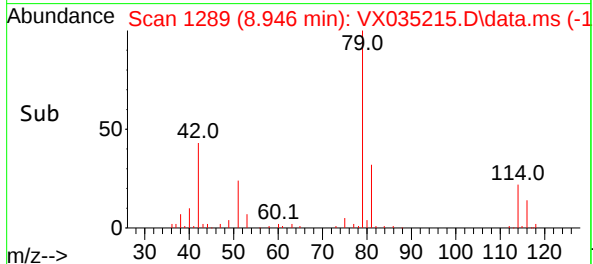
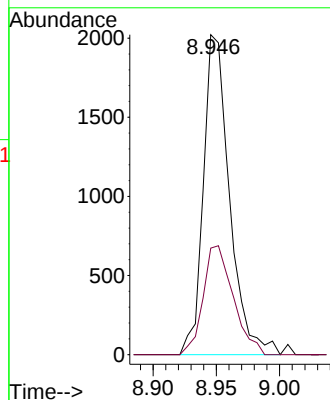
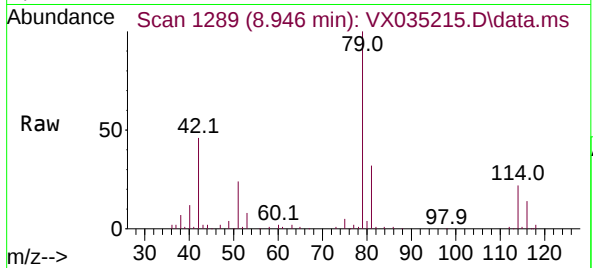




#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VX035215.D
Acq: 20 Apr 2023 15:03

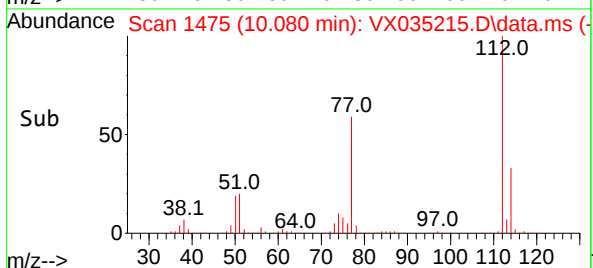
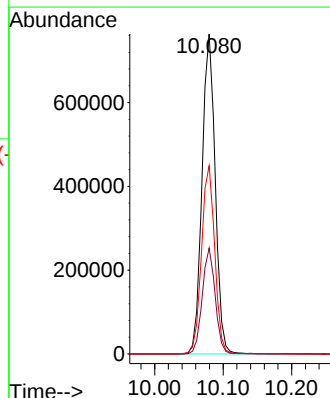
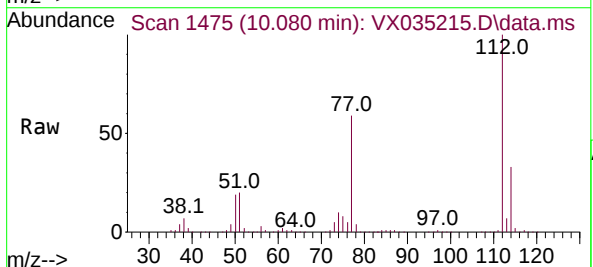
Instrument :
MSVOA_X
ClientSampleId :

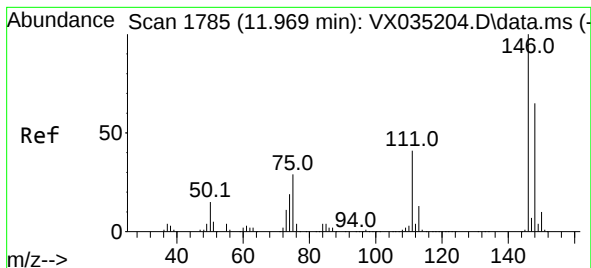
Tgt Ion: 75 Resp: 2917
Ion Ratio Lower Upper
75 100
77 33.3 22.0 40.8



#51
Chlorobenzene
Concen: 130.335 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035215.D
Acq: 20 Apr 2023 15:03

Tgt Ion: 112 Resp: 1023002
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.9 47.0 70.6





