

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071422\
 Data File : VW026781.D
 Acq On : 14 Jul 2022 16:43
 Operator : SY/MD
 Sample : N3704-06DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ5DL

Quant Time: Jul 15 06:44:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 15 06:40:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	221489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	229835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	91392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65957	3.264	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.561	69	64937	3.719	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.101	63	95220	2.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.892	46	139509	44.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.480%
24) Chloroform-d	4.346	84	163185	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.030	65	71386	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	259363	3.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
36) 1,2-Dichloropropane-d6	6.066	67	93011	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.313	98	182831	2.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.000%#
43) trans-1,3-Dichloroprop...	7.625	79	23029	3.361	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.088	63	129442	43.640	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	75260	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	71144	4.468	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	387856	14.354	ug/L	99
6) Bromomethane	1.535	94	5928	0.360	ug/L	100
16) Methylene chloride	2.503	84	10623	0.459	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	637	0.036	ug/L #	72
22) cis-1,2-Dichloroethene	3.902	96	1457	0.081	ug/L	96
25) Chloroform	4.371	83	166961	4.891	ug/L	98
35) Methylcyclohexane	6.066	83	21797	0.756	ug/L #	20
37) 1,2-Dichloropropane	6.066	63	9742	0.530	ug/L #	87
38) Bromodichloromethane	6.509	83	35107	1.466	ug/L	98
39) cis-1,3-Dichloropropene	6.985	75	1764	0.077	ug/L #	42
47) Tetrachloroethene	7.976	164	12863	0.868	ug/L	97
49) Dibromochloromethane	8.246	129	15623	1.009	ug/L	93
52) Ethylbenzene	9.017	91	7075	0.092	ug/L	98
53) m,p-Xylene	9.021	106	2172	0.073	ug/L #	29
59) Bromoform	9.731	173	5088	0.868	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	11159	1.324	ug/L #	63

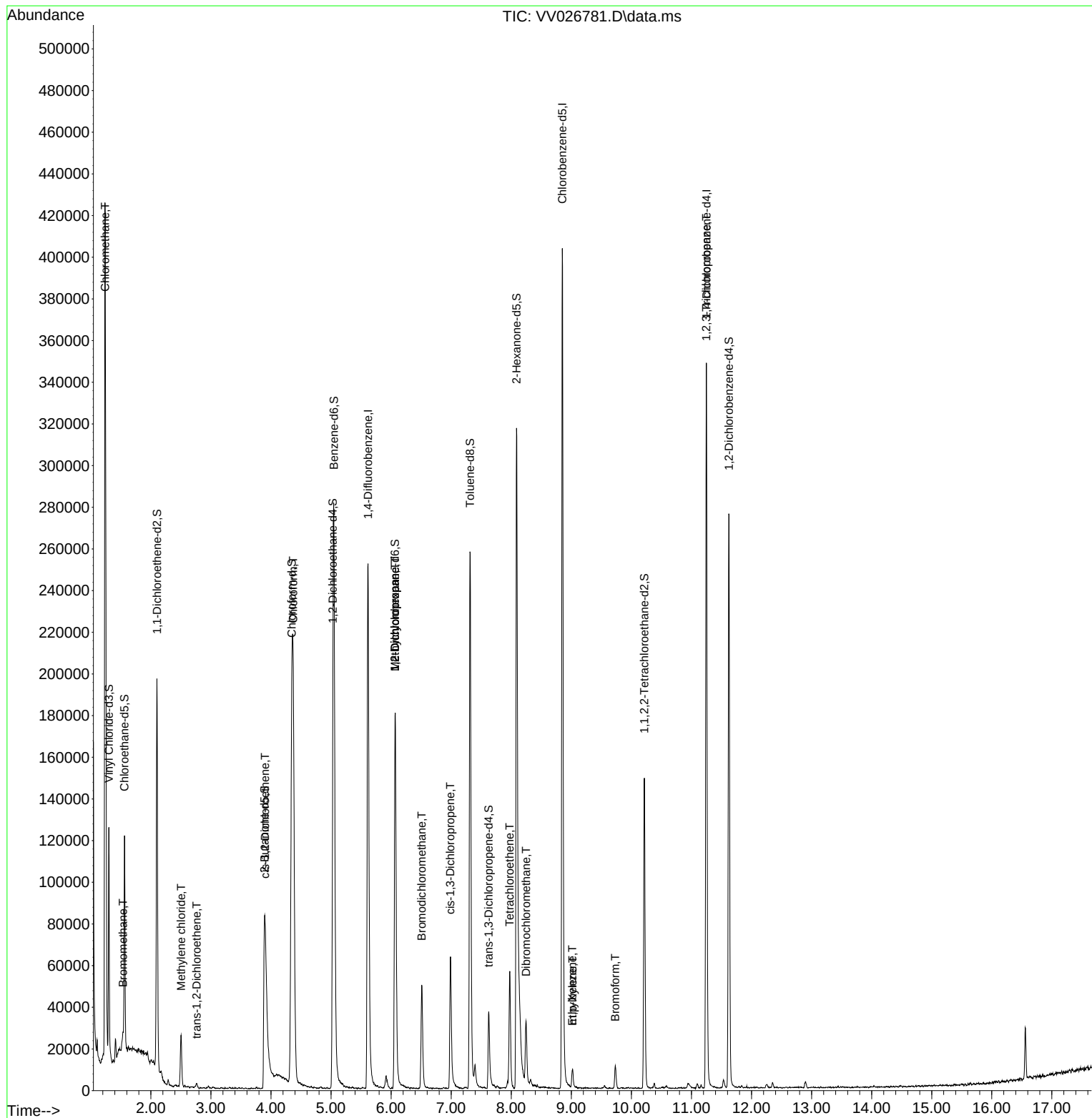
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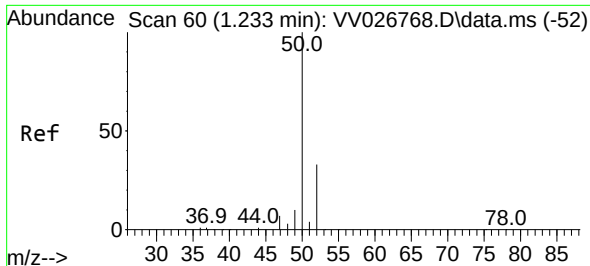
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

