

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026639.D
 Acq On : 05 Jul 2022 13:09
 Operator : SY/MD
 Sample : N3577-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB323

Quant Time: Jul 06 00:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	229852	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224783	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	52554	2.843	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.581	69	50102	3.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	2.117	63	74817	2.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.600%#
20) 2-Butanone-d5	3.915	46	99823	54.317	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.640%
24) Chloroform-d	4.359	84	119852	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.040	65	49583	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.056	84	207930	3.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.400%#
36) 1,2-Dichloropropane-d6	6.072	67	68614	3.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.317	98	161166	2.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	7.629	79	16720	3.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.092	63	72319	41.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50714	4.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59841	3.886	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	1074	0.061	ug/L	94
3) Chloromethane	1.253	50	4488	0.234	ug/L	93
6) Bromomethane	1.536	94	707	0.064	ug/L	96
8) Chloroethane	1.410	64	50727	3.660	ug/L #	55
14) Carbon disulfide	2.307	76	2782	0.068	ug/L	98
16) Methylene chloride	2.516	84	3174	0.193	ug/L	80
22) cis-1,2-Dichloroethene	3.928	96	13486	0.857	ug/L	98
25) Chloroform	4.388	83	2805	0.092	ug/L #	74
33) Benzene	5.114	78	3304	0.050	ug/L	100
34) Trichloroethene	5.918	95	69216	4.011	ug/L	99
35) Methylcyclohexane	6.072	83	17989	0.705	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	7088	0.448	ug/L #	85
47) Tetrachloroethene	7.976	164	3618	0.263	ug/L	97
49) Dibromochloromethane	7.979	129	3720	0.368	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	10160	1.686	ug/L #	64
71) Naphthalene	13.519	128	1071	0.058	ug/L #	69

