

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034990.D
 Acq On : 10 Apr 2023 11:58
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK623

Quant Time: Apr 11 05:36:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	492416	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	195685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	158512	48.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.660%
7) Chloroethane-d5	1.672	69	118130	49.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.340%
11) 1,1-Dichloroethene-d2	2.306	63	245676	36.953	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.900%
21) 2-Butanone-d5	4.458	46	227991	104.590	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.590%
24) Chloroform-d	5.056	84	293957	47.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
26) 1,2-Dichloroethane-d4	5.952	65	207972	48.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.940%
32) Benzene-d6	5.976	84	611052	51.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.240%
36) 1,2-Dichloropropane-d6	7.305	67	188266	51.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.400%
41) Toluene-d8	8.647	98	548586	50.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	8.952	79	80983	48.430	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.860%
47) 2-Hexanone-d5	9.384	63	153104	105.197	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	228638	50.526	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.060%
66) 1,2-Dichlorobenzene-d4	12.317	152	187893	52.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.660%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2874	0.705	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	4322	1.229	ug/L #	56
12) 1,1-Dichloroethene	2.319	96	3601	1.150	ug/L #	1
14) Carbon disulfide	2.514	76	16818	1.998	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	3235	1.005	ug/L	93
53) m,p-Xylene	10.305	106	3044	0.508	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	7032	0.593	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	7141	0.610	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	5638	0.886	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	6760	1.050	ug/L	94
67) 1,2-Dichlorobenzene	12.329	146	5014	0.799	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	13.109	75	2077	2.162	ug/L #	7
69) 1,3,5-Trichlorobenzene	13.115	180	10747	2.699	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	9361	2.527	ug/L	97
71) Naphthalene	13.774	128	20421	1.613	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	9392	2.525	ug/L	95

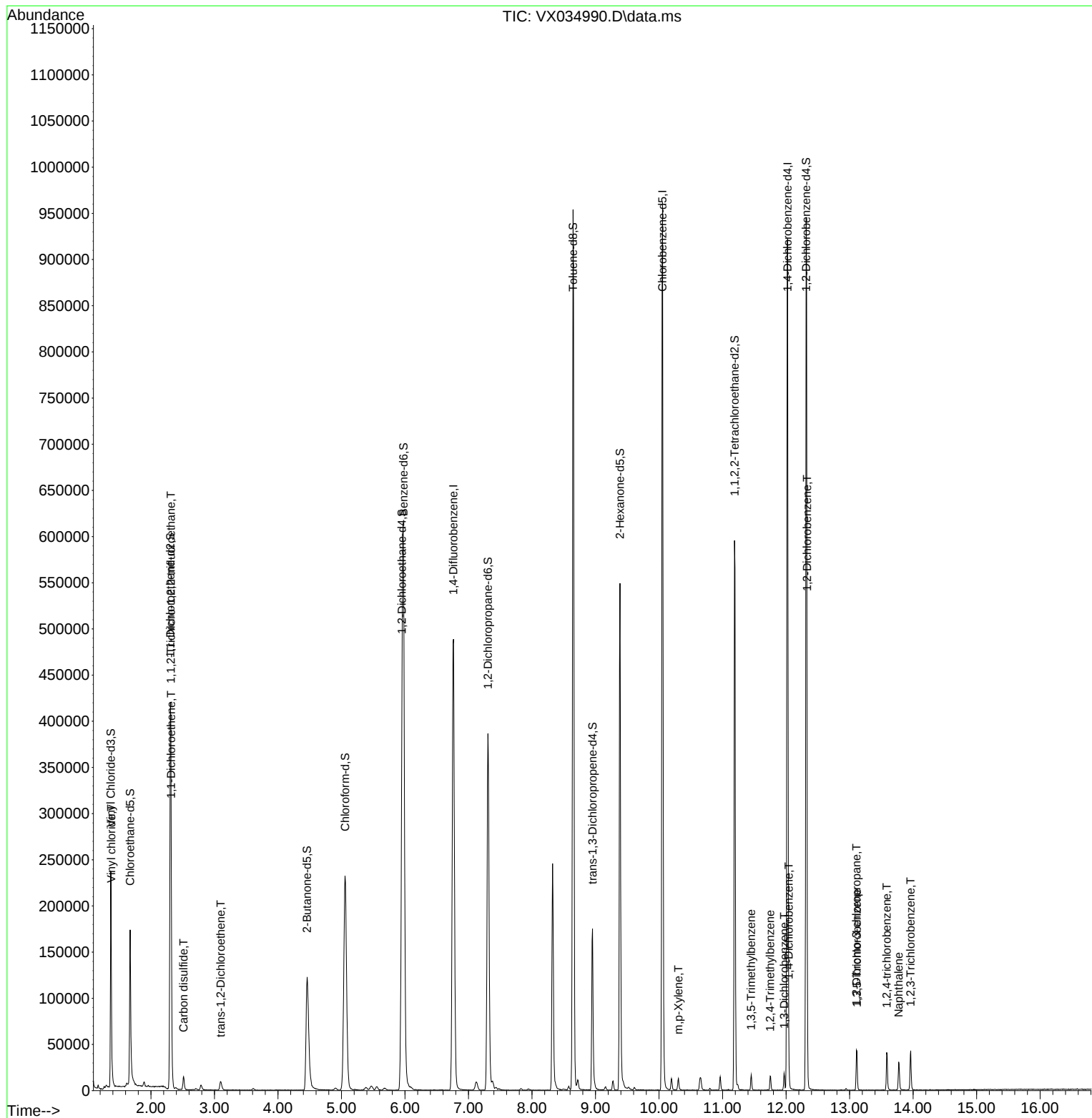
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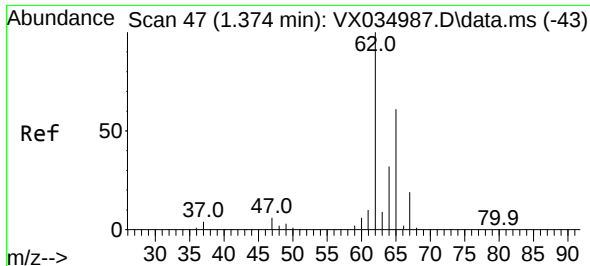
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Apr 11 05:36:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 05:31:31 2023
Response via : Initial Calibration

