

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX026000.D
 Acq On : 24 Dec 2021 03:43
 Operator : JC/MD
 Sample : M5171-14ME
 Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 06:50:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	217586	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	106213	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	92409	59.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 119.780%	
7) Chloroethane-d5	1.648	69	33318	27.020	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	= 54.040%#	
11) 1,1-Dichloroethene-d2	2.276	63	138609	45.331	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.660%	
21) 2-Butanone-d5	4.495	46	113317	84.707	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	= 84.710%	
24) Chloroform-d	5.062	84	155210	50.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.540%	
26) 1,2-Dichloroethane-d4	5.958	65	111835	53.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.980%	
32) Benzene-d6	5.970	84	344520	59.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 118.140%	
36) 1,2-Dichloropropane-d6	7.312	67	102255	56.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 112.820%	
41) Toluene-d8	8.653	98	307595	56.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.980%	
43) trans-1,3-Dichloroprop...	8.952	79	27522	34.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 69.780%	
47) 2-Hexanone-d5	9.403	63	98568	105.352	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.350%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136261	50.975	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.960%	
66) 1,2-Dichlorobenzene-d4	12.323	152	118811	59.196	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 118.400%	
Target Compounds						Qvalue
13) Acetone	2.422	43	2337	3.195	ug/L	67
22) 2-Butanone	4.593	43	4392	3.225	ug/L	92
35) Methylcyclohexane	7.312	83	24440	9.382	ug/L #	20
39) cis-1,3-Dichloropropene	8.324	75	2332	0.994	ug/L #	76
52) Ethylbenzene	10.195	91	28552	3.842	ug/L	93
53) m,p-Xylene	10.305	106	3997	1.409	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.220	83	2077	0.784	ug/L #	50
60) Isopropylbenzene	10.963	105	76774	10.521	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	7015	1.148	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	92205	15.064	ug/L #	80
65) 1,4-Dichlorobenzene	12.043	146	5382	1.642	ug/L #	73
67) 1,2-Dichlorobenzene	12.341	146	16494	5.123	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.927	75	1062	1.899	ug/L #	1
70) 1,2,4-trichlorobenzene	13.591	180	3212	1.650	ug/L #	61
71) Naphthalene	13.780	128	605190	82.242	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1543	0.768	ug/L #	1

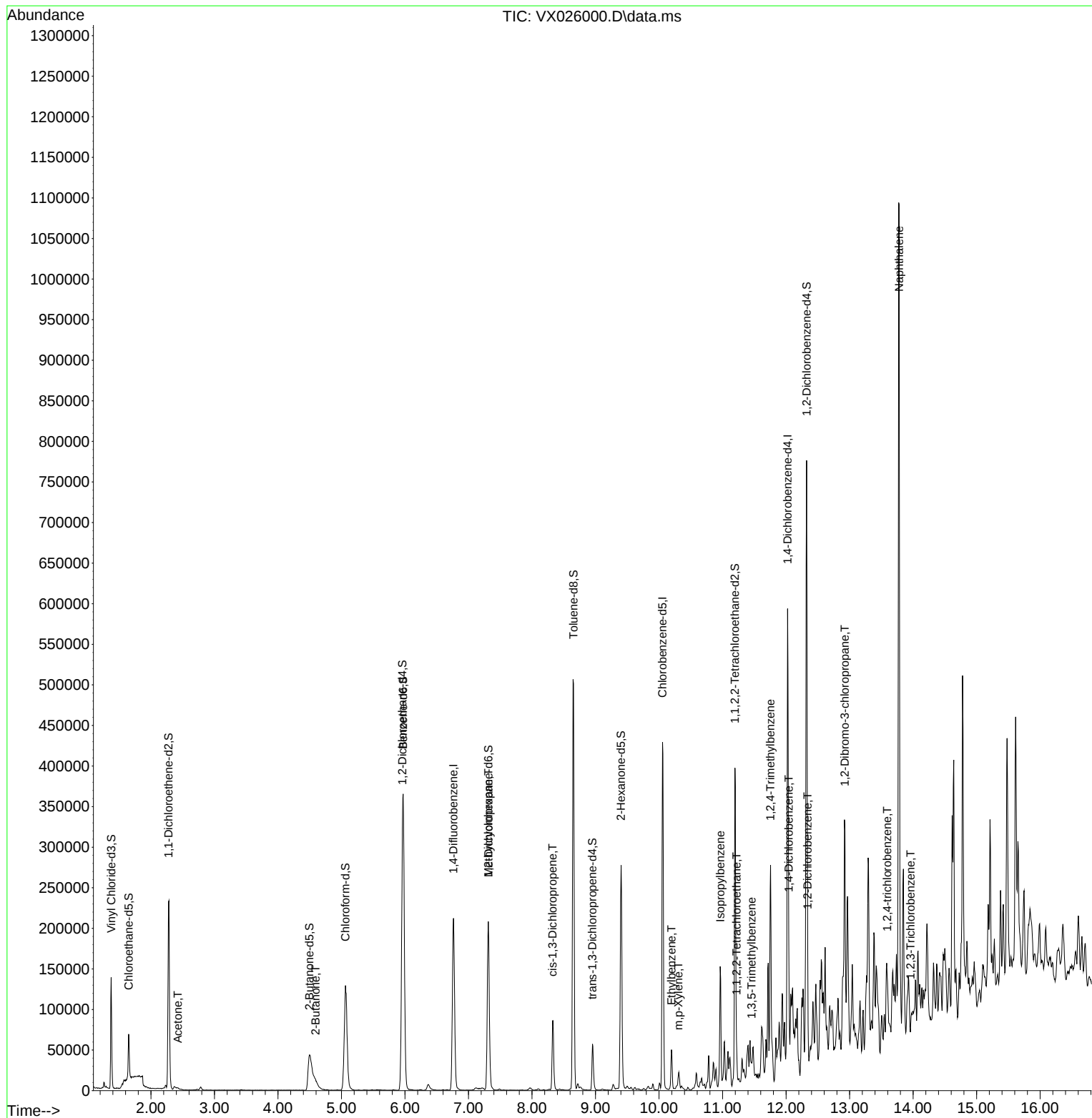
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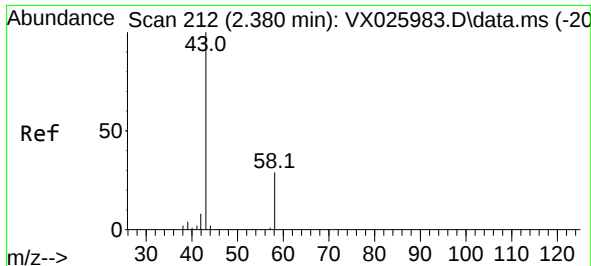
Instrument :
MSVOA_X
ClientSampleId :

