

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028669.D
 Acq On : 21 Oct 2022 18:18
 Operator : SY/MD
 Sample : N5216-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA68

Quant Time: Oct 21 23:04:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	148680	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	143414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	62020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	98394	6.684	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 133.600%#		
7) Chloroethane-d5	1.558	69	79088	6.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 136.800%#		
11) 1,1-Dichloroethene-d2	2.095	63	135612	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.000%		
20) 2-Butanone-d5	3.957	46	229080	82.684	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 165.360%#		
24) Chloroform-d	4.333	84	117095	5.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
26) 1,2-Dichloroethane-d4	5.027	65	62127	5.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.000%		
32) Benzene-d6	5.034	84	245756	3.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 78.800%		
36) 1,2-Dichloropropane-d6	6.066	67	80788	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 82.600%		
41) Toluene-d8	7.307	98	201628	4.468	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.400%		
43) trans-1,3-Dichloroprop...	7.622	79	18877	3.974	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 79.400%		
46) 2-Hexanone-d5	8.098	63	102631	52.040	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.080%		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	48435	5.241	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.615	152	60752	5.450	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 109.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.227	50	1111	0.077	ug/L	90
5) Vinyl chloride	1.298	62	972	0.070	ug/L #	1
6) Bromomethane	1.513	94	971	0.143	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1613	0.158	ug/L #	28
14) Carbon disulfide	2.275	76	2567	0.112	ug/L #	42
18) trans-1,2-Dichloroethene	2.744	96	595	0.057	ug/L	90
33) Benzene	5.088	78	5807	0.086	ug/L	100
35) Methylcyclohexane	6.063	83	17566	0.721	ug/L #	15
51) Chlorobenzene	8.879	112	1320	0.041	ug/L #	88
53) m,p-Xylene	9.136	106	918	0.044	ug/L	66
61) 1,2,3-Trichloropropane	10.374	75	450	0.067	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.529	105	712	0.048	ug/L #	79
68) 1,2-Dibromo-3-chloropr...	12.416	75	150	0.127	ug/L #	9
70) 1,2,4-trichlorobenzene	13.255	180	1293	0.112	ug/L	93
71) Naphthalene	13.500	128	6130	0.315	ug/L	96
72) 1,2,3-Trichlorobenzene	13.738	180	1549	0.154	ug/L #	88