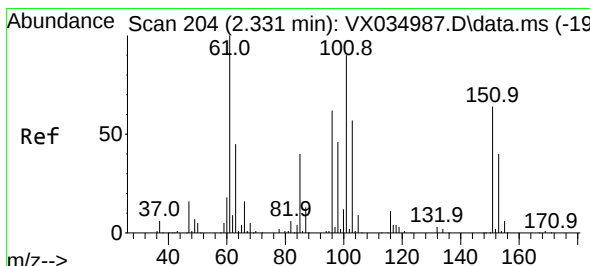
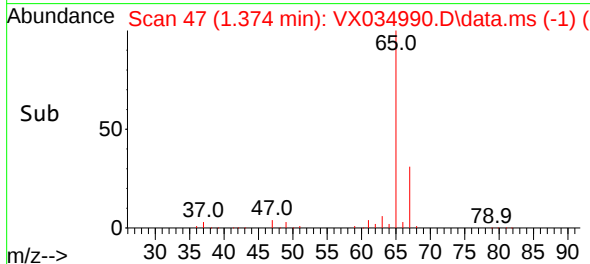
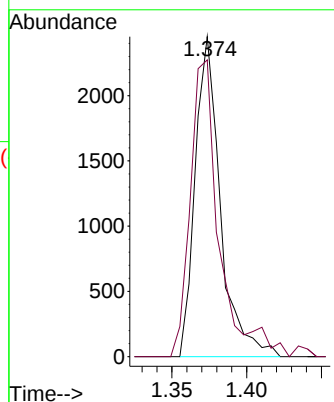
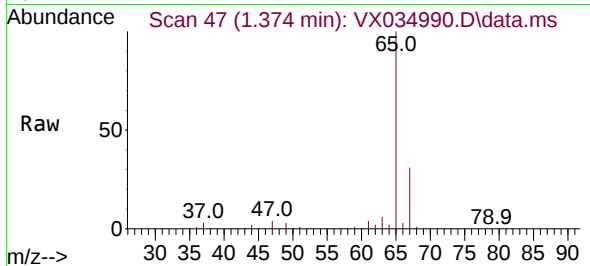




#5
 Vinyl chloride
 Concen: 0.705 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034990.D
 Acq: 10 Apr 2023 11:58

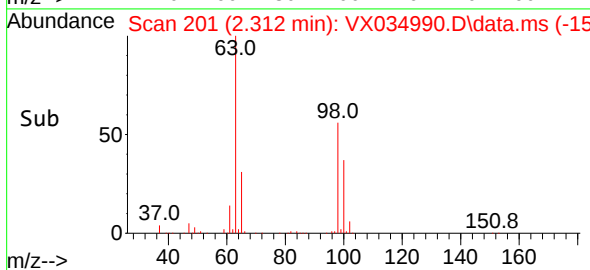
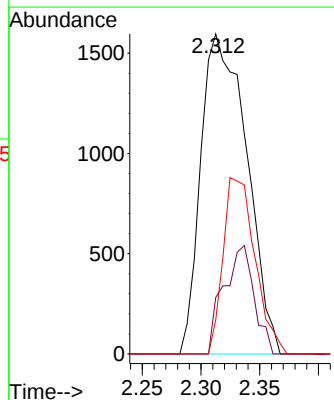
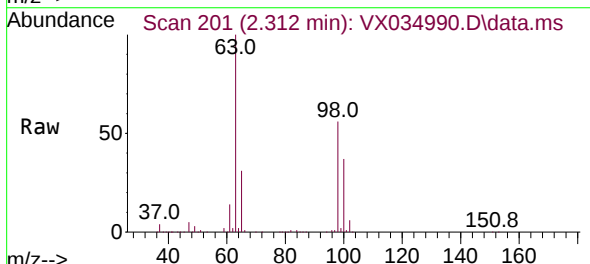
Instrument :
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 ClientSampleId :
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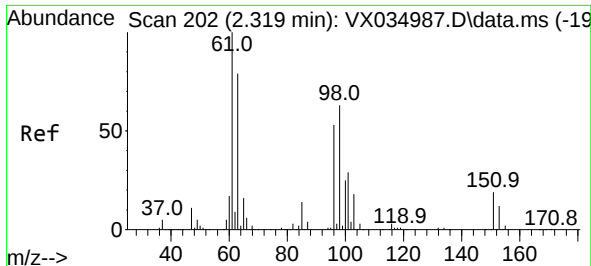
Tgt Ion: 62 Resp: 2874
 Ion Ratio Lower Upper
 62 100
 64 92.7 22.3 41.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.229 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. -0.018 min
 Lab File: VX034990.D
 Acq: 10 Apr 2023 11:58