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Quant Title : TRACE VOA SFAM1.0
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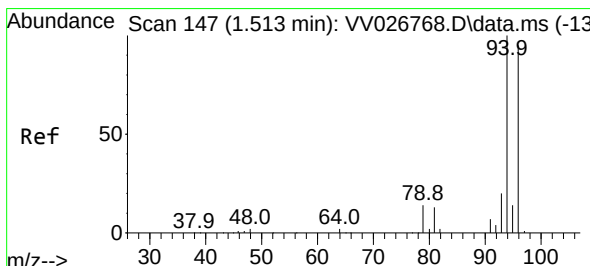
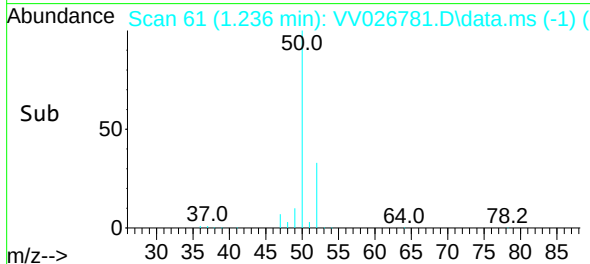
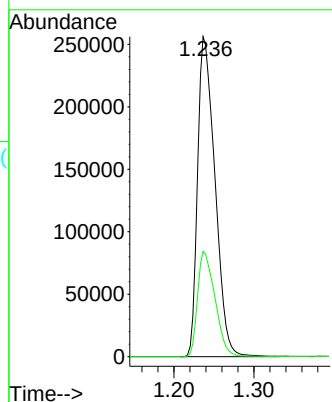
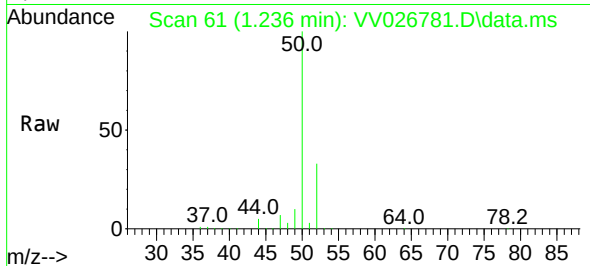




#3
Chloromethane
Concen: 14.354 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

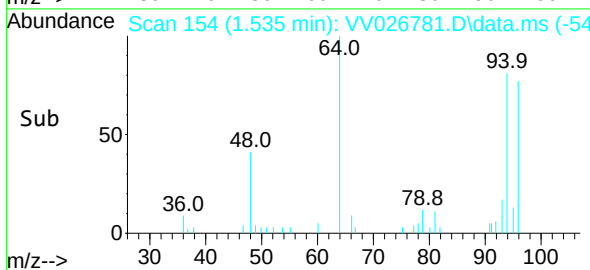
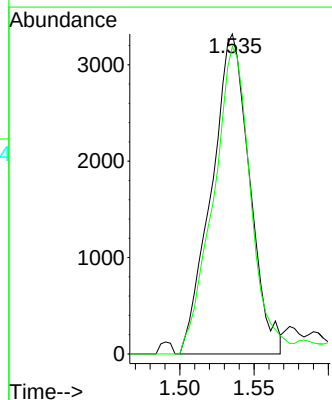
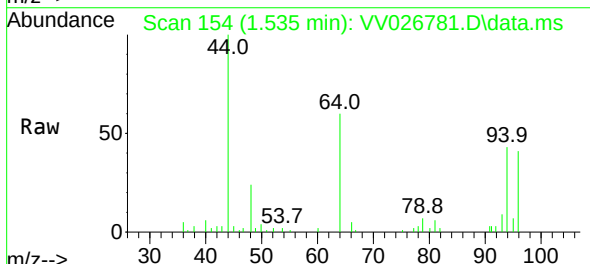
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ClientSampleId :
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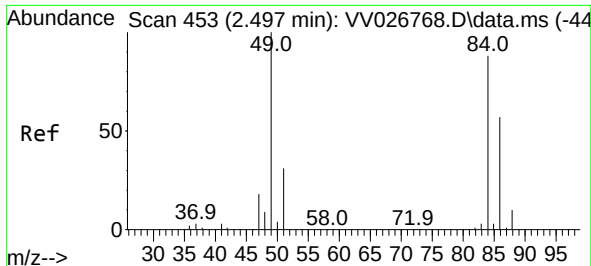
Tgt Ion: 50 Resp: 387856
Ion Ratio Lower Upper
50 100
52 32.9 22.8 42.4