#64

1,3-Dichlorobenzene

Concen: 6.636 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

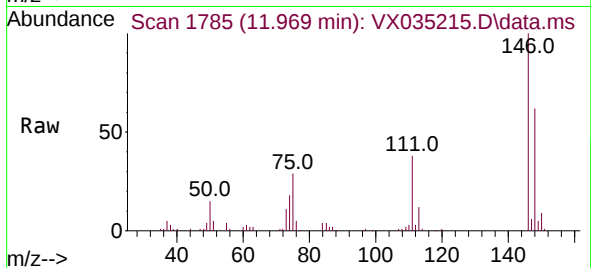
Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :



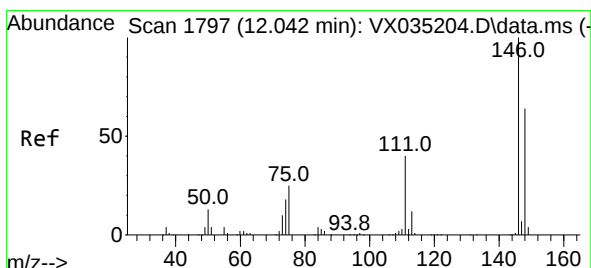
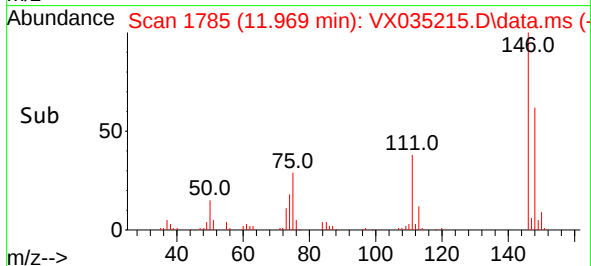
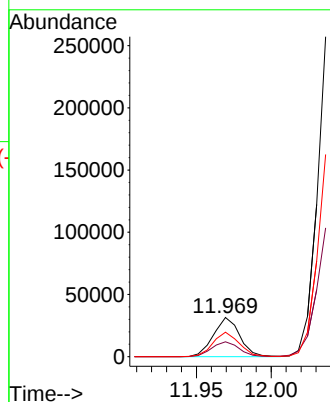
Tgt Ion:146 Resp: 38559

Ion Ratio Lower Upper

146 100

111 38.0 28.9 53.7

148 62.4 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 59.599 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

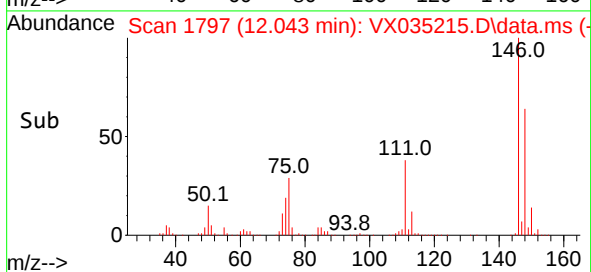
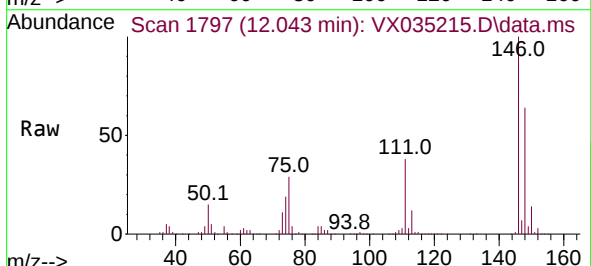
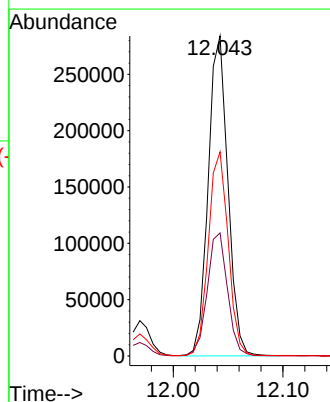
Tgt Ion:146 Resp: 354375