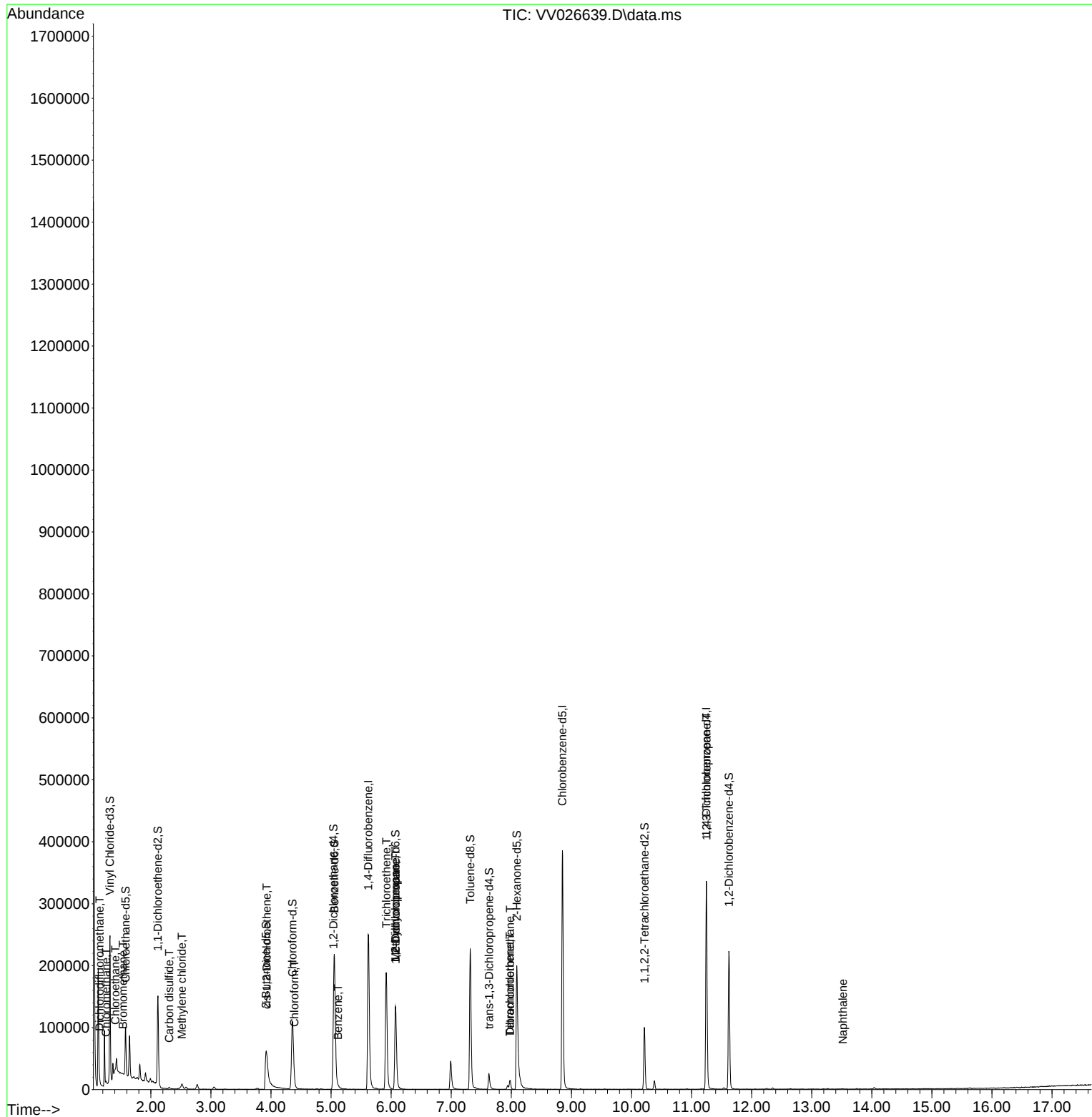
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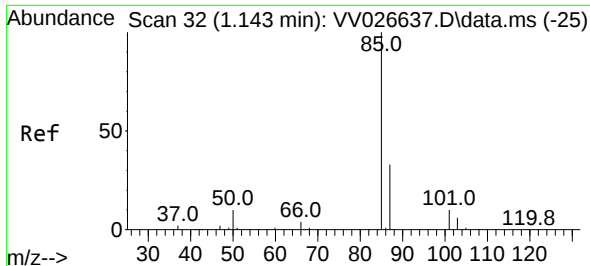
Instrument :
MSVOA_V
ClientSampleId :
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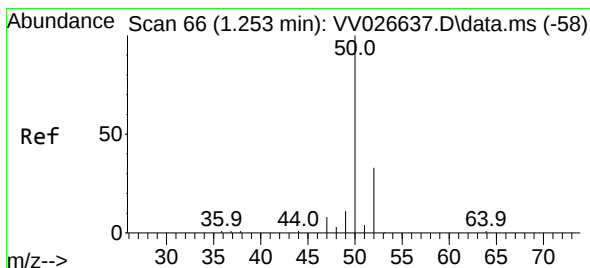
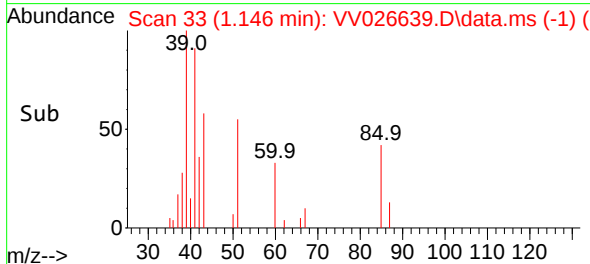
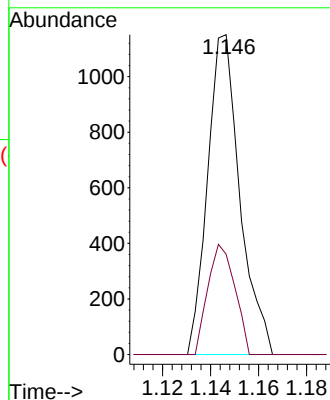
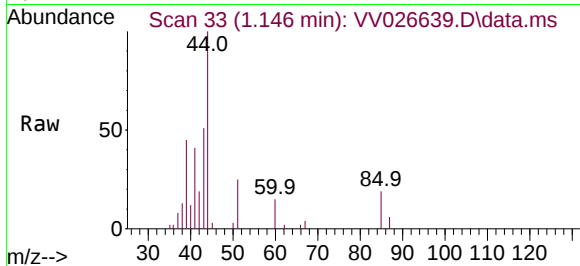




#2
 Dichlorodifluoromethane
 Concen: 0.061 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026639.D
 Acq: 05 Jul 2022 13:09