#6
Bromomethane
Concen: 0.360 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.022 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 94 Resp: 5928
Ion Ratio Lower Upper
94 100
96 96.1 67.1 124.7

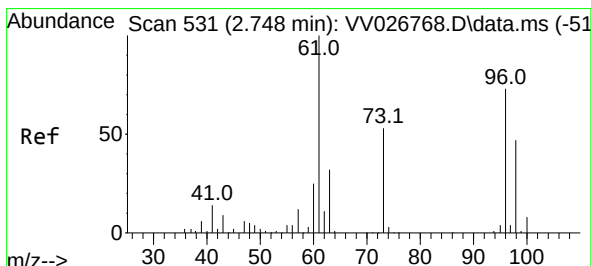
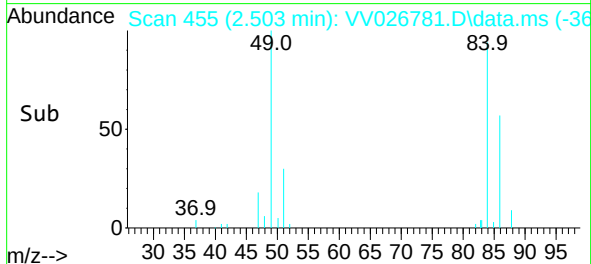
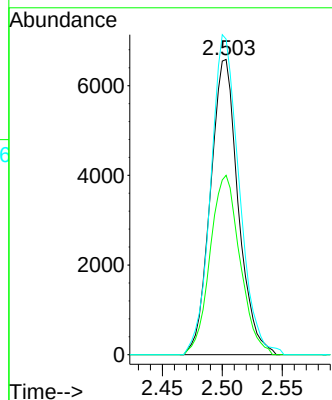
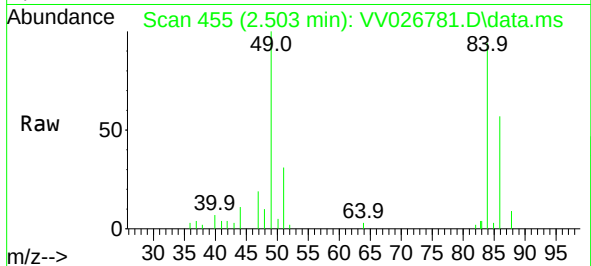




#16
Methylene chloride
Concen: 0.459 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

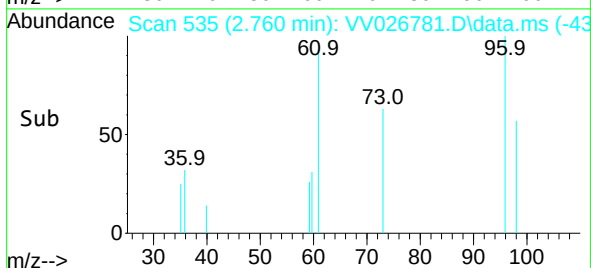
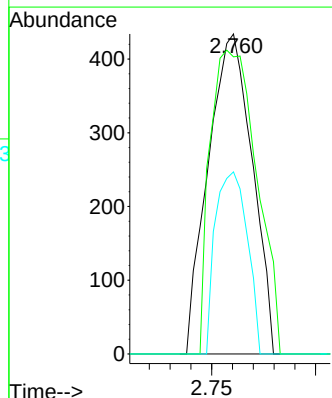
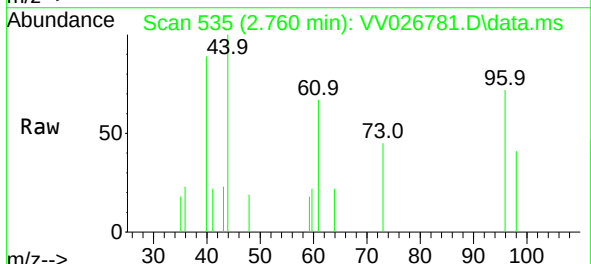
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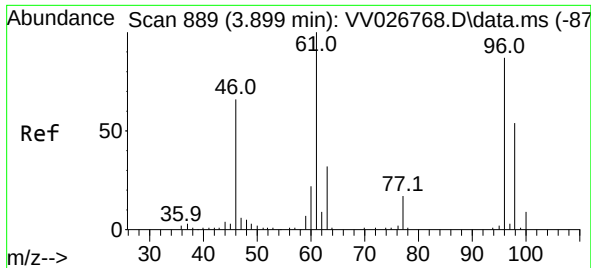
Tgt Ion: 84 Resp: 10623
Ion Ratio Lower Upper
84 100
86 60.7 44.8 83.2
49 106.9 78.7 146.1



#18
trans-1,2-Dichloroethene
Concen: 0.036 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.013 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 96 Resp: 637
Ion Ratio Lower Upper
96 100
61 92.9 94.7 175.9#
98 56.9 47.4 88.0