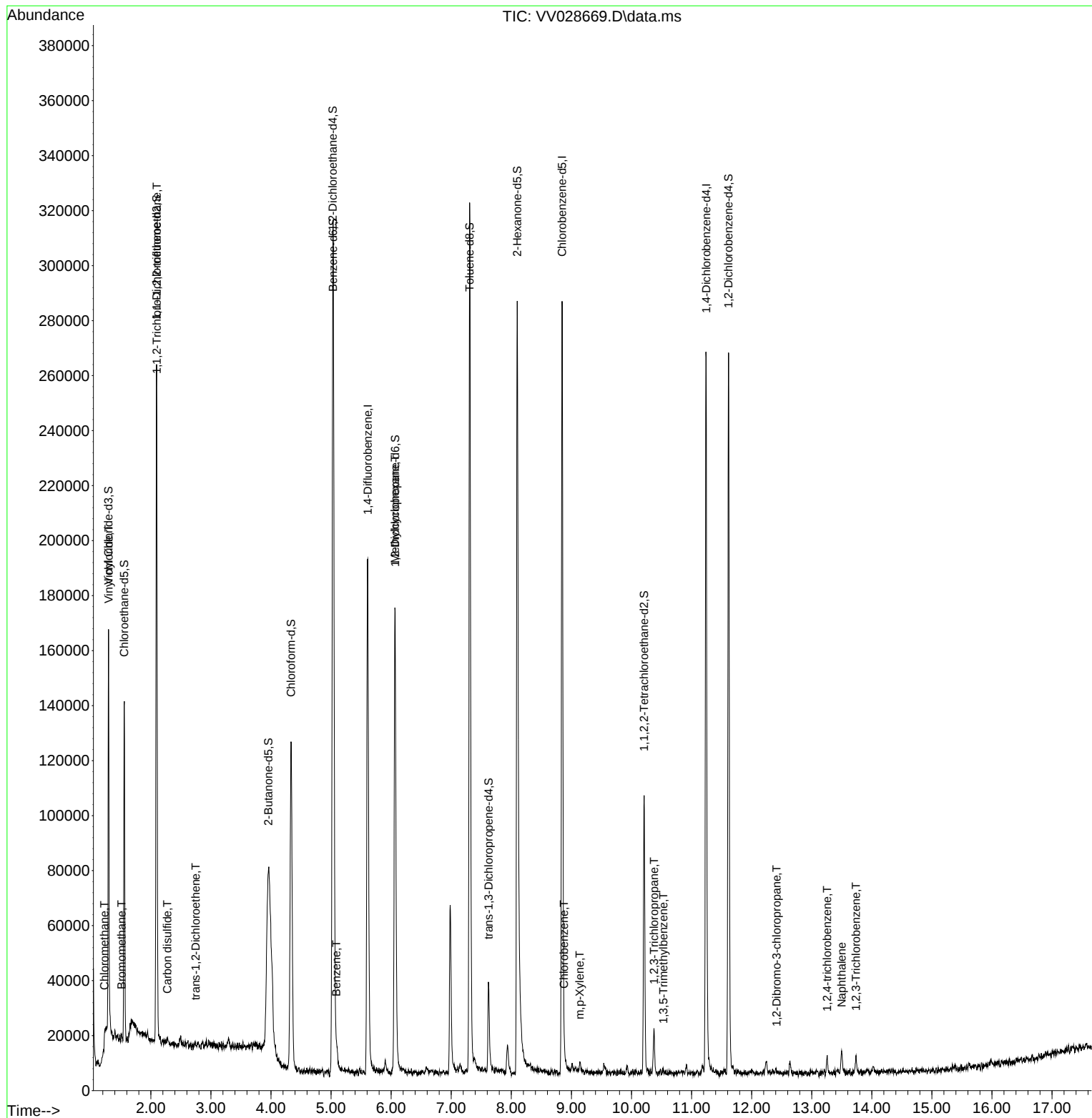
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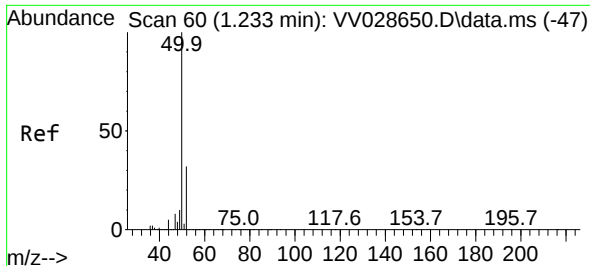
Instrument :
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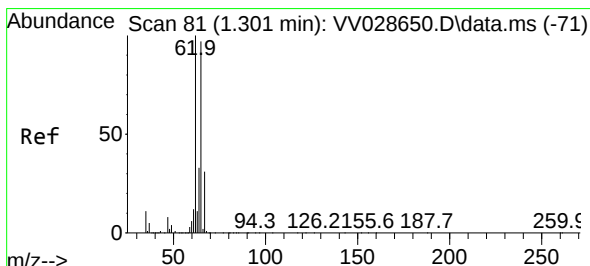
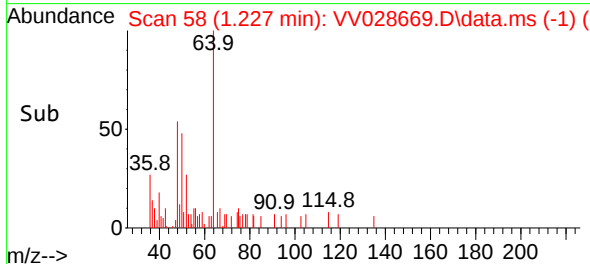
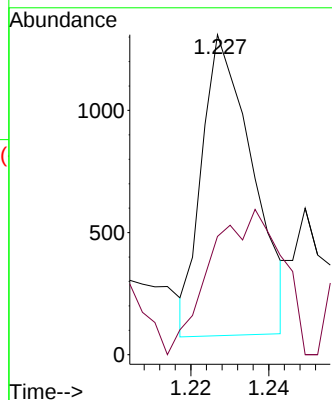
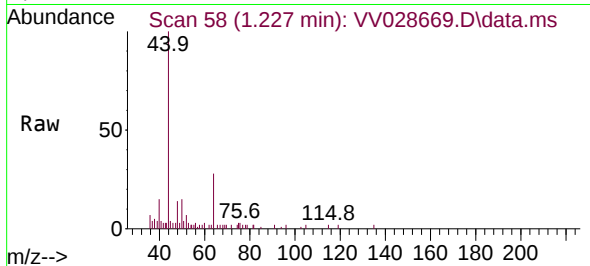




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.227 min Scan# 50
Delta R.T. -0.006 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

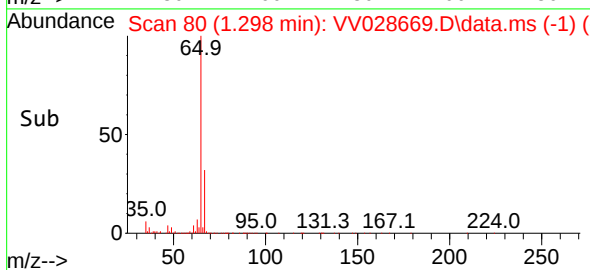
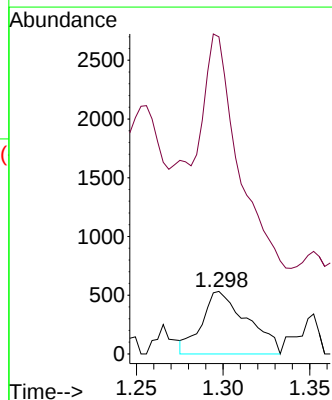
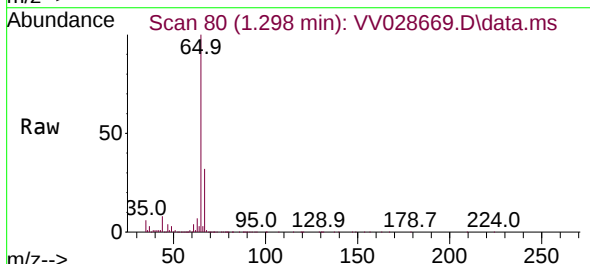
Instrument :
MSVOA_V
ClientSampleId :
BHA68