Tgt Ion: 101 Resp: 4322
 Ion Ratio Lower Upper
 101 100
 85 14.3 36.4 54.6#
 151 38.4 59.7 89.5#

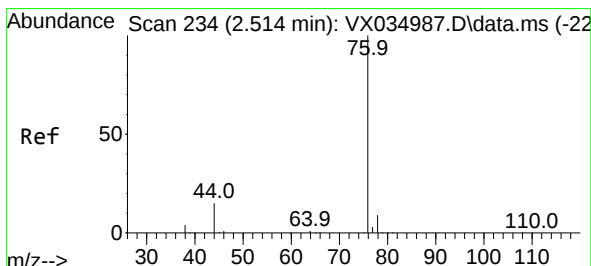
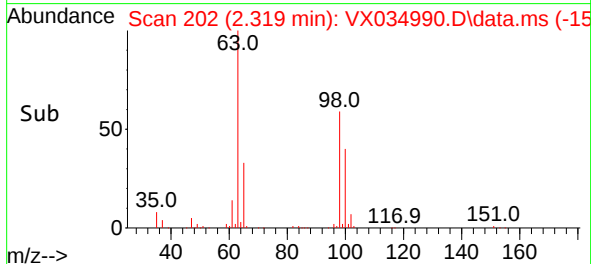
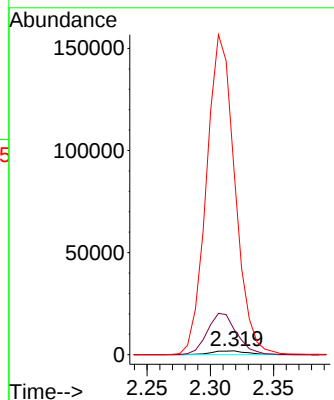
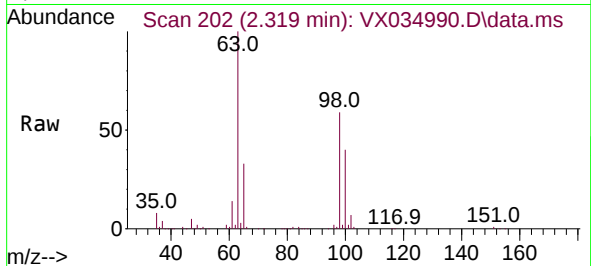




#12
1,1-Dichloroethene
Concen: 1.150 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

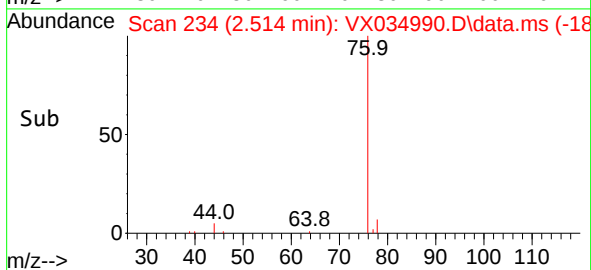
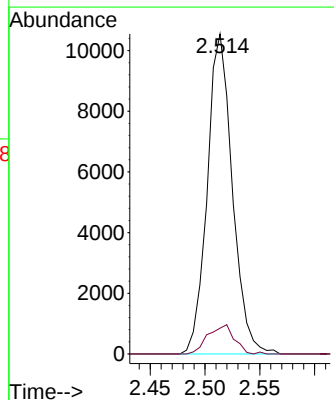
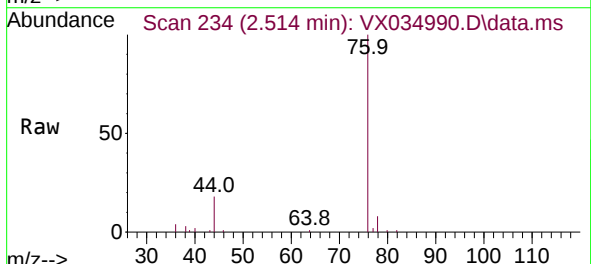
Instrument :
MSVOA_X
ClientSampleId :
VIBLK623

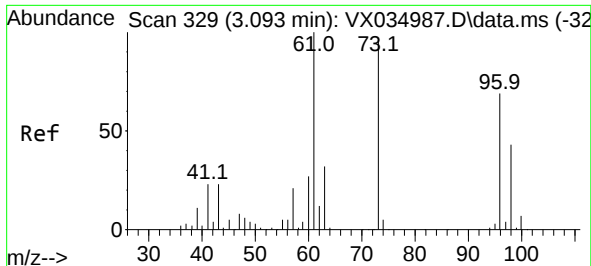
Tgt Ion: 96 Resp: 3601
Ion Ratio Lower Upper
96 100
61 665.0 132.4 245.8#
63 4861.2 105.5 195.9#