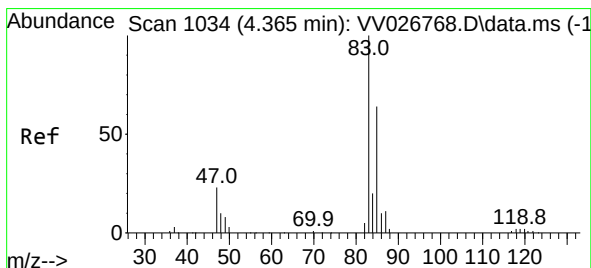
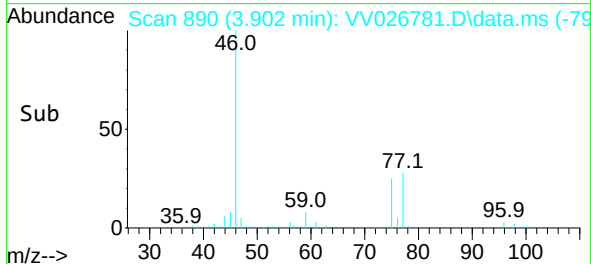
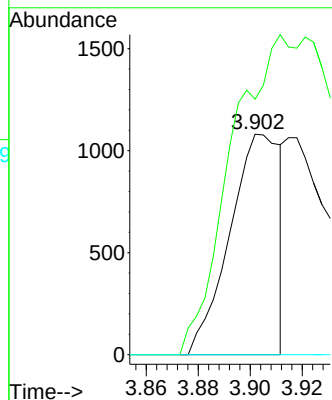
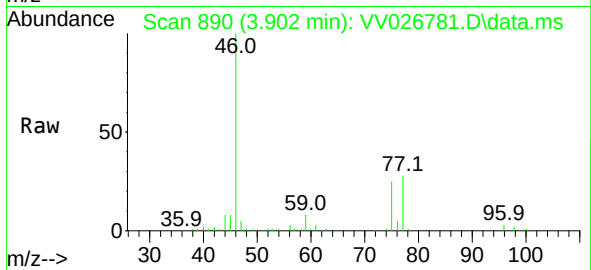




#22
cis-1,2-Dichloroethene
Concen: 0.081 ug/L
RT: 3.902 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

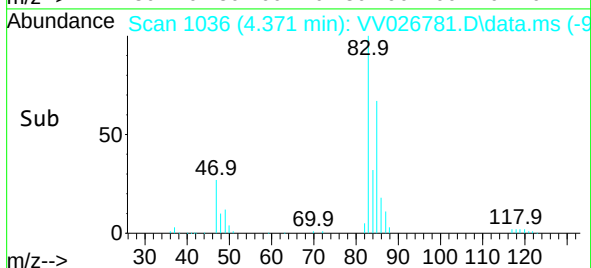
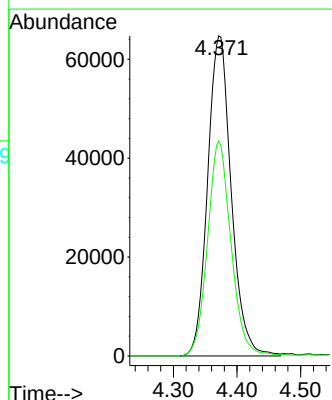
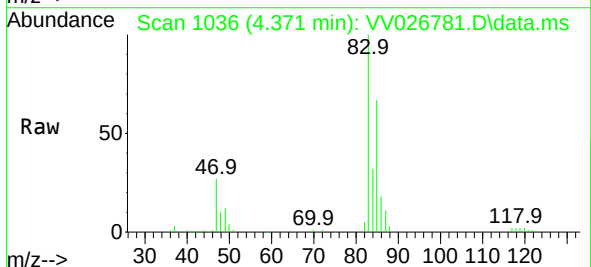
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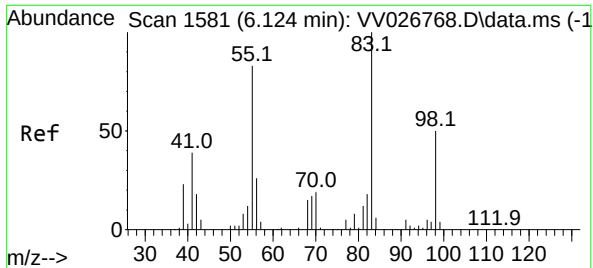
Tgt Ion: 96 Resp: 1457
Ion Ratio Lower Upper
96 100
61 115.9 83.9 155.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 4.891 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 83 Resp: 166961
Ion Ratio Lower Upper
83 100
85 67.1 45.7 84.9