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MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration





#13

Acetone

Concen: 3.195 ug/L

RT: 2.422 min Scan# 21

Delta R.T. 0.043 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Instrument :

MSVOA_X

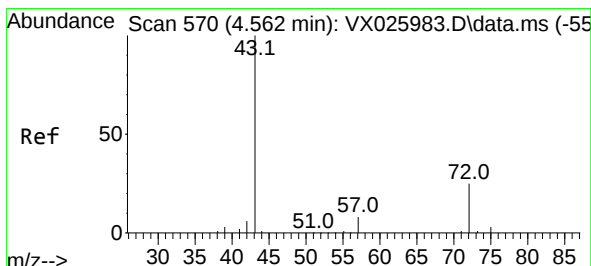
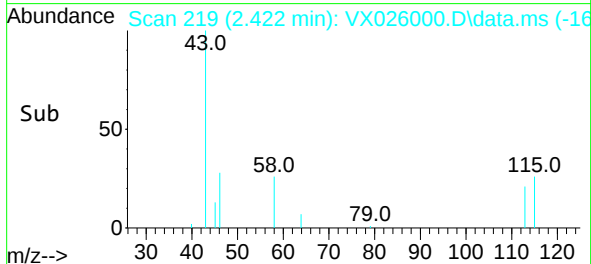
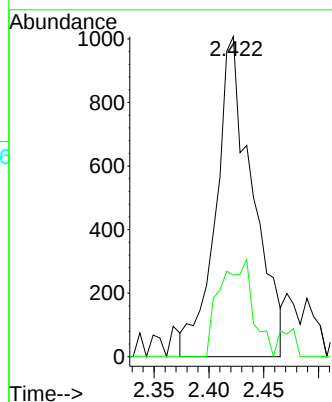
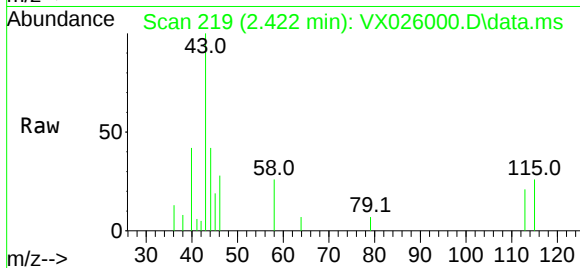
ClientSampleId :

Tgt Ion: 43 Resp: 2337

Ion Ratio Lower Upper

43 100

58 14.4 0.0 65.6



#22

2-Butanone

Concen: 3.225 ug/L

RT: 4.593 min Scan# 575

Delta R.T. 0.030 min

Lab File: VX026000.D

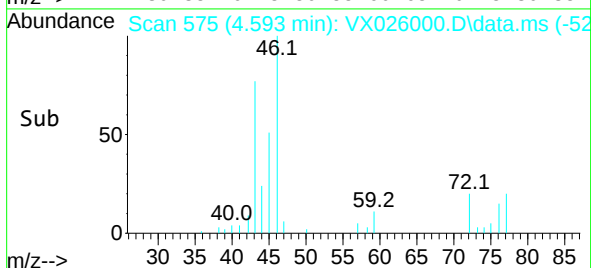
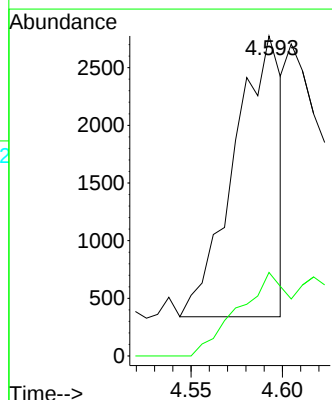
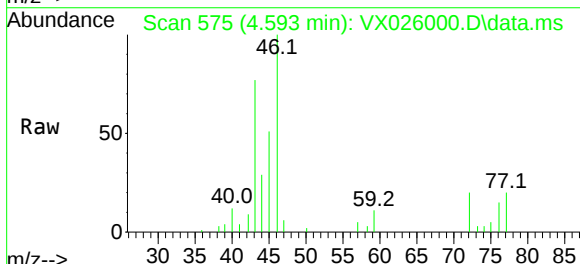
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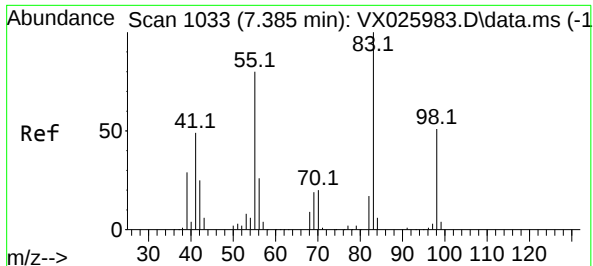
Tgt Ion: 43 Resp: 4392