#14
Carbon disulfide
Concen: 1.998 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

Tgt Ion: 76 Resp: 16818
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2





#17

trans-1,2-Dichloroethene

Concen: 1.005 ug/L

RT: 3.099 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX034990.D

Acq: 10 Apr 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

VIBLK623

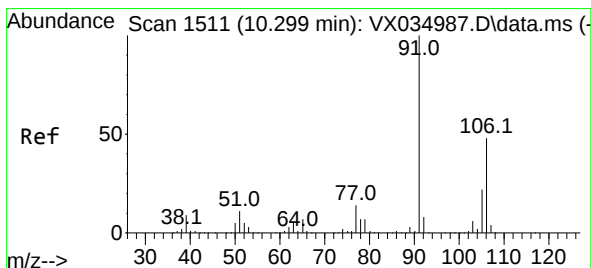
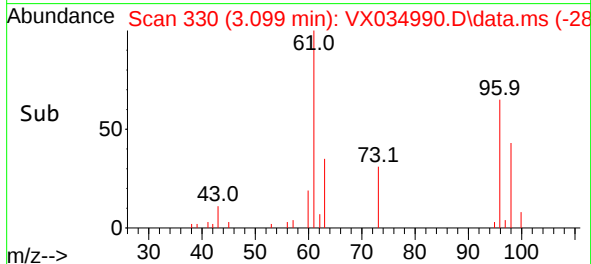
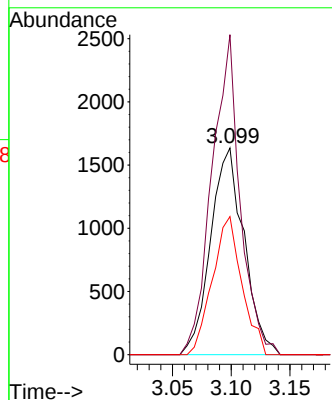
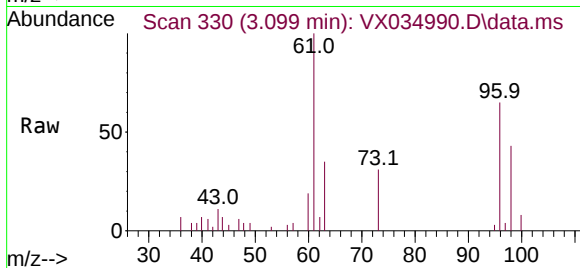
Tgt Ion: 96 Resp: 3235

Ion Ratio Lower Upper

96 100

61 154.8 102.0 189.4

98 66.8 44.2 82.0



#53

m,p-Xylene

Concen: 0.508 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX034990.D

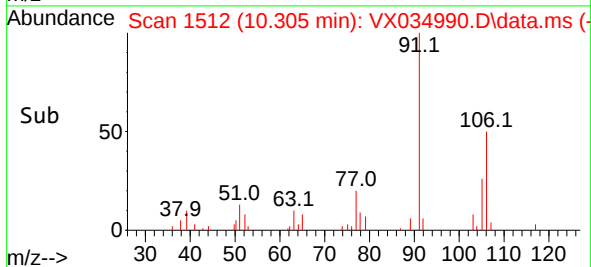
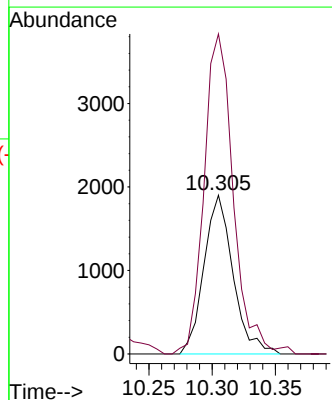
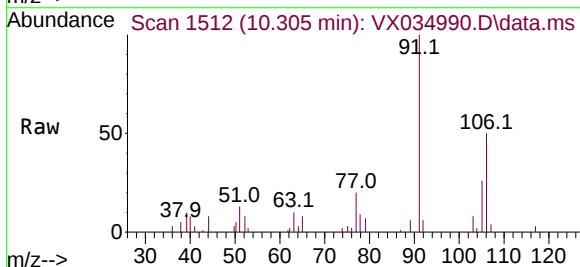
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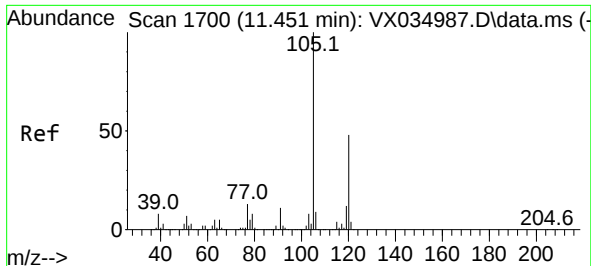
Tgt Ion: 106 Resp: 3044