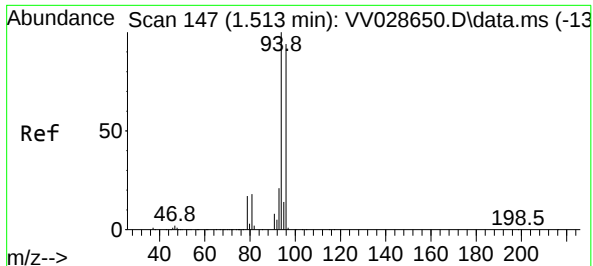
Tgt Ion: 50 Resp: 1111
Ion Ratio Lower Upper
50 100
52 36.9 21.8 40.6



#5
Vinyl chloride
Concen: 0.070 ug/L
RT: 1.298 min Scan# 80
Delta R.T. -0.003 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion: 62 Resp: 972
Ion Ratio Lower Upper
62 100
64 507.3 22.0 41.0#

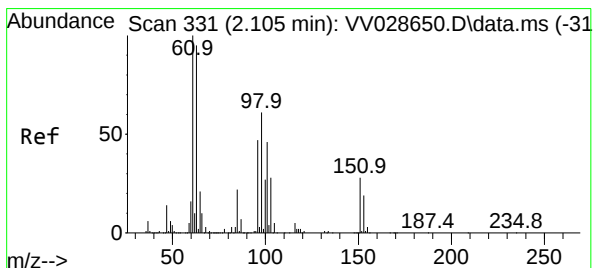
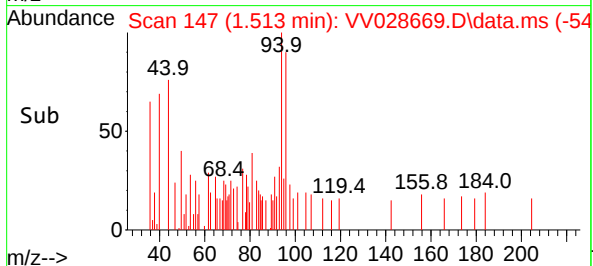
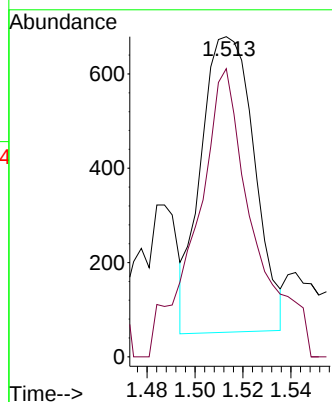
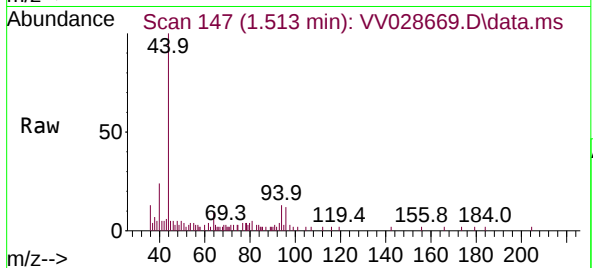




#6
Bromomethane
Concen: 0.143 ug/L
RT: 1.513 min Scan# 147
Delta R.T. 0.000 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

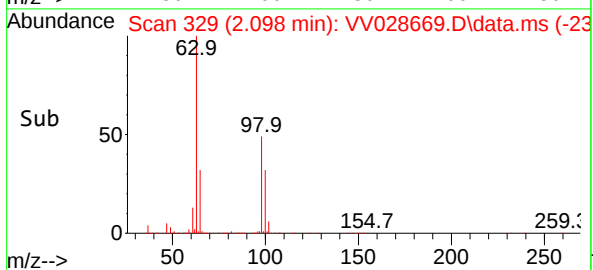
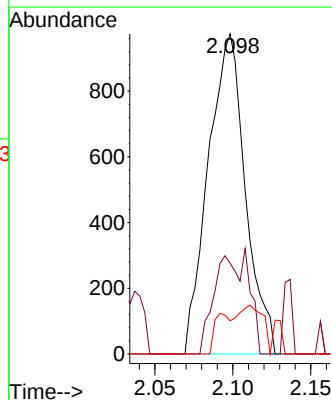
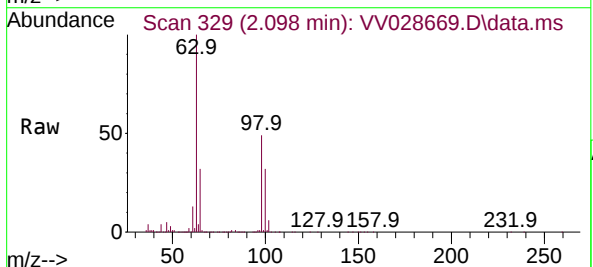
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ClientSampleId :
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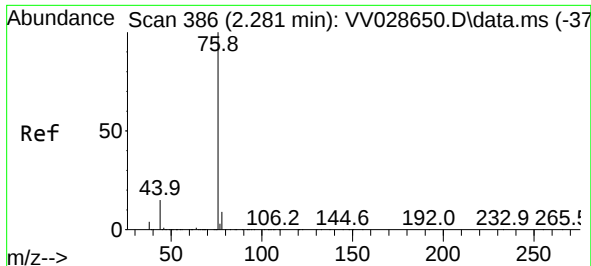
Tgt Ion: 94 Resp: 971
Ion Ratio Lower Upper
94 100
96 90.0 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.158 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.006 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion: 101 Resp: 1613
Ion Ratio Lower Upper
101 100
85 0.0 37.0 55.6#
151 5.3 50.2 75.2#