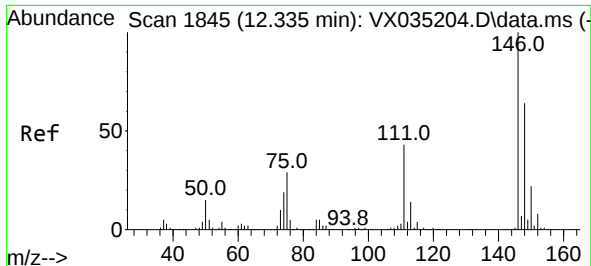
Ion Ratio Lower Upper

146 100

111 38.5 27.9 51.7

148 63.8 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 57.725 ug/L

RT: 12.335 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

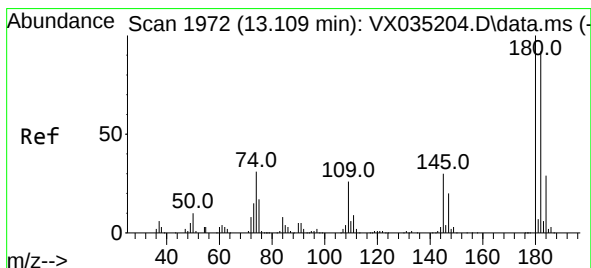
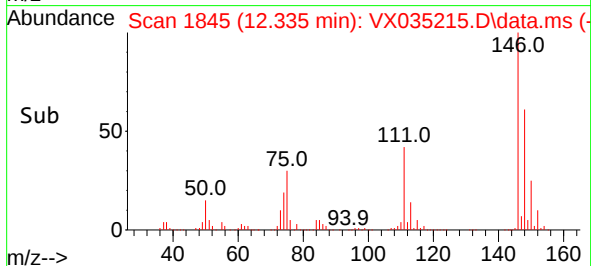
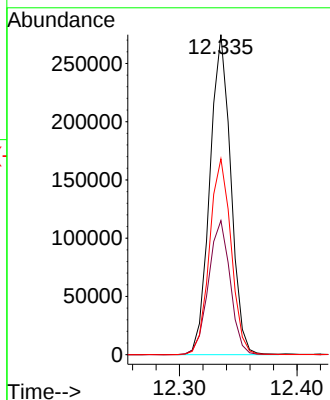
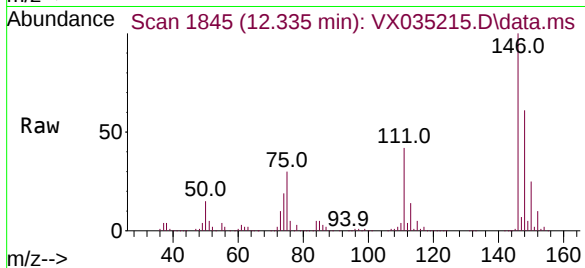
Tgt Ion:146 Resp: 340104

Ion Ratio Lower Upper

146 100

111 41.9 34.7 52.1

148 61.2 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 34.063 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX035215.D

Acq: 20 Apr 2023 15:03

Tgt Ion:180 Resp: 122365

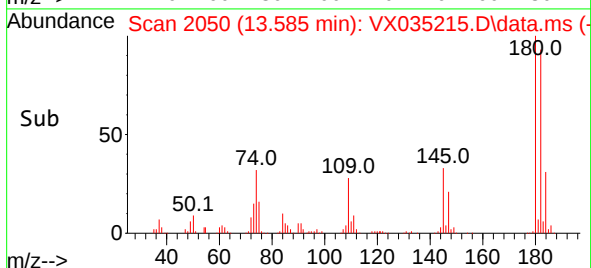
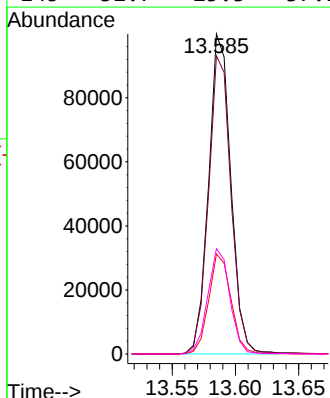
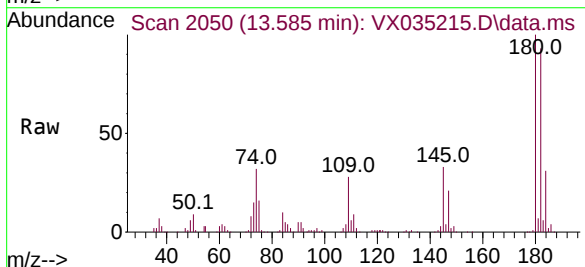
Ion Ratio Lower Upper