Ion Ratio Lower Upper

106 100

91 201.6 146.4 272.0

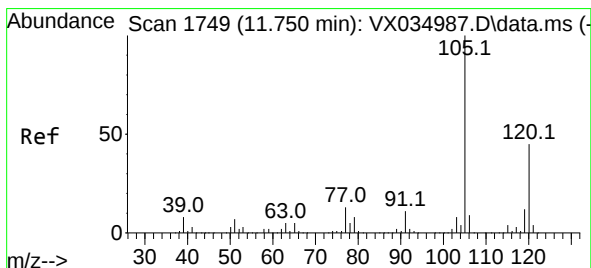
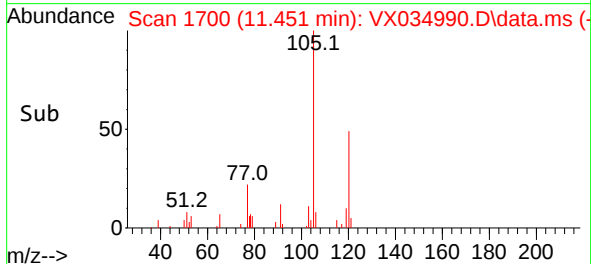
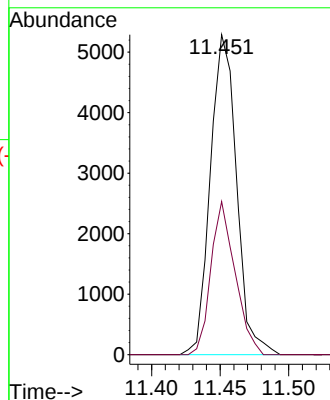
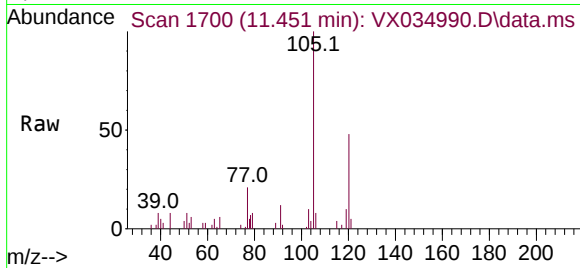




#62
 1,3,5-Trimethylbenzene
 Concen: 0.593 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX034990.D
 Acq: 10 Apr 2023 11:58

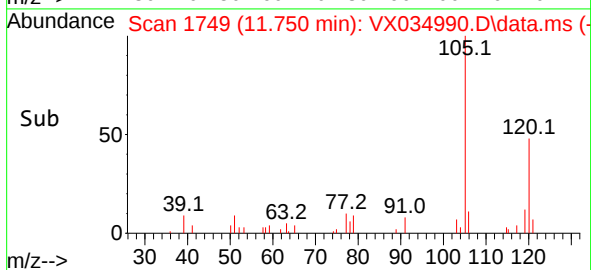
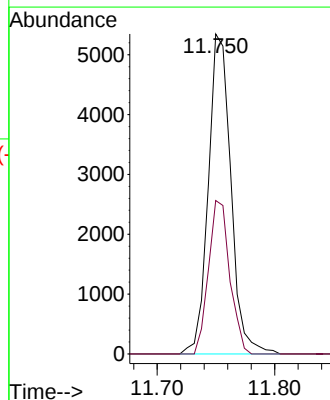
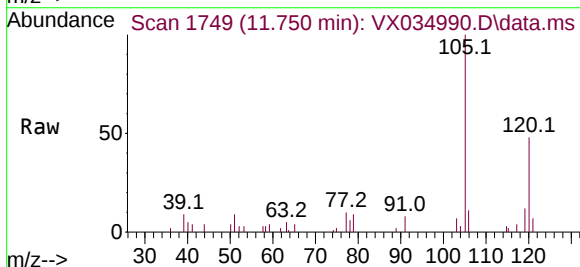
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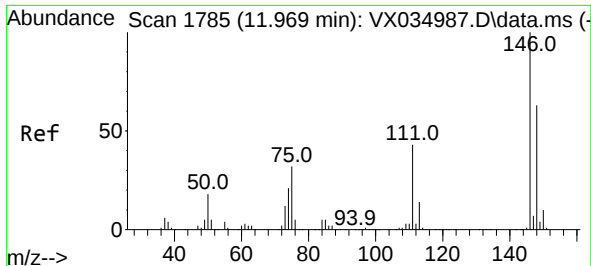
Tgt Ion:105 Resp: 7032
 Ion Ratio Lower Upper
 105 100
 120 44.2 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.610 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX034990.D
 Acq: 10 Apr 2023 11:58