Ion Ratio Lower Upper

43 100

72 31.4 13.8 41.3





#35

Methylcyclohexane

Concen: 9.382 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.073 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Instrument :

MSVOA_X

ClientSampleId :

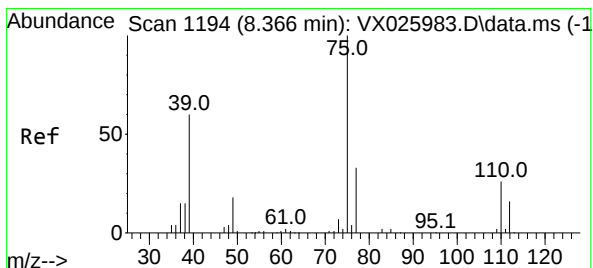
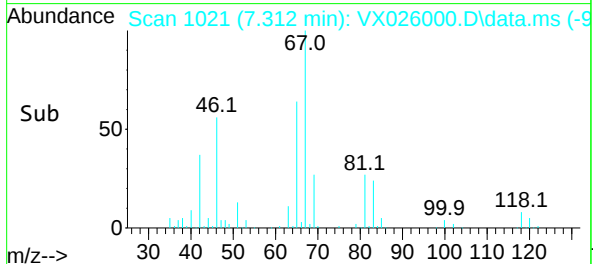
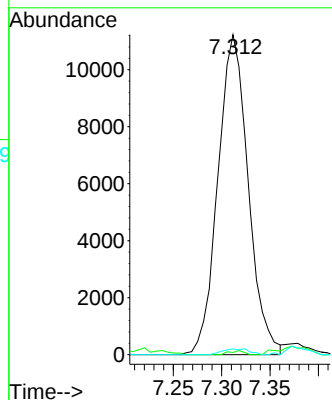
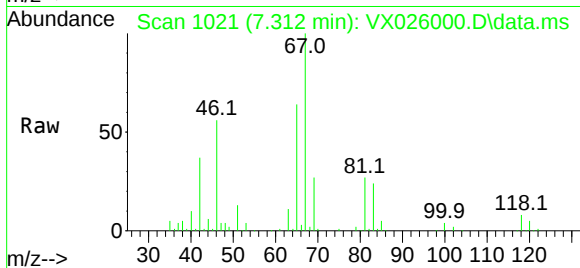
Tgt Ion: 83 Resp: 24440

Ion Ratio Lower Upper

83 100

55 0.6 57.3 85.9#

98 1.1 41.1 61.7#



#39

cis-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX026000.D

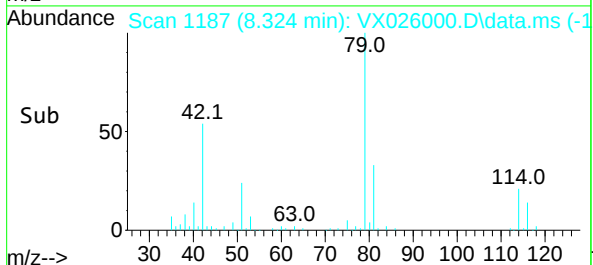
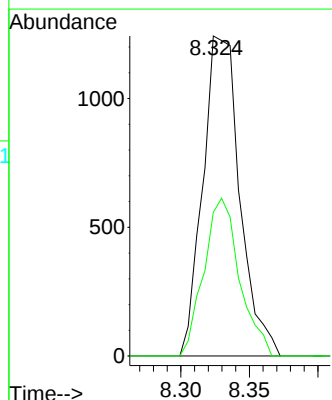
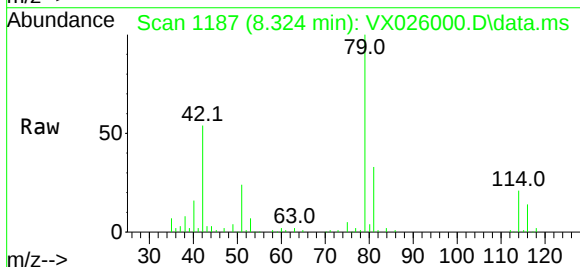
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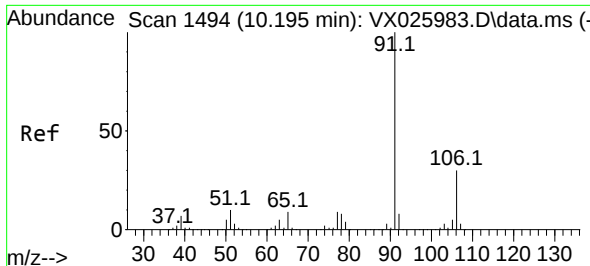
Tgt Ion: 75 Resp: 2332