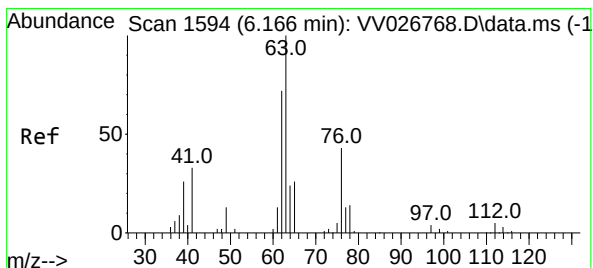
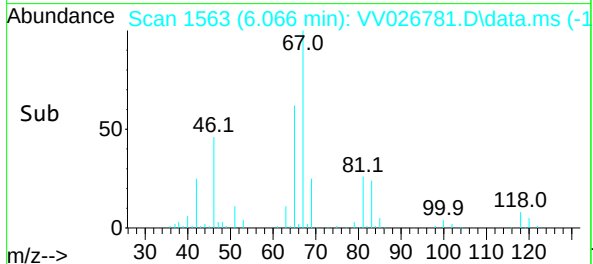
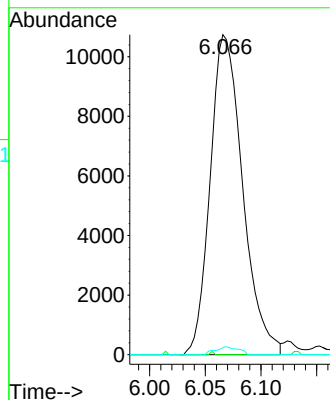
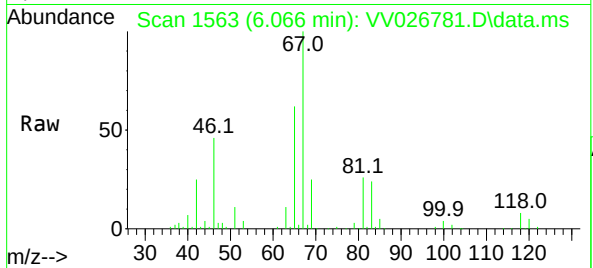




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

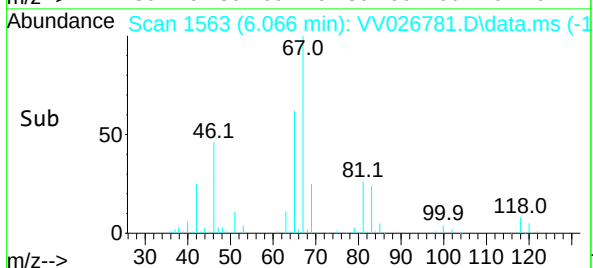
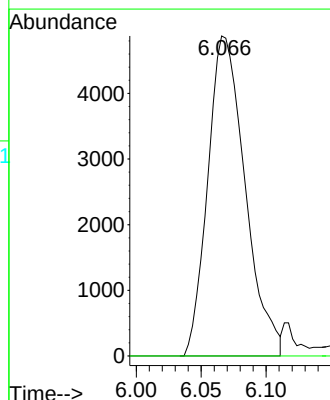
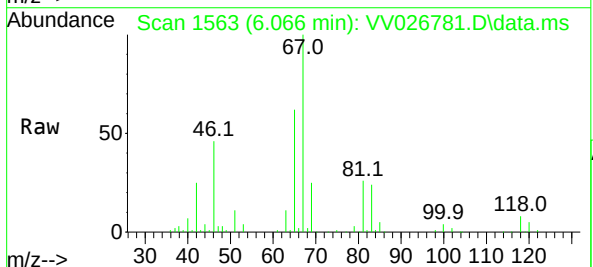
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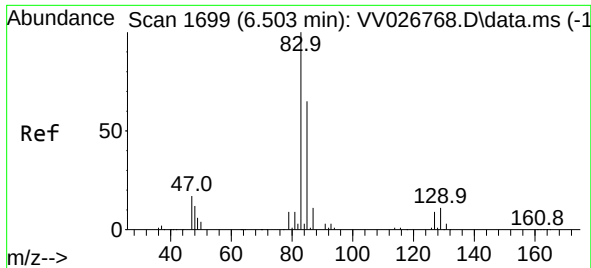
Tgt Ion: 83 Resp: 21797
Ion Ratio Lower Upper
83 100
55 0.1 59.5 89.3#
98 1.8 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 63 Resp: 9742
Ion Ratio Lower Upper
63 100
112 0.8 4.2 6.2#

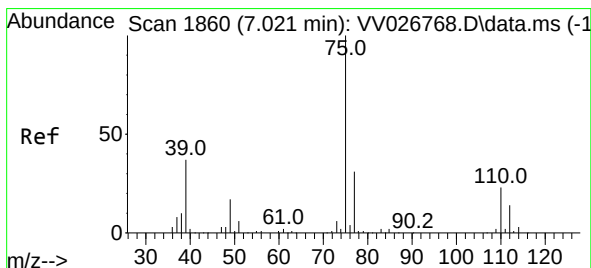
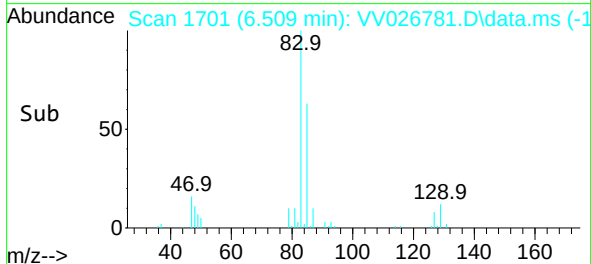
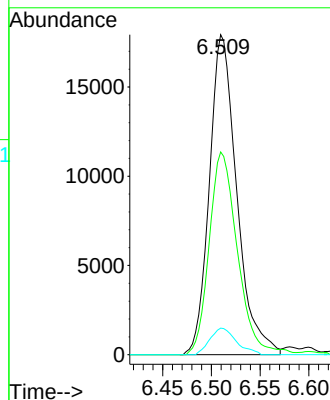
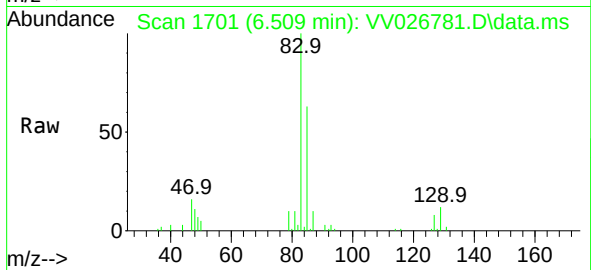