Tgt Ion:105 Resp: 7141
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4

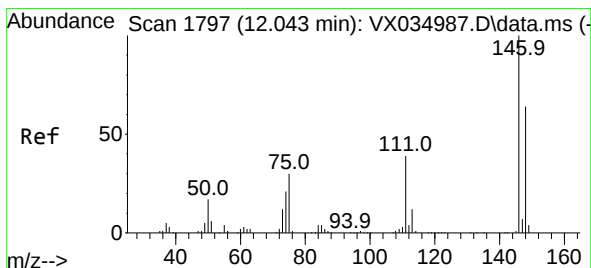
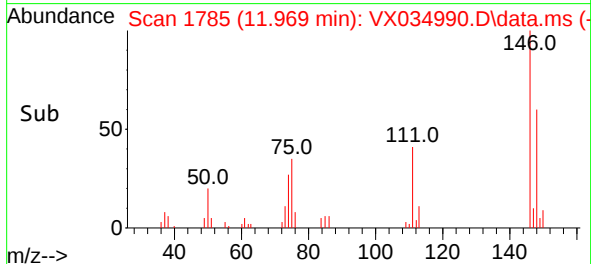
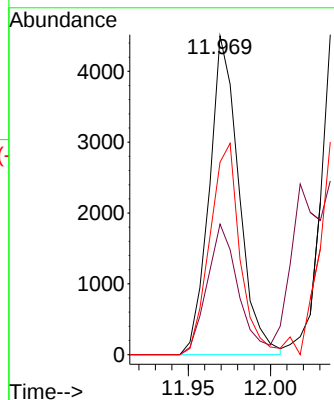
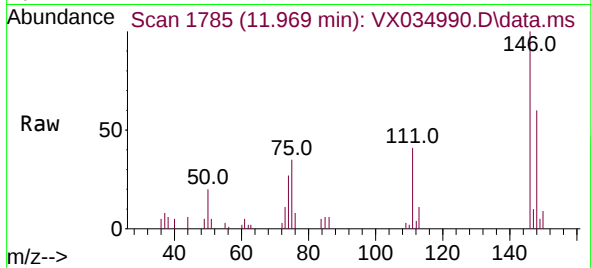




#64
1,3-Dichlorobenzene
Concen: 0.886 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

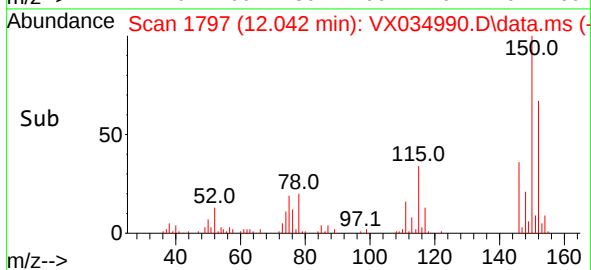
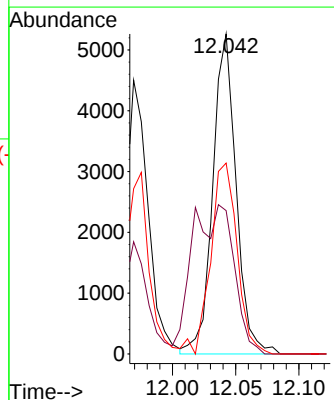
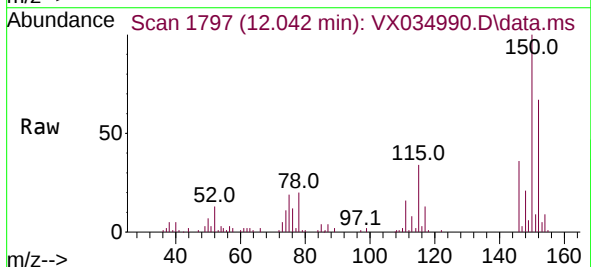
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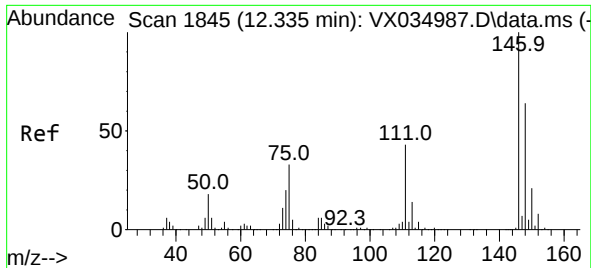
Tgt Ion:146 Resp: 5638
Ion Ratio Lower Upper
146 100
111 41.0 30.3 56.3
148 60.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 1.050 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

Tgt Ion:146 Resp: 6760
Ion Ratio Lower Upper
146 100
111 44.8 27.5 51.1
148 59.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.799 ug/L

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX034990.D

Acq: 10 Apr 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

VIBLK623

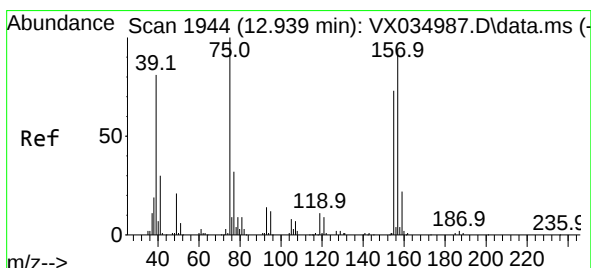
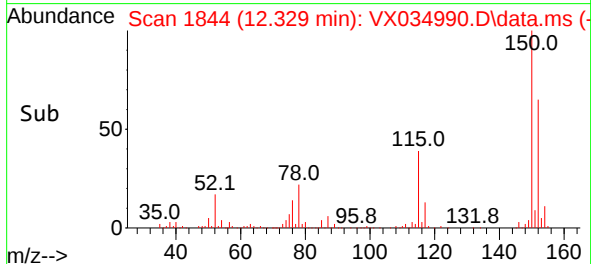
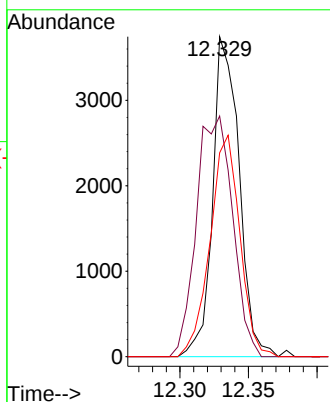
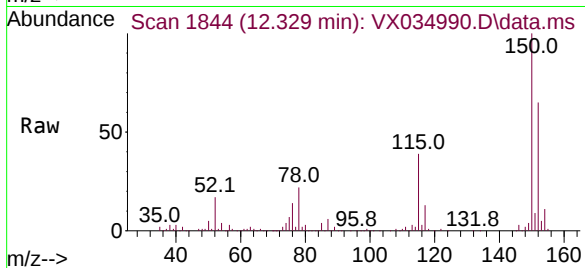
Tgt Ion:146 Resp: 5014