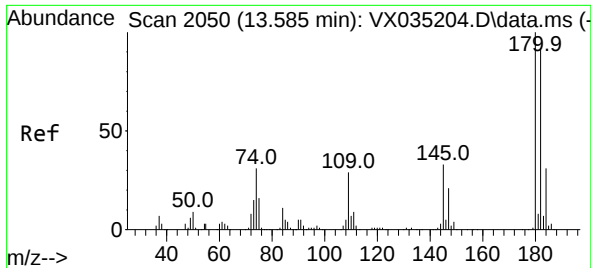
180 100

182 94.2 75.4 113.0

184 31.2 23.8 35.8

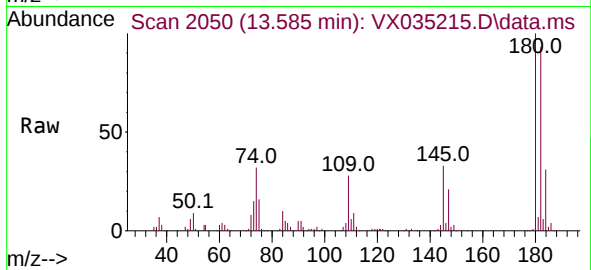
145 32.7 25.3 37.9



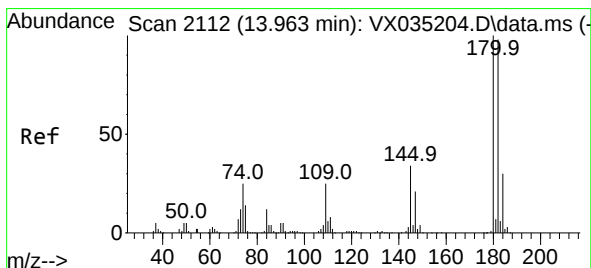
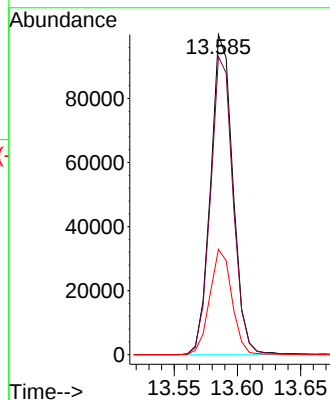
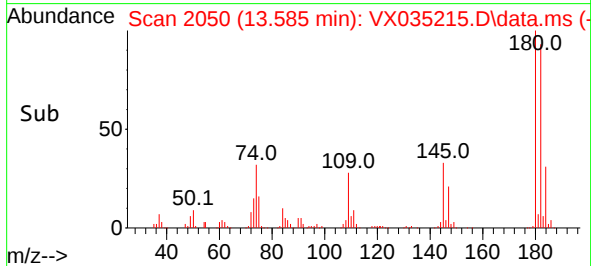


#70
1,2,4-trichlorobenzene
Concen: 36.378 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035215.D
Acq: 20 Apr 2023 15:03

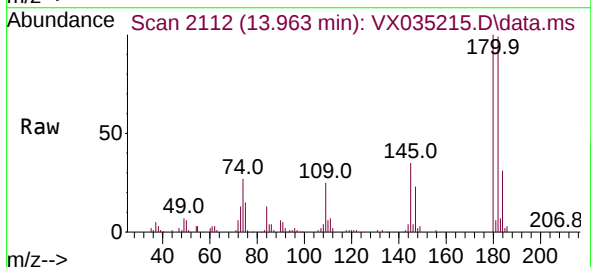
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 122365
Ion Ratio Lower Upper
180 100
182 94.2 76.6 114.8
145 32.7 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 9.626 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035215.D
Acq: 20 Apr 2023 15:03



Tgt Ion:180 Resp: 31964
Ion Ratio Lower Upper
180 100
182 96.4 75.0 112.6
145 34.0 27.1 40.7