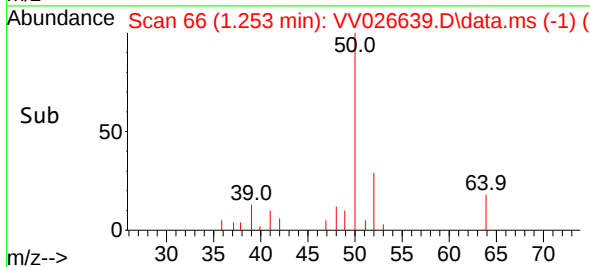
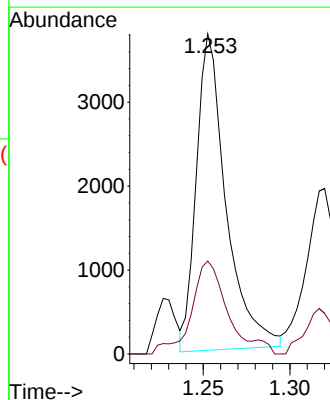
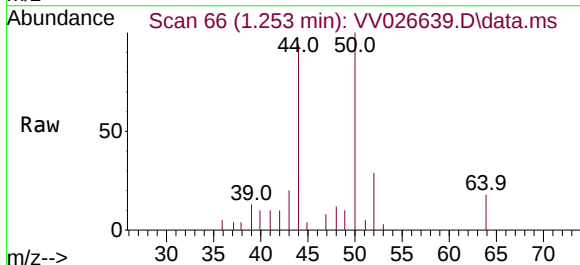
Instrument :
 MSVOA_V
 ClientSampleId :
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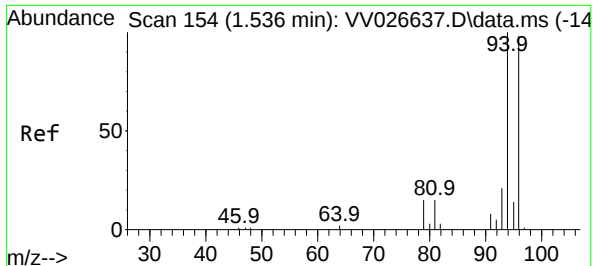
Tgt Ion: 85 Resp: 1074
 Ion Ratio Lower Upper
 85 100
 87 28.9 25.6 38.4



#3
 Chloromethane
 Concen: 0.234 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026639.D
 Acq: 05 Jul 2022 13:09

Tgt Ion: 50 Resp: 4488
 Ion Ratio Lower Upper
 50 100
 52 29.1 23.0 42.6

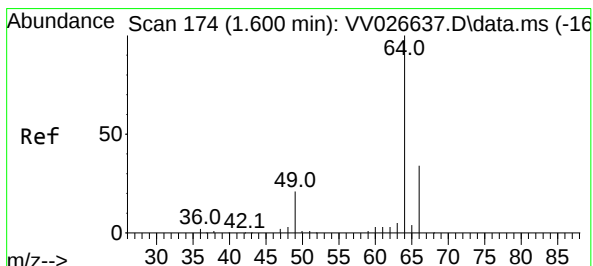
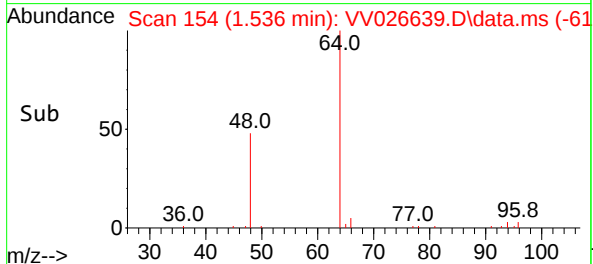
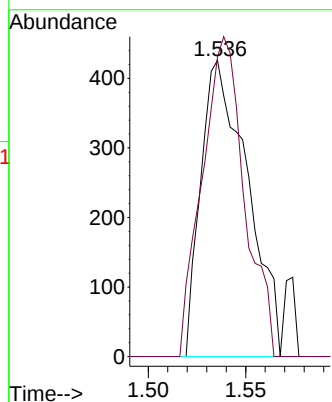
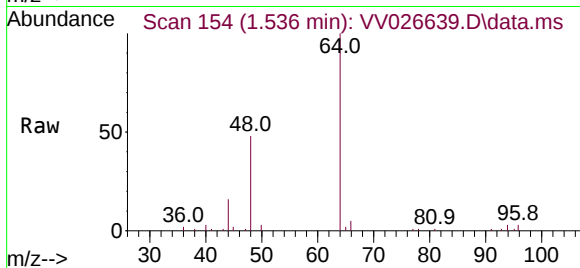




#6
Bromomethane
Concen: 0.064 ug/L
RT: 1.536 min Scan# 115
Delta R.T. 0.000 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