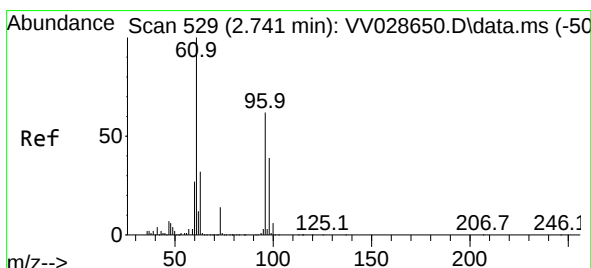
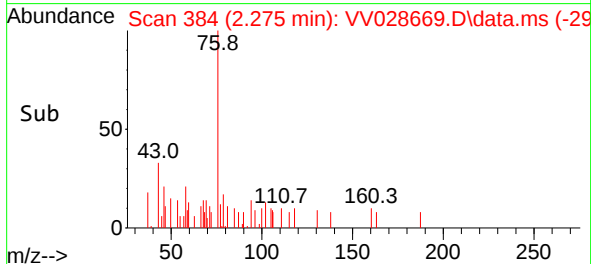
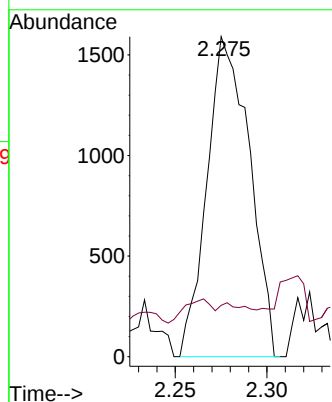
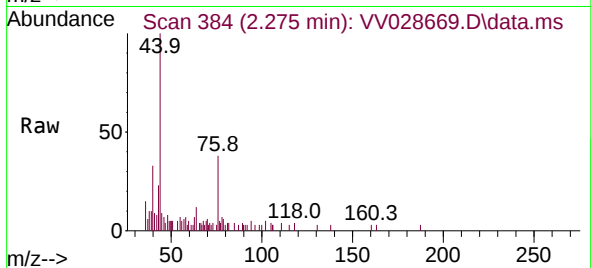




#14
Carbon disulfide
Concen: 0.112 ug/L
RT: 2.275 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

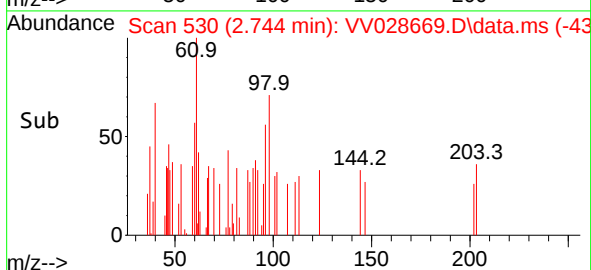
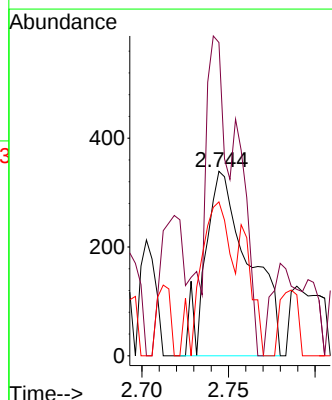
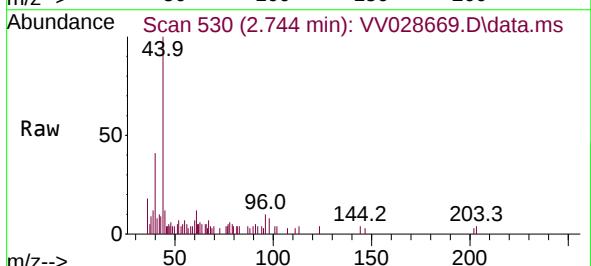
Instrument :
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ClientSampleId :
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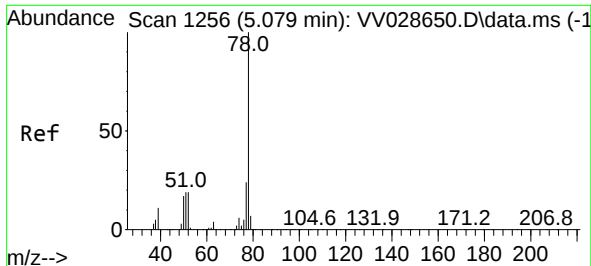
Tgt Ion: 76 Resp: 2567
Ion Ratio Lower Upper
76 100
78 29.7 7.1 10.7#



#18
trans-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 2.744 min Scan# 530
Delta R.T. 0.003 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion: 96 Resp: 595
Ion Ratio Lower Upper
96 100
61 169.9 114.3 212.3
98 83.5 45.0 83.6