Ion Ratio Lower Upper

146 100

111 75.2 34.4 51.6#

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 2.162 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.170 min

Lab File: VX034990.D

Acq: 10 Apr 2023 11:58

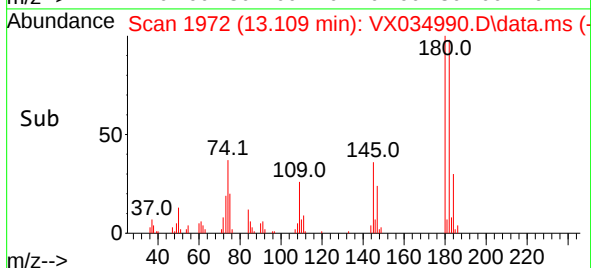
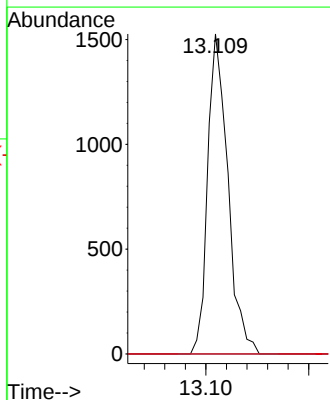
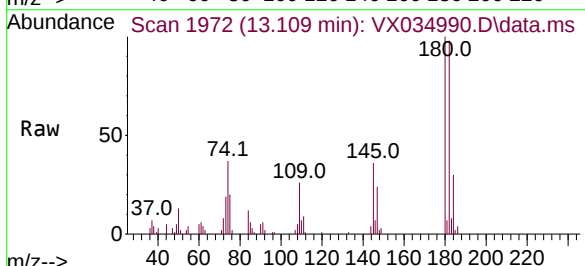
Tgt Ion: 75 Resp: 2077

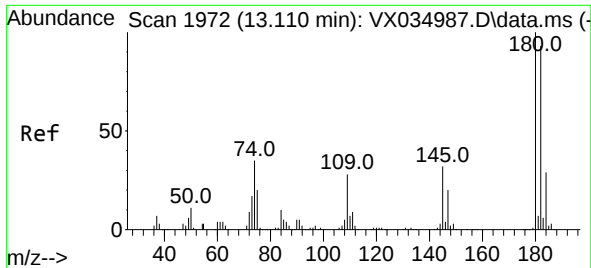
Ion Ratio Lower Upper

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155 0.0 58.0 87.0#

157 0.0 75.3 112.9#

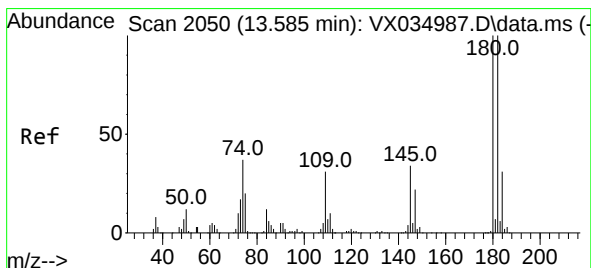
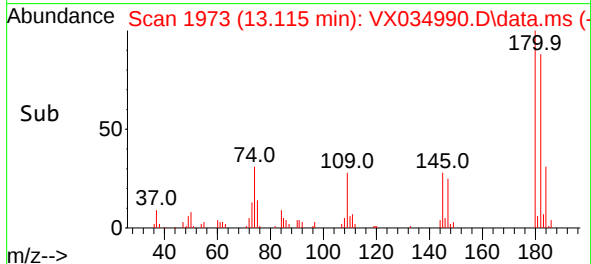
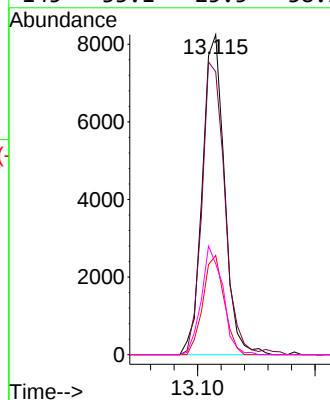
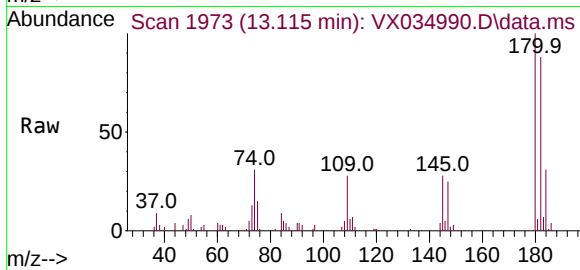