#38
Bromodichloromethane
Concen: 1.466 ug/L
RT: 6.509 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

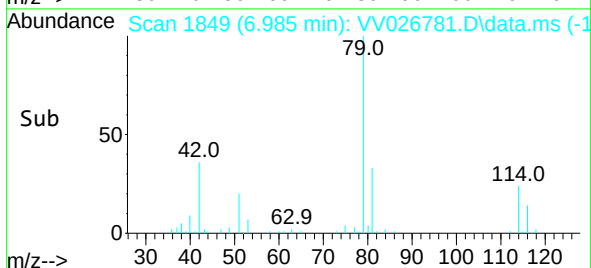
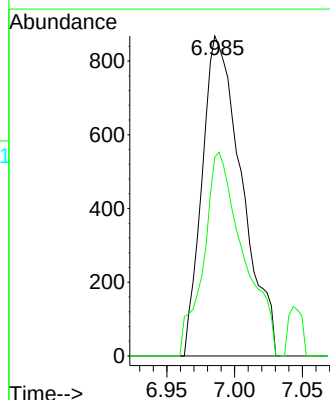
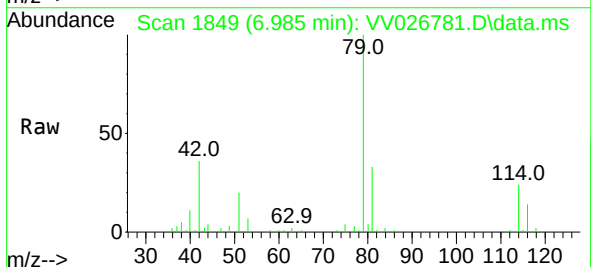
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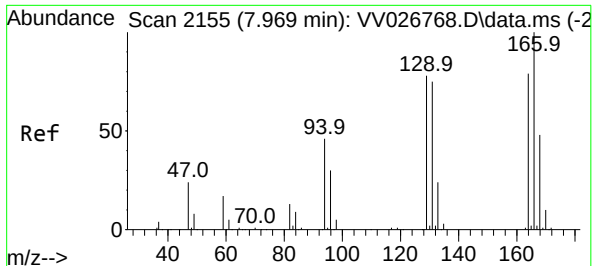
Tgt Ion: 83 Resp: 35107
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.4
127 8.3 6.6 10.0



#39
cis-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 75 Resp: 1764
Ion Ratio Lower Upper
75 100
77 62.1 21.4 39.8#





#47

Tetrachloroethene

Concen: 0.868 ug/L

RT: 7.976 min Scan# 2155

Delta R.T. 0.006 min

Lab File: VV026781.D

Acq: 14 Jul 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

C0AJ5DL

Tgt Ion:164 Resp: 12863

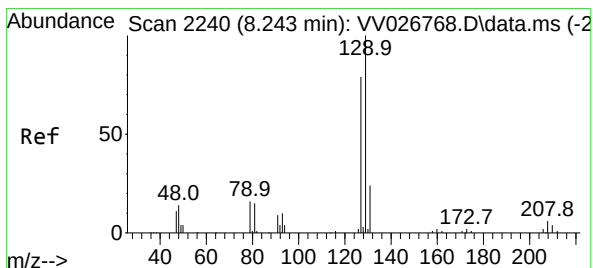
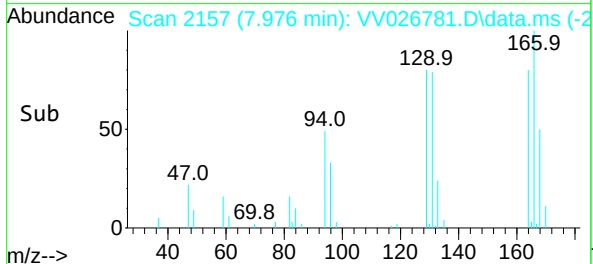
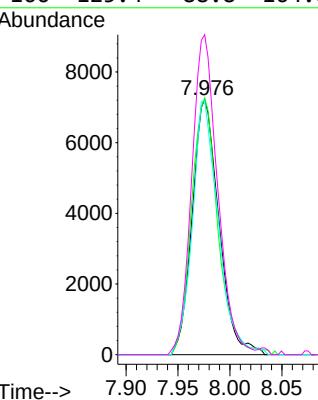
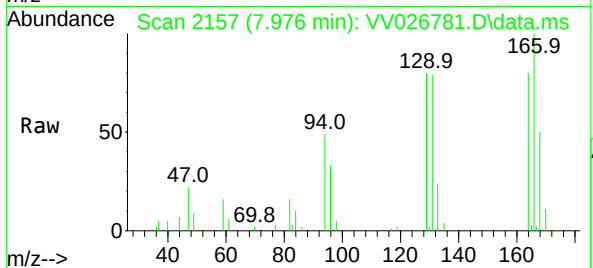
Ion Ratio Lower Upper