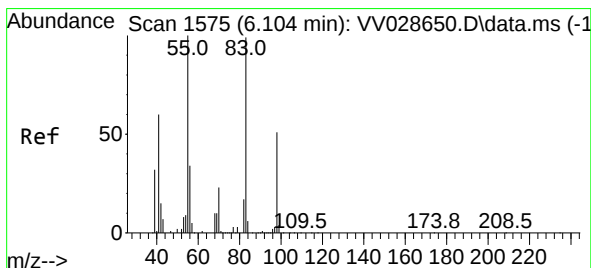
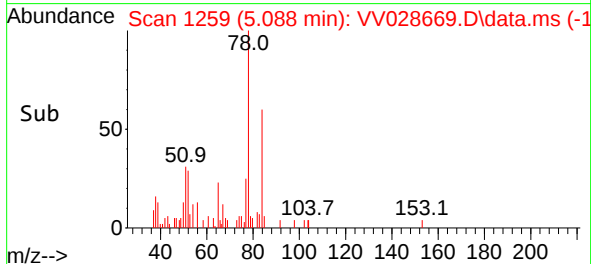
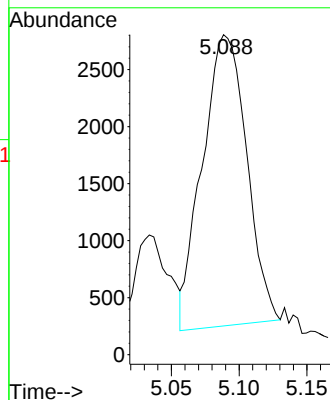
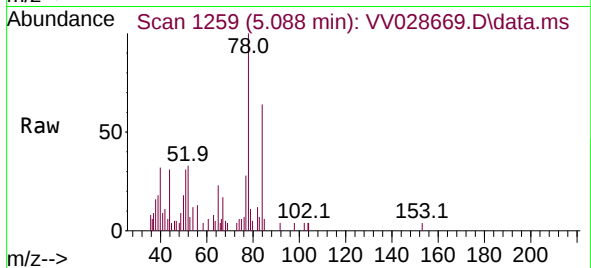




#33
Benzene
Concen: 0.086 ug/L
RT: 5.088 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

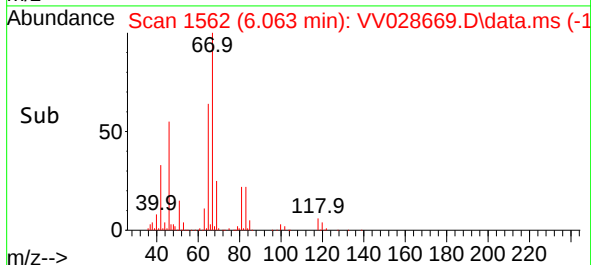
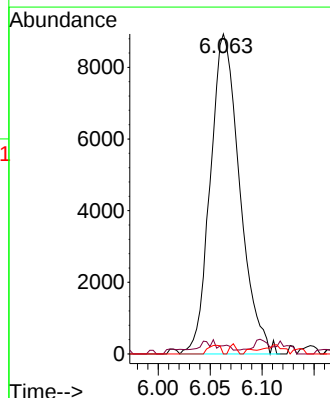
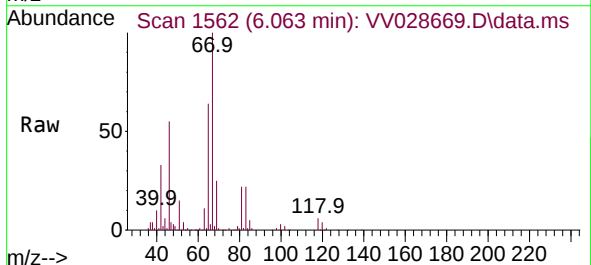
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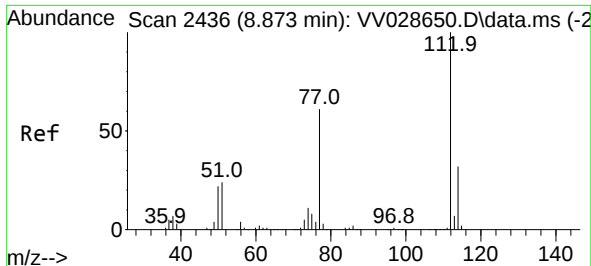
Tgt Ion: 78 Resp: 5807



#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.042 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion: 83 Resp: 17566
Ion Ratio Lower Upper
83 100
55 1.0 70.0 105.0#
98 0.7 35.6 53.4#