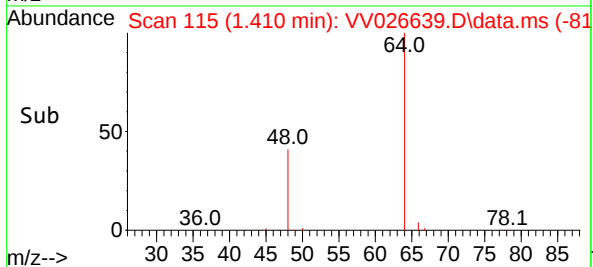
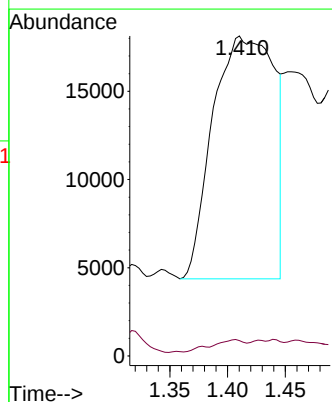
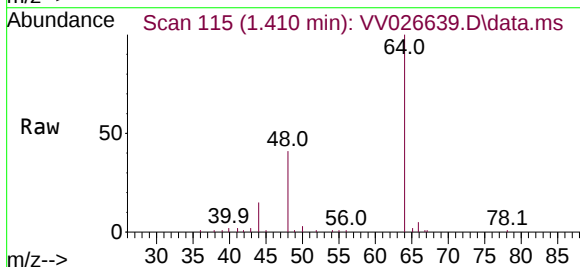
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MSVOA_V
ClientSampleId :
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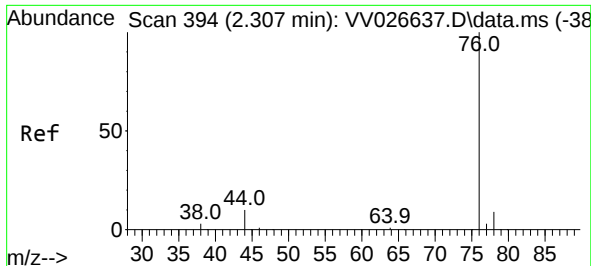
Tgt Ion: 94 Resp: 707
Ion Ratio Lower Upper
94 100
96 101.2 68.0 126.2



#8
Chloroethane
Concen: 3.660 ug/L
RT: 1.410 min Scan# 115
Delta R.T. -0.190 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

Tgt Ion: 64 Resp: 50727
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#





#14

Carbon disulfide

Concen: 0.068 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.000 min

Lab File: VV026639.D

Acq: 05 Jul 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

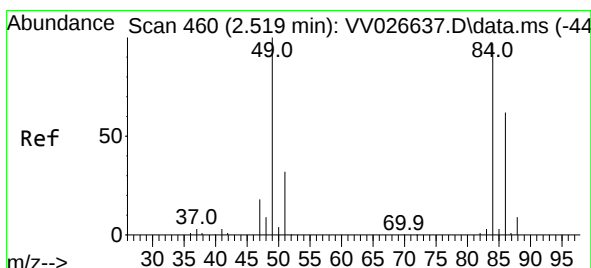
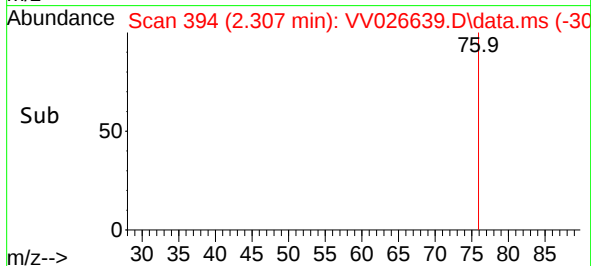
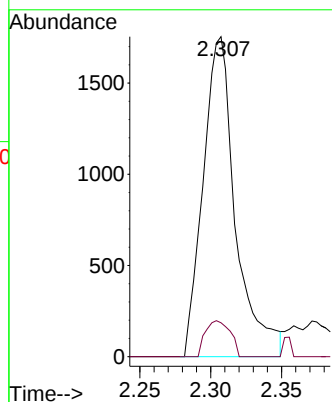
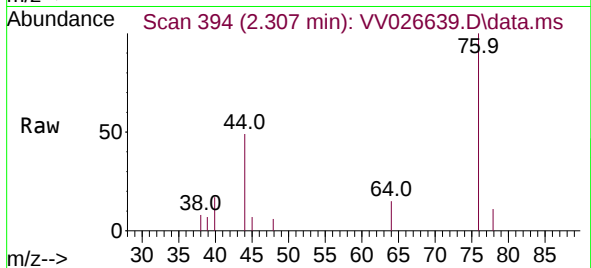
YB323