164 100

129 100.6 67.8 125.8

131 99.5 65.9 122.5

166 125.4 88.8 164.8



#49

Dibromochloromethane

Concen: 1.009 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV026781.D

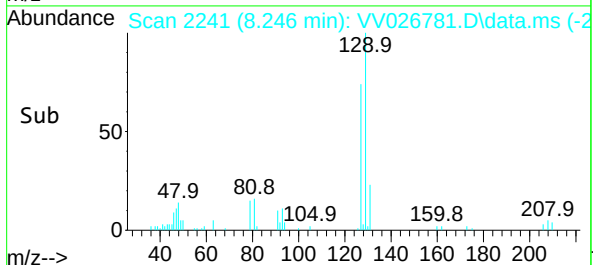
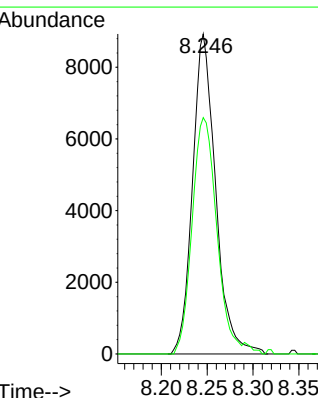
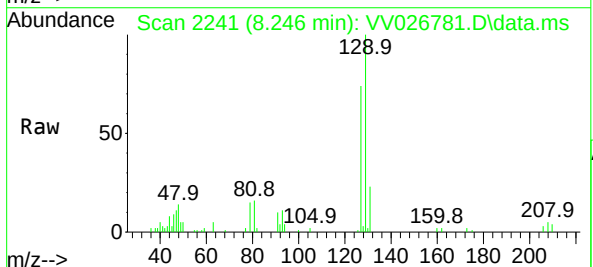
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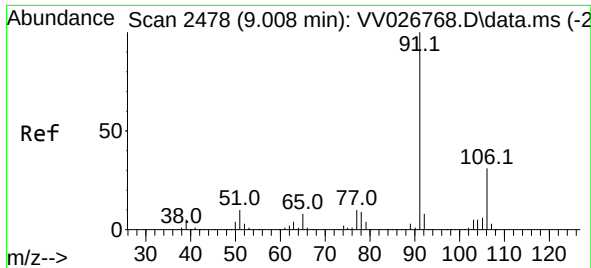
Tgt Ion:129 Resp: 15623

Ion Ratio Lower Upper

129 100

127 73.8 55.7 103.5

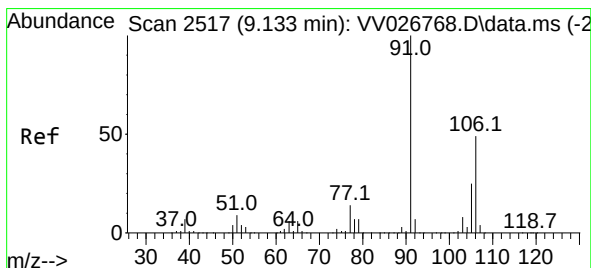
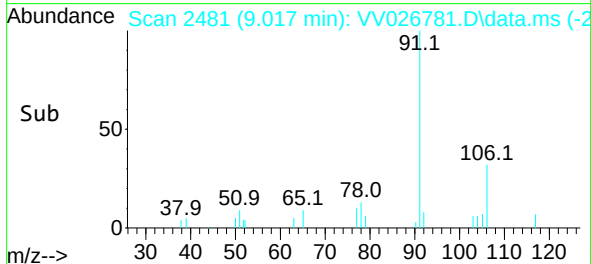
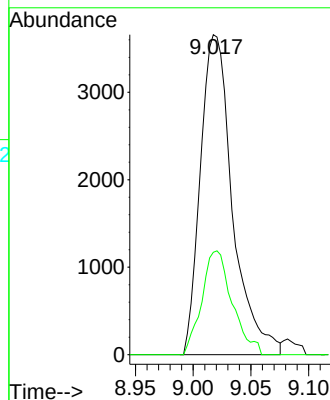
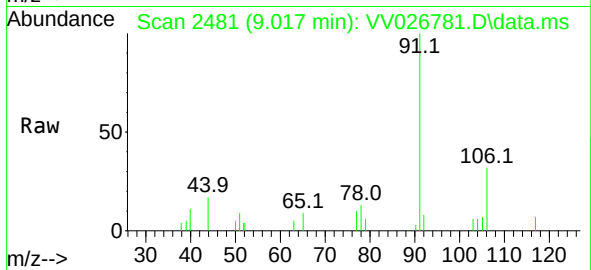




#52
Ethylbenzene
Concen: 0.092 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