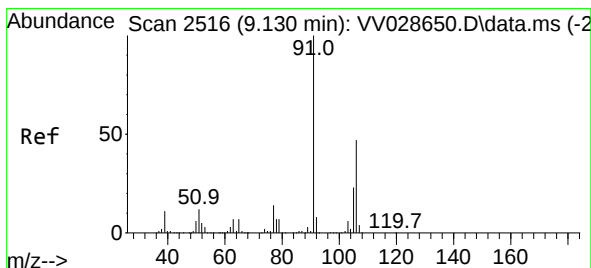
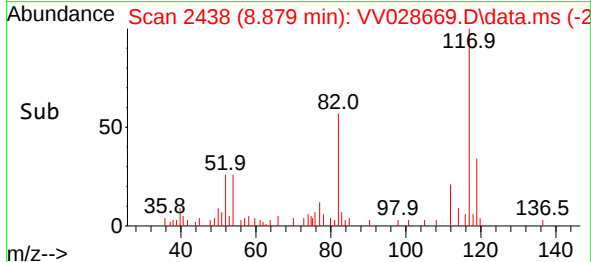
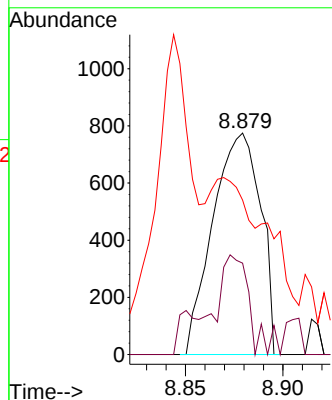
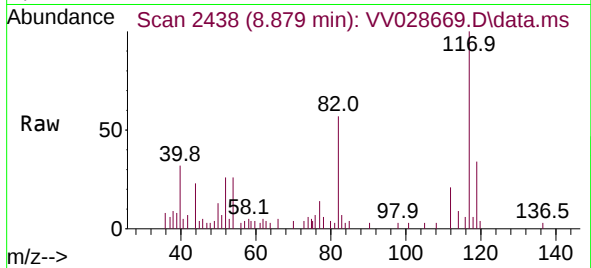




#51
Chlorobenzene
Concen: 0.041 ug/L
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

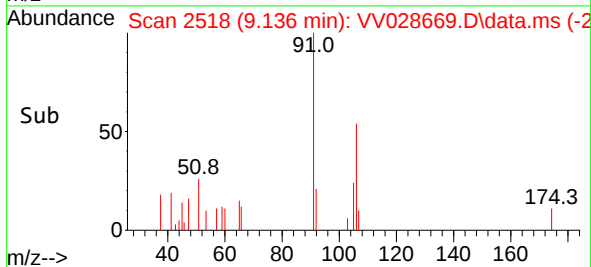
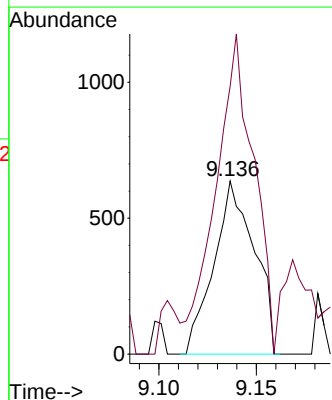
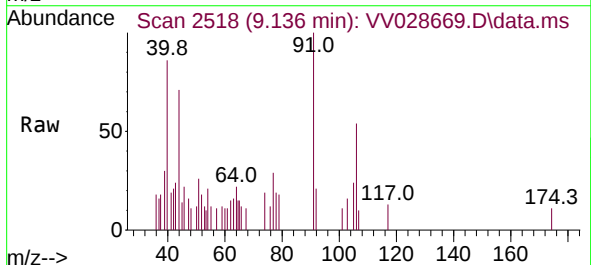
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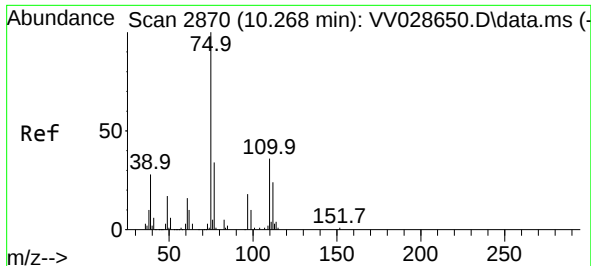
Tgt Ion:112 Resp: 1320
Ion Ratio Lower Upper
112 100
114 41.3 22.0 41.0#
77 69.7 50.0 75.0



#53
m,p-Xylene
Concen: 0.044 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion:106 Resp: 918
Ion Ratio Lower Upper
106 100
91 154.6 145.5 270.1

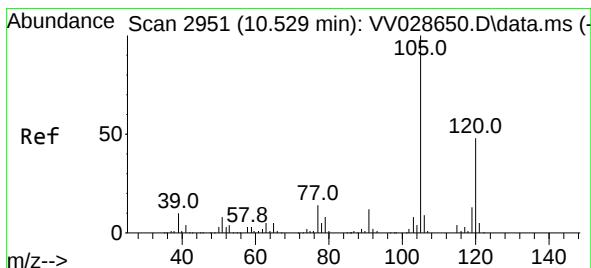
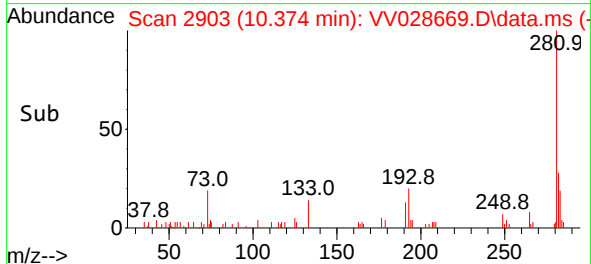
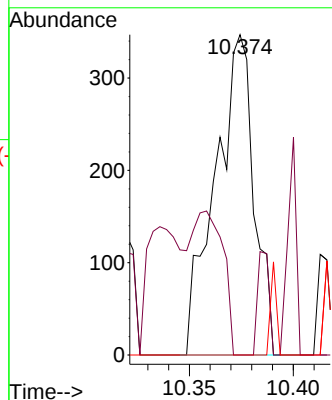
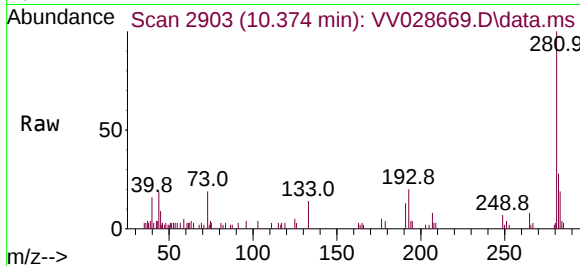