Tgt Ion: 76 Resp: 2782

Ion Ratio Lower Upper

76 100

78 10.6 7.8 11.6



#16

Methylene chloride

Concen: 0.193 ug/L

RT: 2.516 min Scan# 459

Delta R.T. -0.003 min

Lab File: VV026639.D

Acq: 05 Jul 2022 13:09

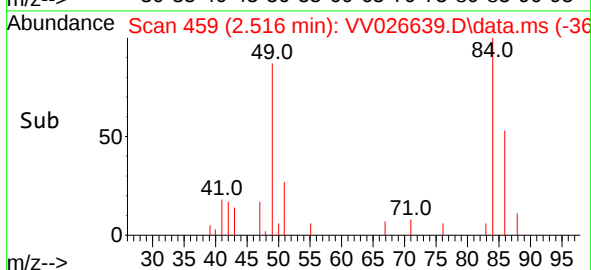
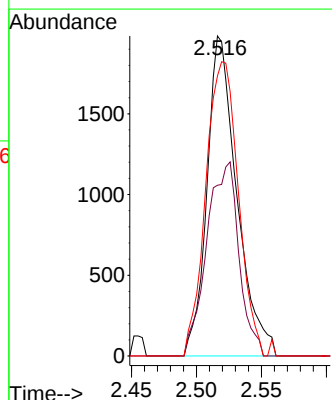
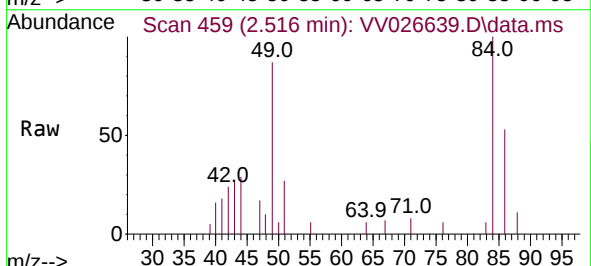
Tgt Ion: 84 Resp: 3174

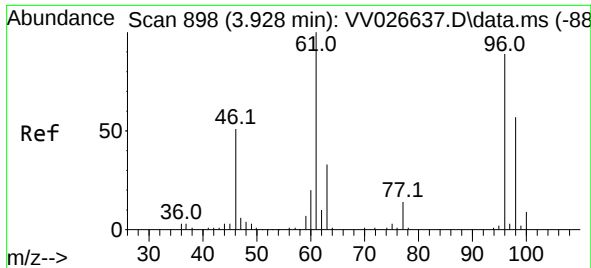
Ion Ratio Lower Upper

84 100

86 53.4 46.0 85.4

49 87.5 77.7 144.3

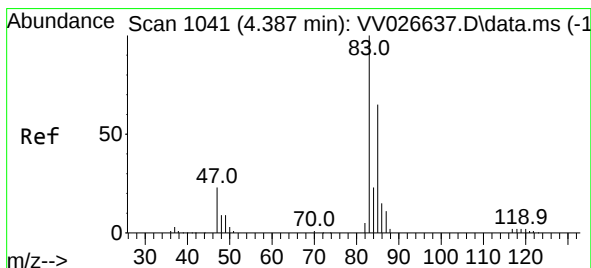
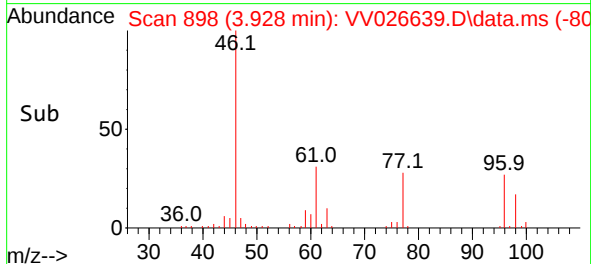
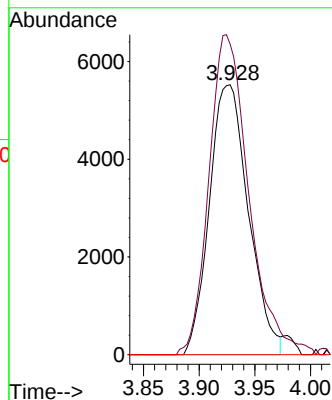
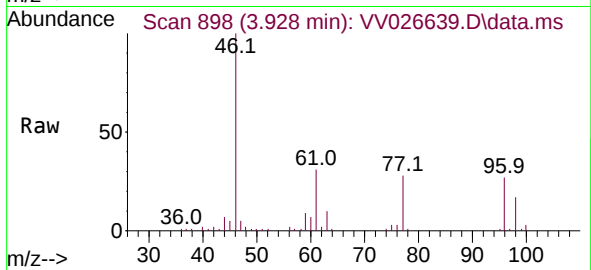




#22
 cis-1,2-Dichloroethene
 Concen: 0.857 ug/L
 RT: 3.928 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VV026639.D
 Acq: 05 Jul 2022 13:09