Ion Ratio Lower Upper

75 100

77 44.9 22.3 41.3#

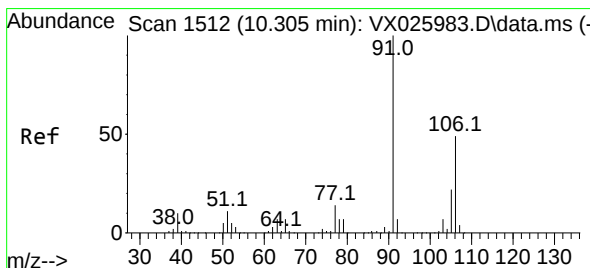
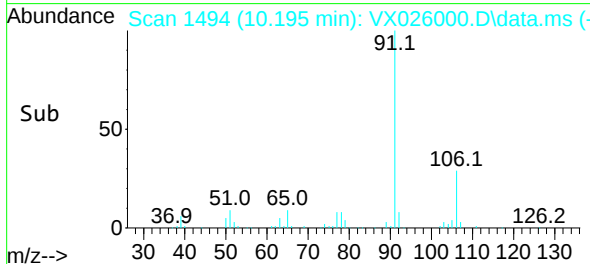
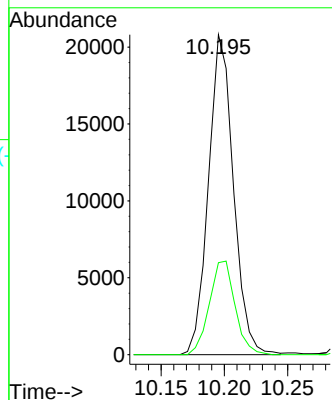
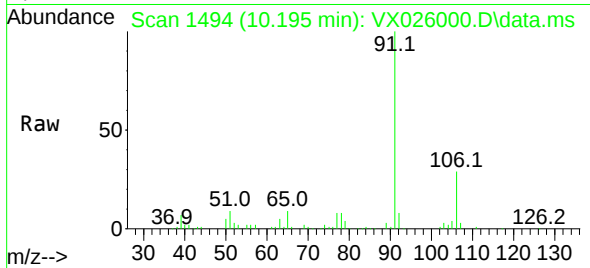




#52
Ethylbenzene
Concen: 3.842 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

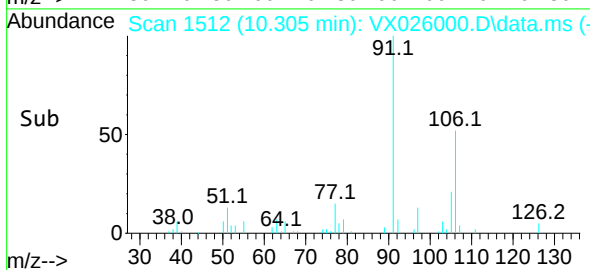
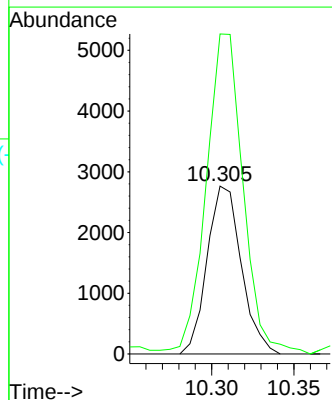
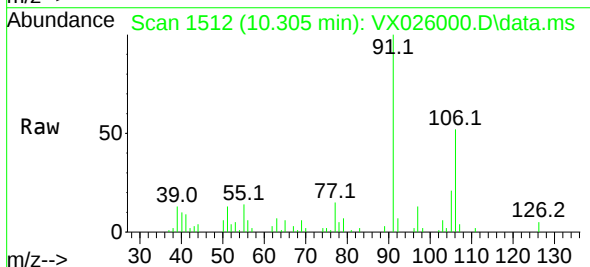
Instrument :
MSVOA_X
ClientSampleId :

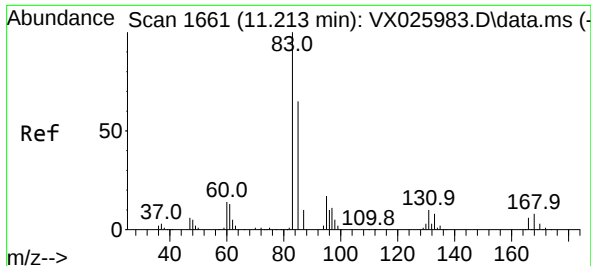
Tgt Ion: 91 Resp: 28552
Ion Ratio Lower Upper
91 100
106 28.8 23.1 42.9



#53
m,p-Xylene
Concen: 1.409 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Tgt Ion: 106 Resp: 3997
Ion Ratio Lower Upper
106 100
91 190.6 136.8 254.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.784 ug/L

RT: 11.220 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Instrument :

MSVOA_X

ClientSampleId :