#69
1,3,5-Trichlorobenzene
Concen: 2.699 ug/L
RT: 13.115 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

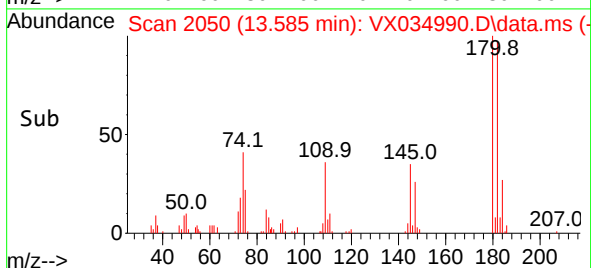
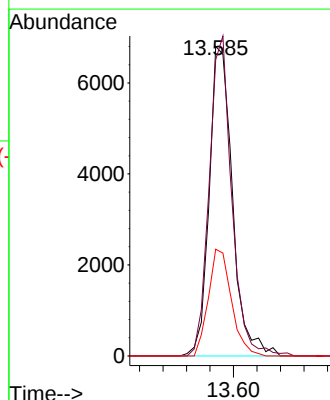
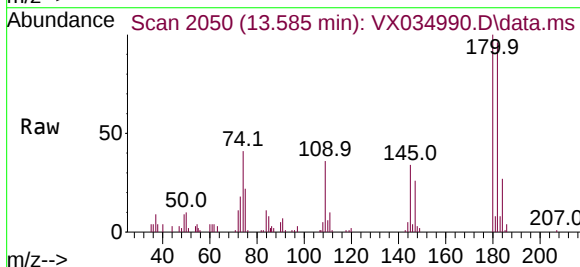
Instrument :
MSVOA_X
ClientSampleId :
VIBLK623

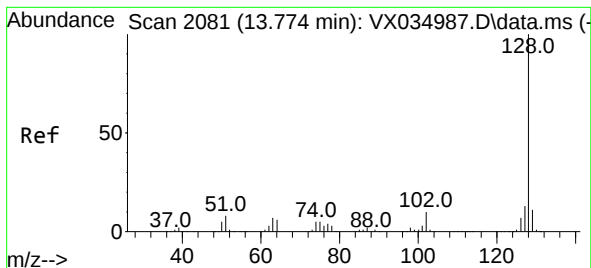
Tgt Ion:180 Resp: 10747
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
184 29.8 23.8 35.8
145 33.1 25.5 38.3



#70
1,2,4-trichlorobenzene
Concen: 2.527 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034990.D
Acq: 10 Apr 2023 11:58

Tgt Ion:180 Resp: 9361
Ion Ratio Lower Upper
180 100
182 99.5 77.0 115.4
145 34.3 26.7 40.1





#71

Naphthalene

Concen: 1.613 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034990.D

Acq: 10 Apr 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

VIBLK623

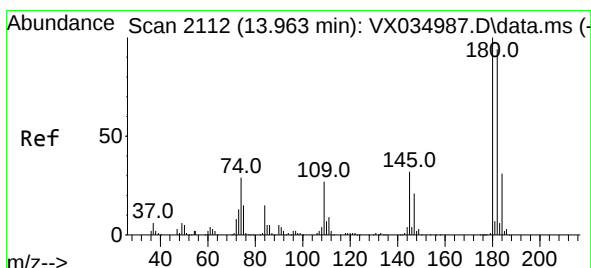
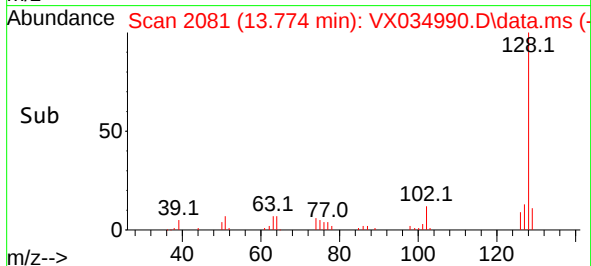
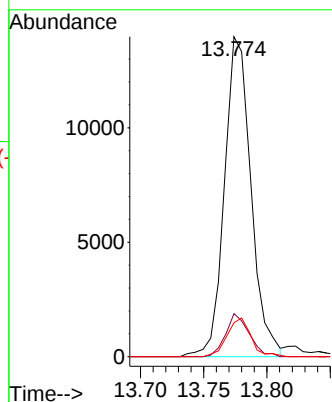
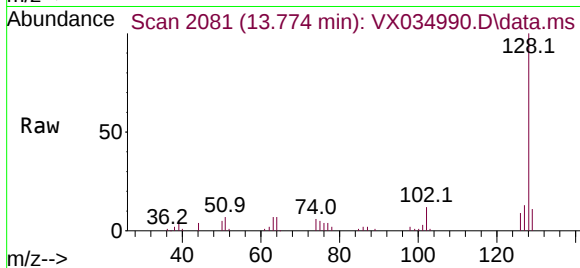
Tgt Ion:128 Resp: 20421

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 2.525 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034990.D

Acq: 10 Apr 2023 11:58

Tgt Ion:180 Resp: 9392

Ion Ratio Lower Upper

180 100

182 101.5 76.6 114.8

145 33.2 28.0 42.0