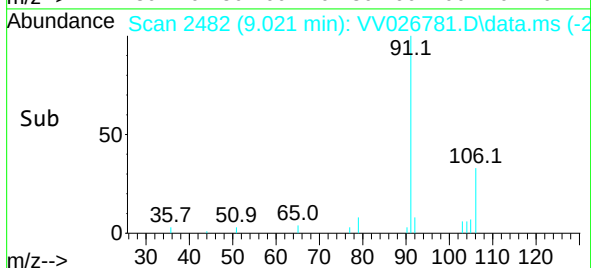
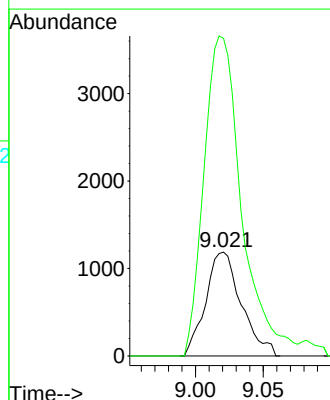
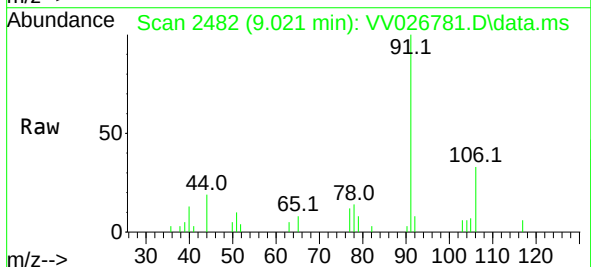
Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

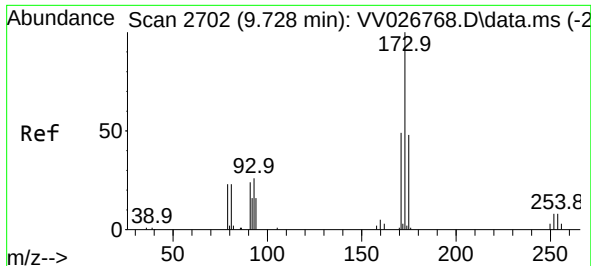
Tgt Ion: 91 Resp: 7075
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 0.073 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. -0.113 min
Lab File: VV026781.D
Acq: 14 Jul 2022 16:43

Tgt Ion: 106 Resp: 2172
Ion Ratio Lower Upper
106 100
91 305.9 139.3 258.7#





#59

Bromoform

Concen: 0.868 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026781.D

Acq: 14 Jul 2022 16:43

Instrument :

MSVOA_V

ClientSampleId :

C0AJ5DL

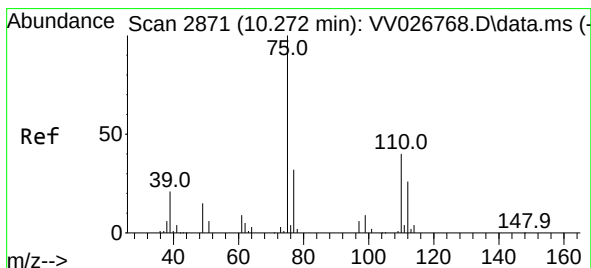
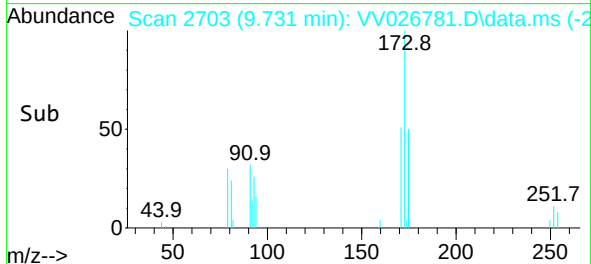
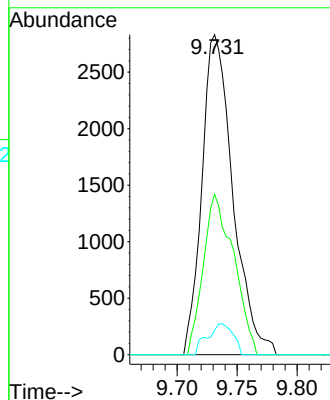
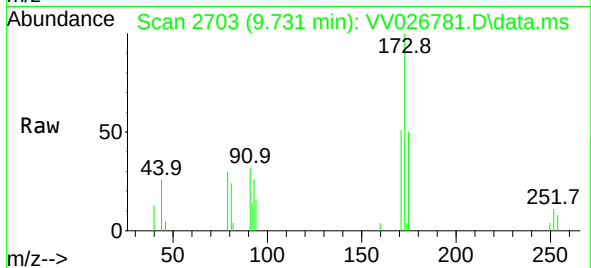
Tgt Ion:173 Resp: 5088

Ion Ratio Lower Upper

173 100

175 49.2 40.7 61.1

254 8.0 6.5 9.7



#61

1,2,3-Trichloropropane

Concen: 1.324 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026781.D

Acq: 14 Jul 2022 16:43

Tgt Ion: 75 Resp: 11159

Ion Ratio Lower Upper

75 100

77 34.6 25.4 38.0

110 1.5 31.8 47.6#