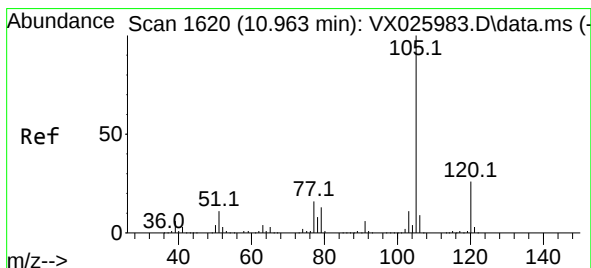
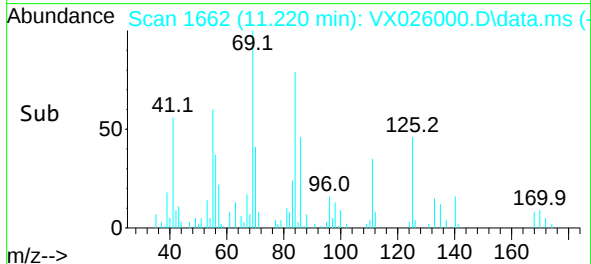
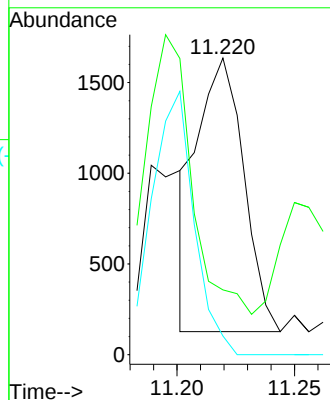
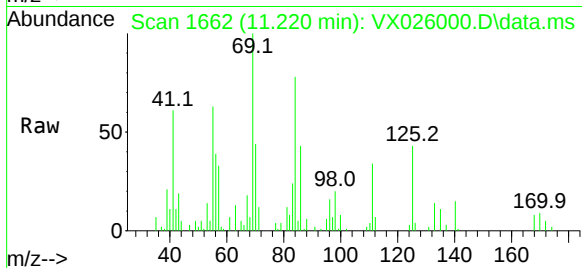
Tgt Ion: 83 Resp: 2077

Ion Ratio Lower Upper

83 100

85 21.8 47.0 87.2#

131 6.3 8.5 12.7#



#60

Isopropylbenzene

Concen: 10.521 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

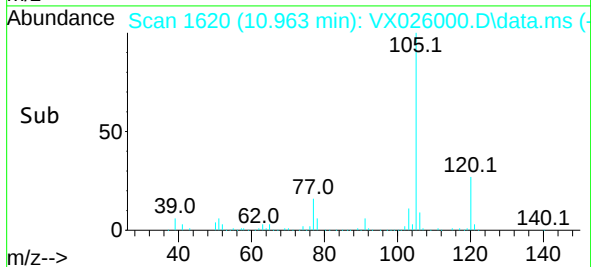
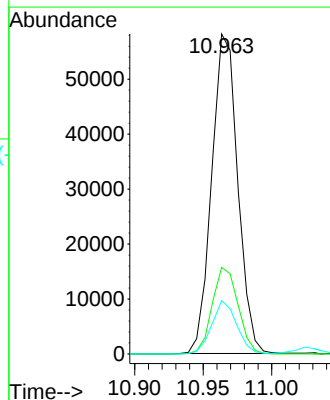
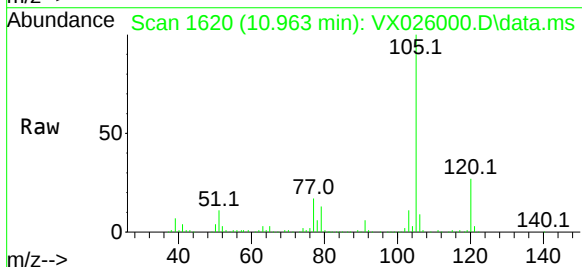
Tgt Ion:105 Resp: 76774