#61
1,2,3-Trichloropropane
Concen: 0.067 ug/L
RT: 10.374 min Scan# 2903
Delta R.T. 0.106 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

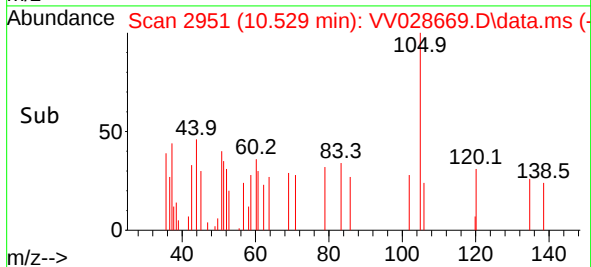
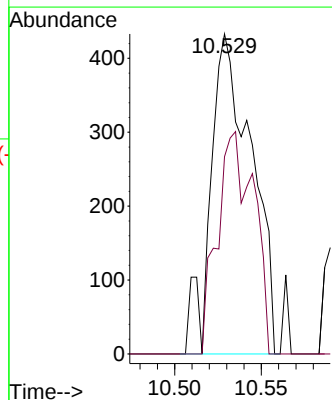
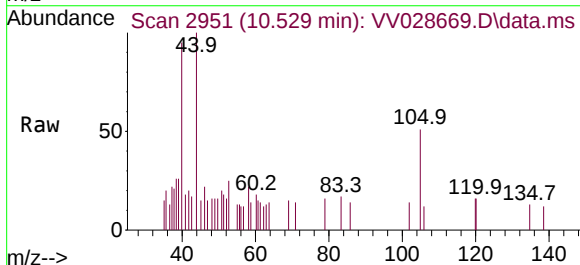
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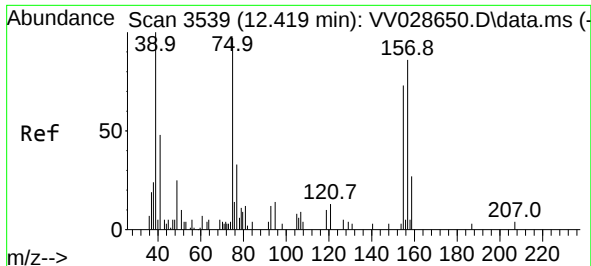
Tgt Ion: 75 Resp: 450
Ion Ratio Lower Upper
75 100
77 35.1 25.2 37.8
110 4.2 27.9 41.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.048 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VV028669.D
Acq: 21 Oct 2022 18:18

Tgt Ion: 105 Resp: 712
Ion Ratio Lower Upper
105 100
120 61.9 38.3 57.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.127 ug/L

RT: 12.416 min Scan# 3539

Delta R.T. -0.003 min

Lab File: VV028669.D

Acq: 21 Oct 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

BHA68

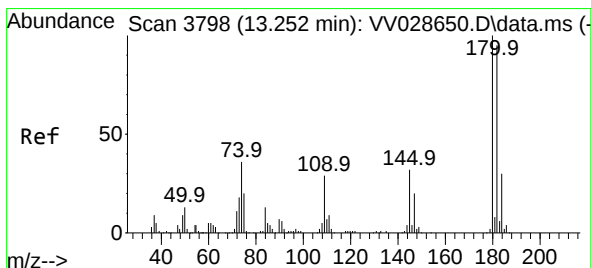
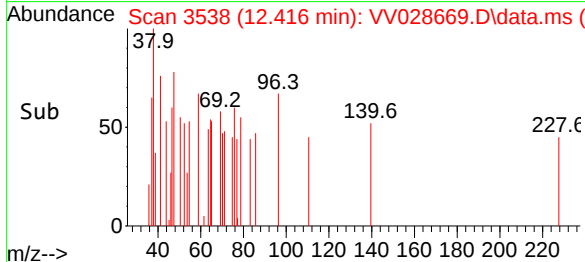
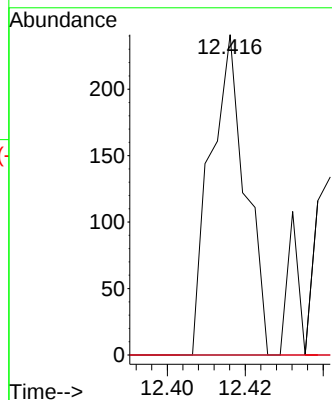
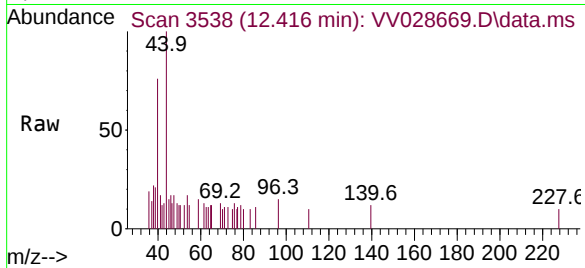
Tgt Ion: 75 Resp: 150