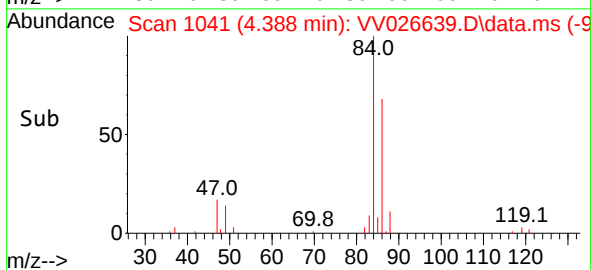
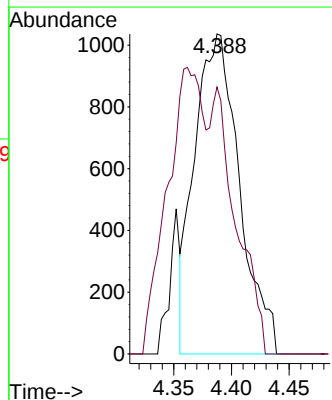
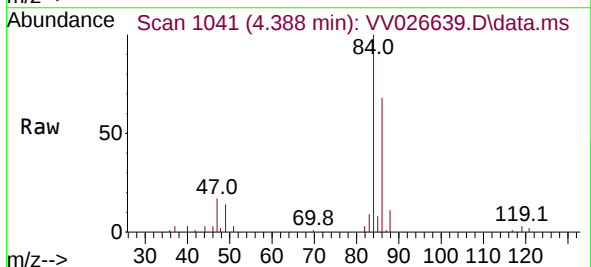
Instrument :
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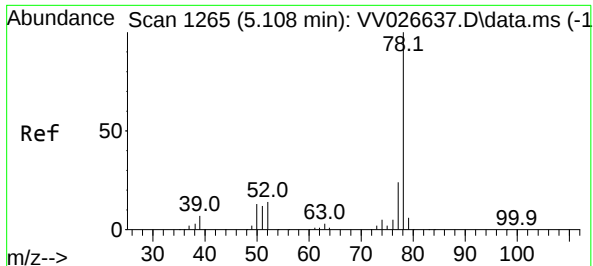
Tgt Ion: 96 Resp: 13486
 Ion Ratio Lower Upper
 96 100
 61 115.0 82.0 152.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.092 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.000 min
 Lab File: VV026639.D
 Acq: 05 Jul 2022 13:09

Tgt Ion: 83 Resp: 2805
 Ion Ratio Lower Upper
 83 100
 85 83.4 44.0 81.8#

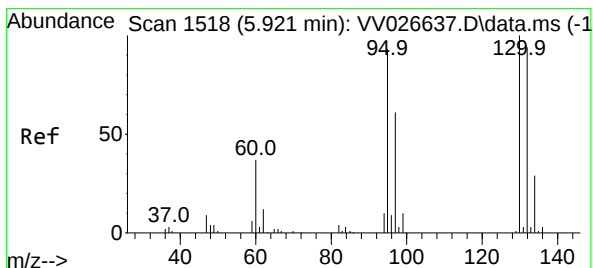
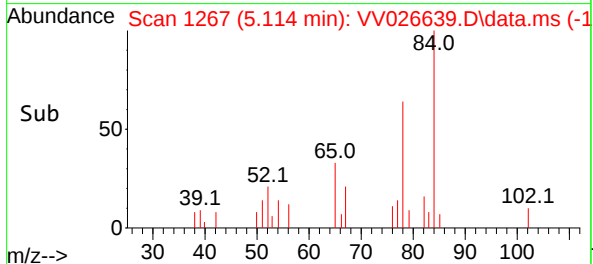
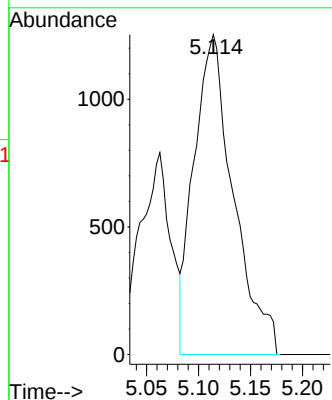
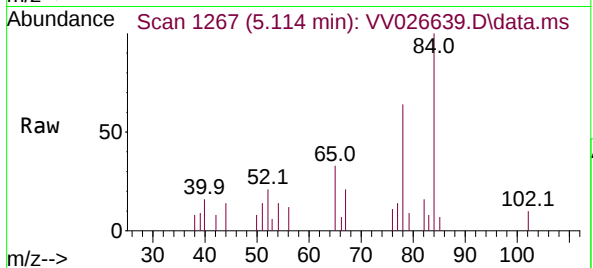




#33
Benzene
Concen: 0.050 ug/L
RT: 5.114 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