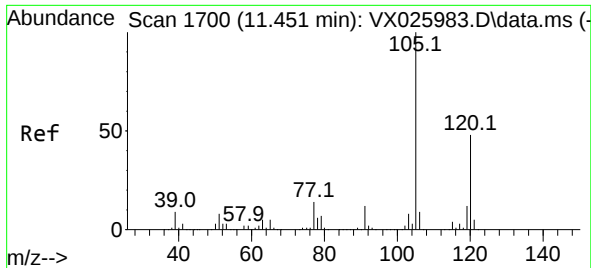
Ion Ratio Lower Upper

105 100

120 26.9 22.3 33.5

77 16.1 11.5 17.3

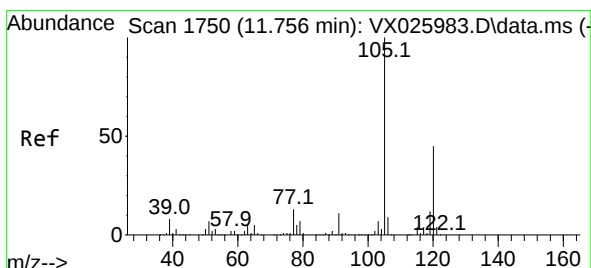
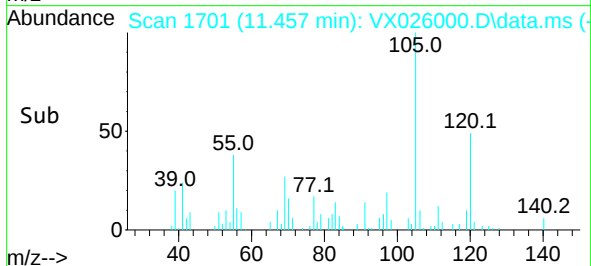
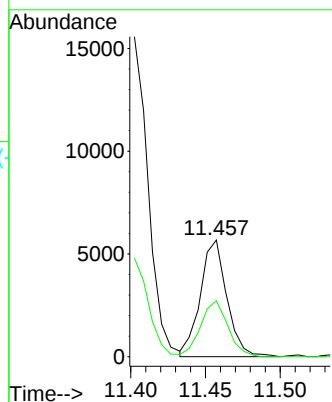
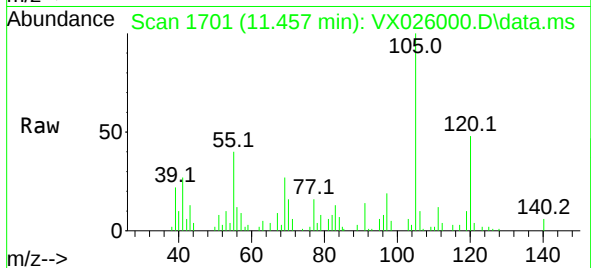




#62
 1,3,5-Trimethylbenzene
 Concen: 1.148 ug/L
 RT: 11.457 min Scan# 1701
 Delta R.T. 0.006 min
 Lab File: VX026000.D
 Acq: 24 Dec 2021 03:43

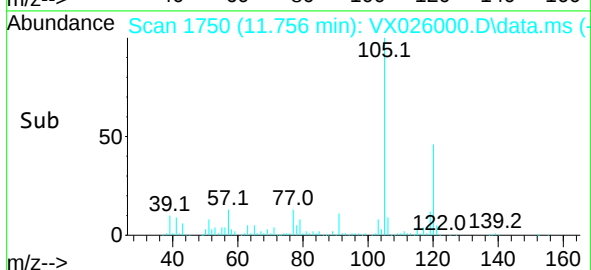
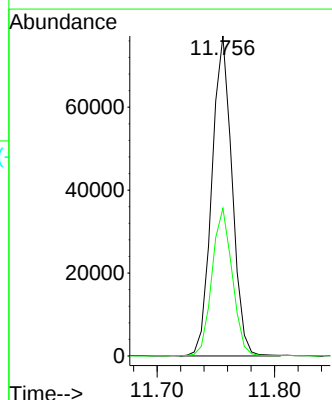
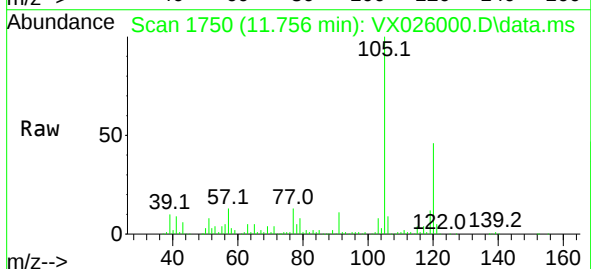
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 ClientSampleId :

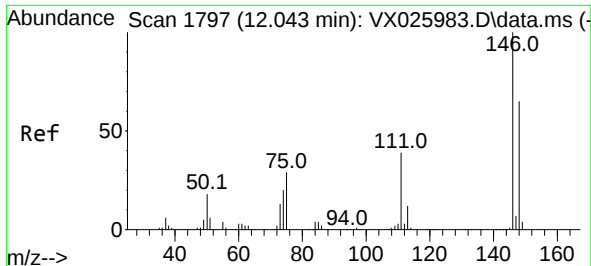
Tgt Ion:105 Resp: 7015
 Ion Ratio Lower Upper
 105 100
 120 49.2 41.0 61.4



#63
 1,2,4-Trimethylbenzene
 Concen: 15.064 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX026000.D
 Acq: 24 Dec 2021 03:43

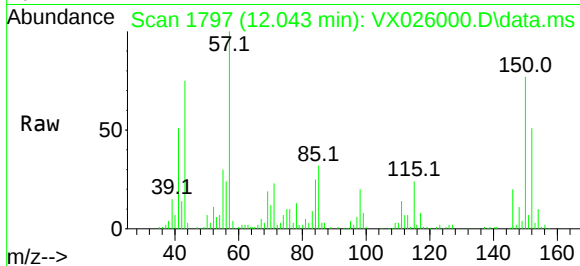
Tgt Ion:105 Resp: 92205
 Ion Ratio Lower Upper
 105 100
 120 46.2 0.1 0.1#



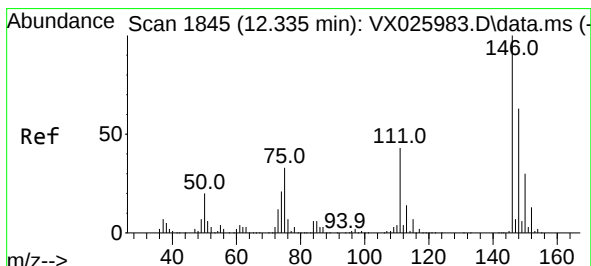
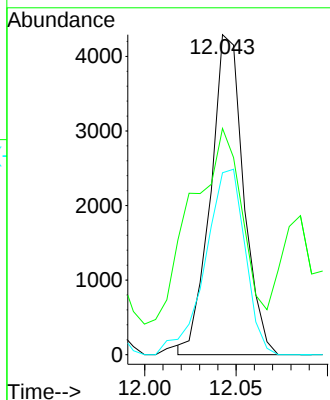
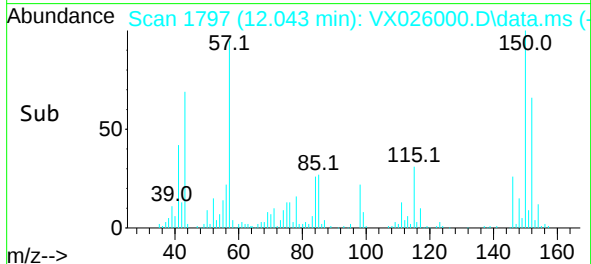