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.2#

157 0.0 71.5 107.3#



#70

1,2,4-trichlorobenzene

Concen: 0.112 ug/L

RT: 13.255 min Scan# 3799

Delta R.T. 0.003 min

Lab File: VV028669.D

Acq: 21 Oct 2022 18:18

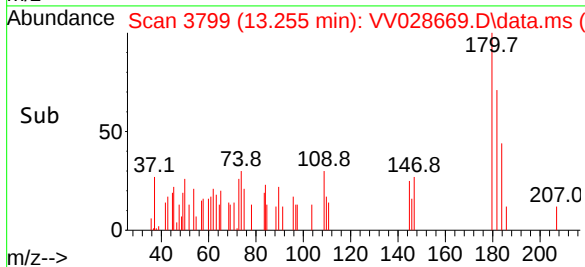
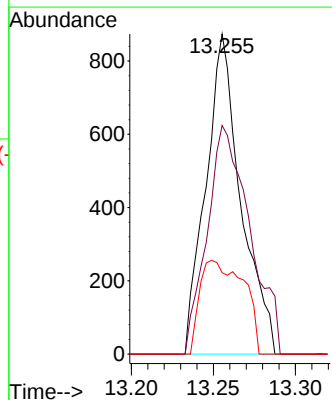
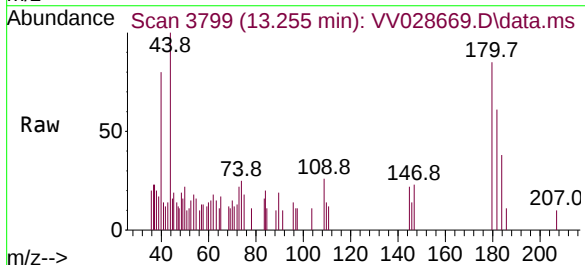
Tgt Ion: 180 Resp: 1293

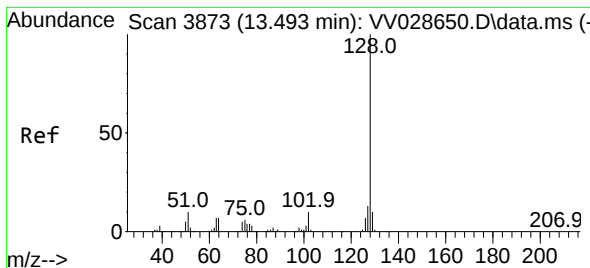
Ion Ratio Lower Upper

180 100

182 87.0 74.7 112.1

145 36.5 25.5 38.3





#71

Naphthalene

Concen: 0.315 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV028669.D

Acq: 21 Oct 2022 18:18

Instrument :

MSVOA_V

ClientSampleId :

BHA68

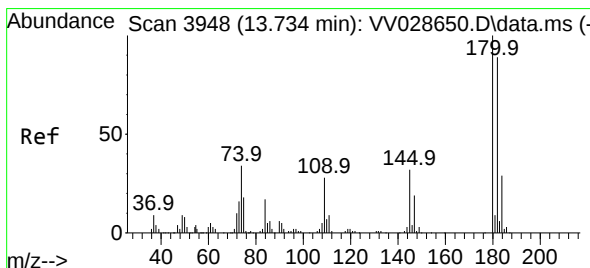
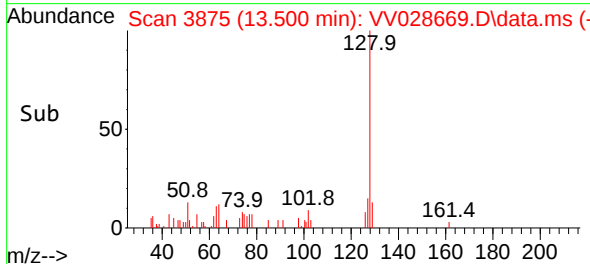
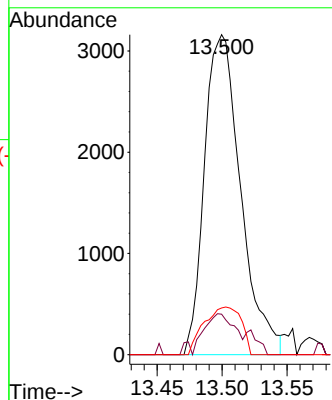
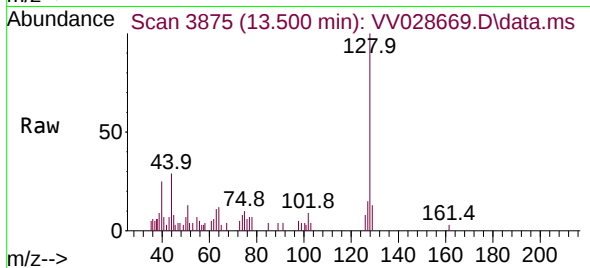
Tgt Ion:128 Resp: 6130

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 15.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.154 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. 0.003 min

Lab File: VV028669.D

Acq: 21 Oct 2022 18:18

Tgt Ion:180 Resp: 1549

Ion Ratio Lower Upper

180 100

182 81.3 73.4 110.0

145 40.8 26.3 39.5#