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ClientSampleId :
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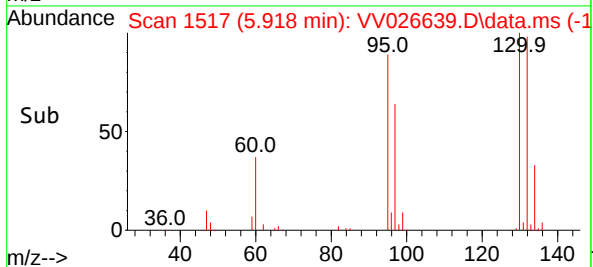
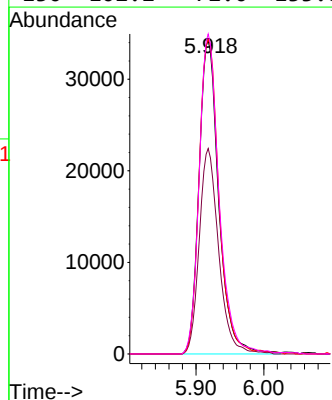
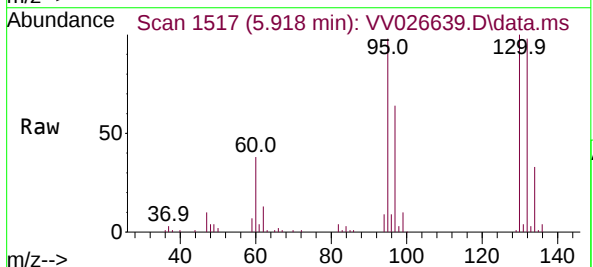
Tgt Ion: 78 Resp: 3304

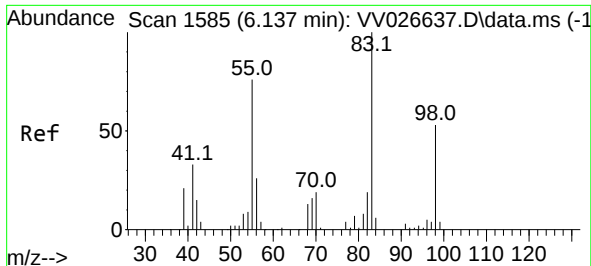


#34
Trichloroethene
Concen: 4.011 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

Tgt Ion: 95 Resp: 69216

Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.8	87.0
132	100.4	69.9	129.7
130	102.2	72.0	133.8

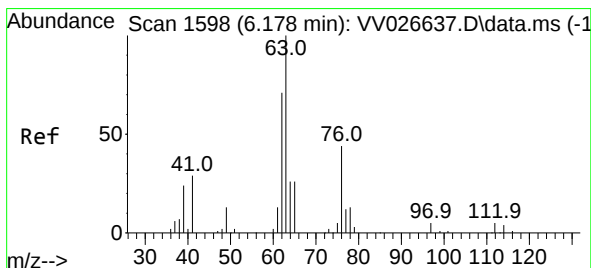
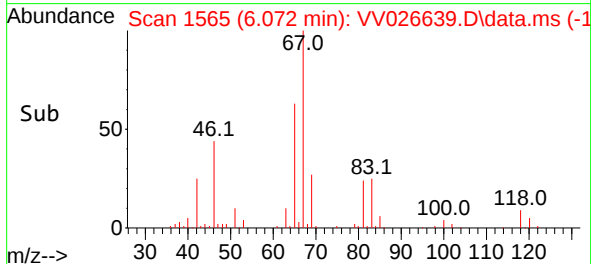
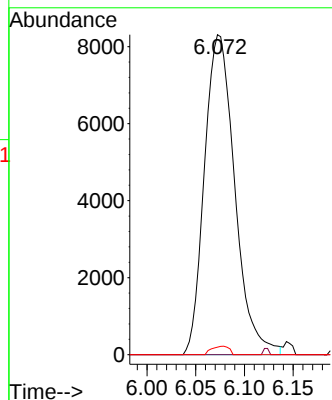
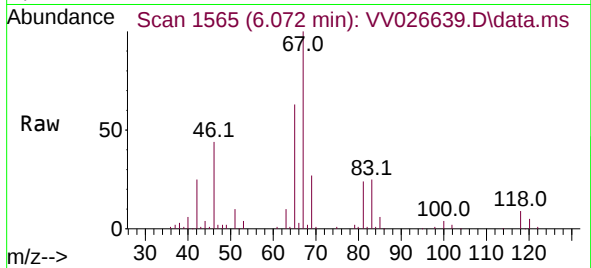




#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.064 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