#65
1,4-Dichlorobenzene
Concen: 1.642 ug/L
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

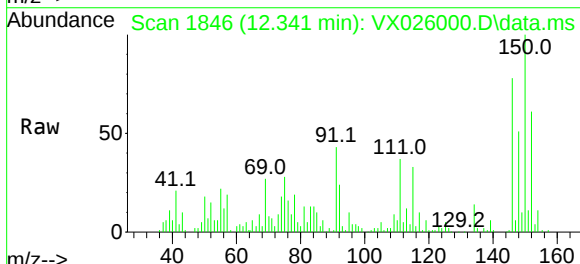
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MSVOA_X
ClientSampleId :



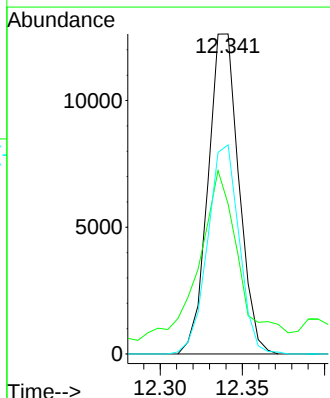
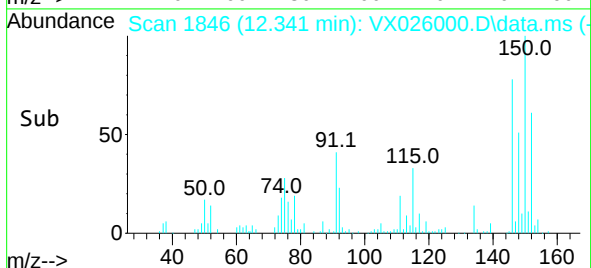
Tgt Ion:146 Resp: 5382
Ion Ratio Lower Upper
146 100
111 70.7 26.5 49.3#
148 56.9 45.5 84.5

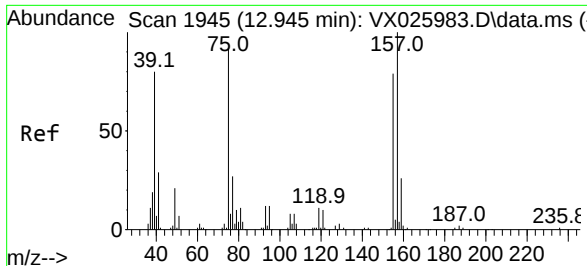


#67
1,2-Dichlorobenzene
Concen: 5.123 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43



Tgt Ion:146 Resp: 16494
Ion Ratio Lower Upper
146 100
111 46.9 32.3 48.5
148 65.4 50.3 75.5

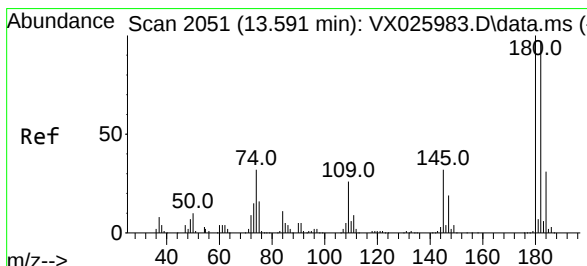
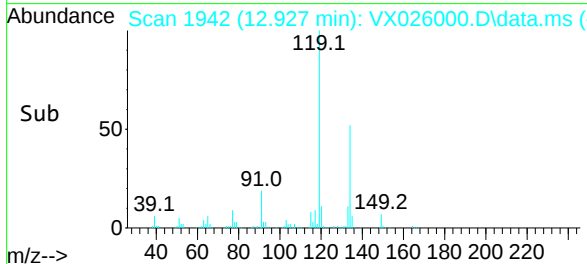
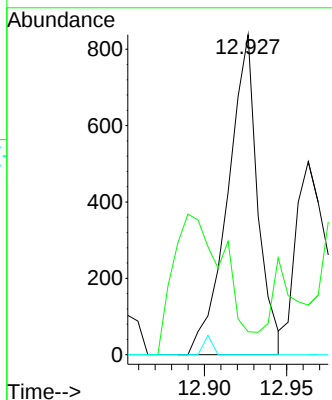
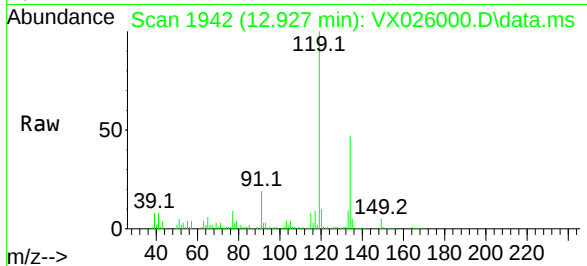




#68
1,2-Dibromo-3-chloropropane
Concen: 1.899 ug/L
RT: 12.927 min Scan# 1945
Delta R.T. -0.018 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

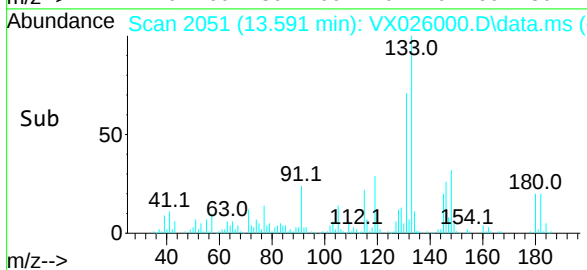
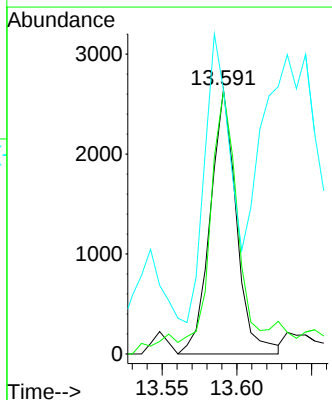
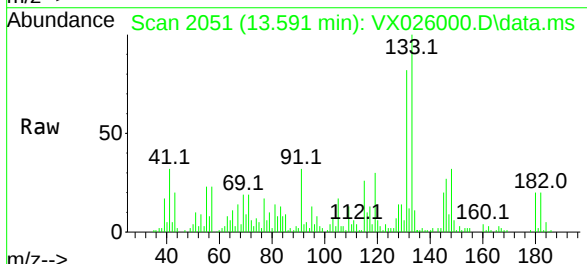
Instrument :
MSVOA_X
ClientSampleId :

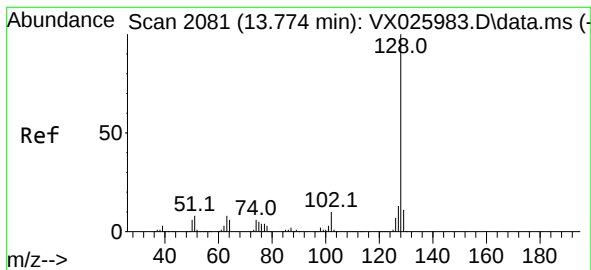
Tgt Ion: 75 Resp: 1062
Ion Ratio Lower Upper
75 100
155 7.2 79.4 119.2#
157 0.0 100.4 150.6#



#70
1,2,4-trichlorobenzene
Concen: 1.650 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX026000.D
Acq: 24 Dec 2021 03:43

Tgt Ion: 180 Resp: 3212
Ion Ratio Lower Upper
180 100
182 91.1 78.2 117.4
145 108.7 24.7 37.1#





#71

Naphthalene

Concen: 82.242 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Instrument :

MSVOA_X

ClientSampleId :

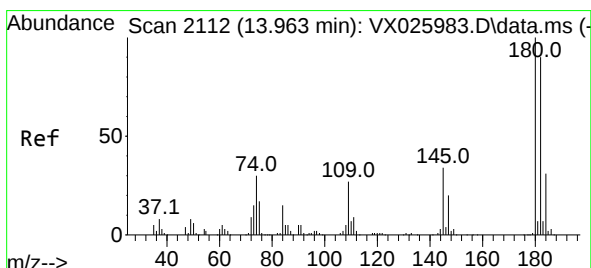
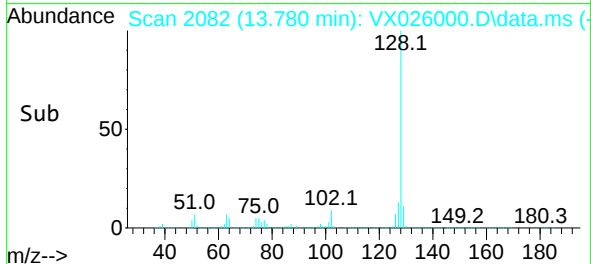
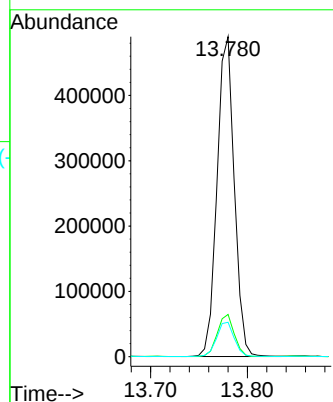
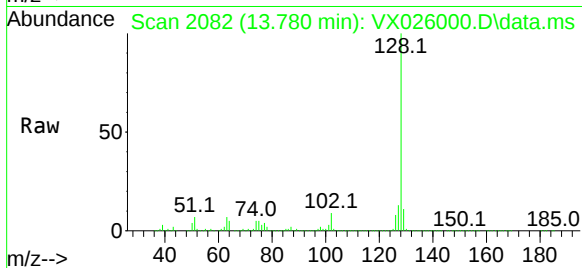
Tgt Ion:128 Resp: 605190

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 0.768 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX026000.D

Acq: 24 Dec 2021 03:43

Tgt Ion:180 Resp: 1543

Ion Ratio Lower Upper

180 100

182 75.6 75.2 112.8

145 359.7 25.8 38.6#