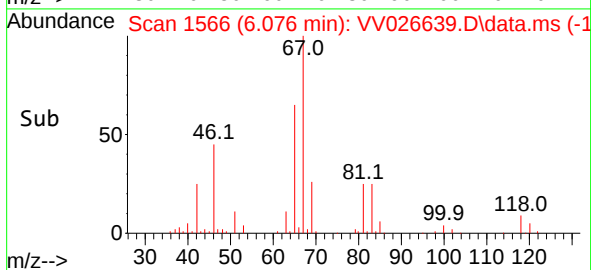
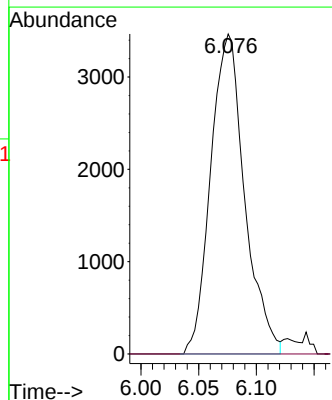
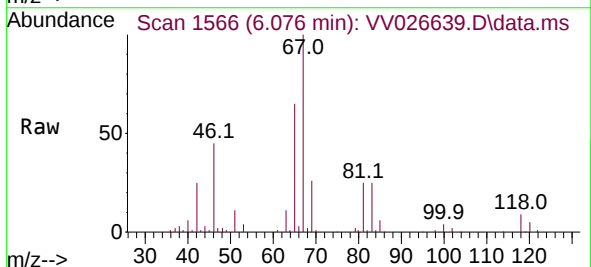
Instrument :
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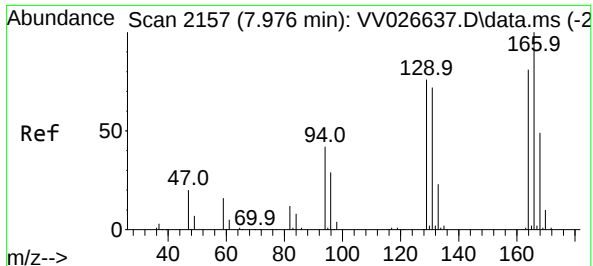
Tgt Ion: 83 Resp: 17989
Ion Ratio Lower Upper
83 100
55 0.4 57.0 85.4#
98 1.5 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.448 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

Tgt Ion: 63 Resp: 7088
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#





#47

Tetrachloroethene

Concen: 0.263 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026639.D

Acq: 05 Jul 2022 13:09

Instrument :

MSVOA_V

ClientSampleId :

YB323

Tgt Ion:164 Resp: 3618

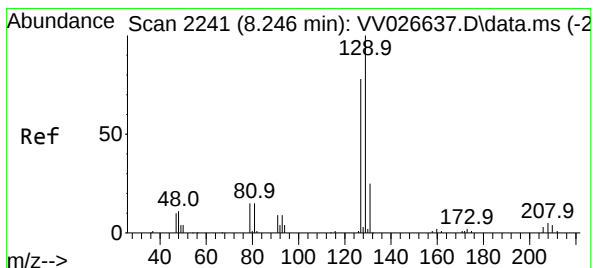
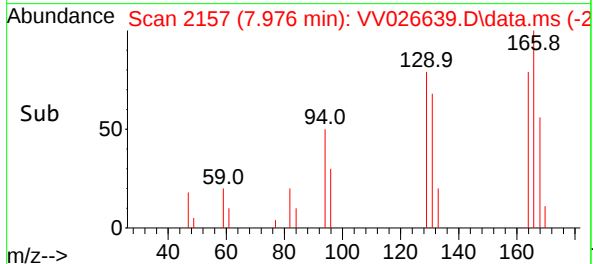
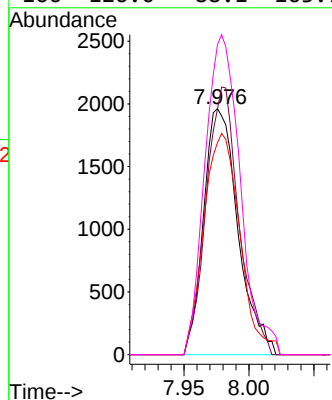
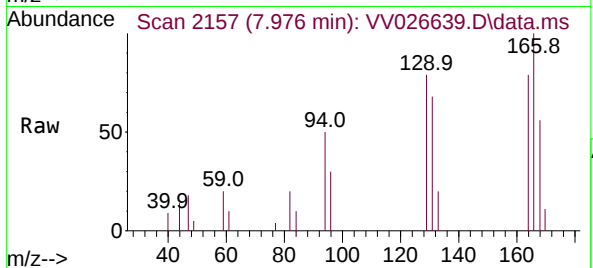
Ion Ratio Lower Upper

164 100

129 99.8 66.4 123.2

131 86.1 64.4 119.6

166 126.0 88.1 163.7



#49

Dibromochloromethane

Concen: 0.368 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026639.D

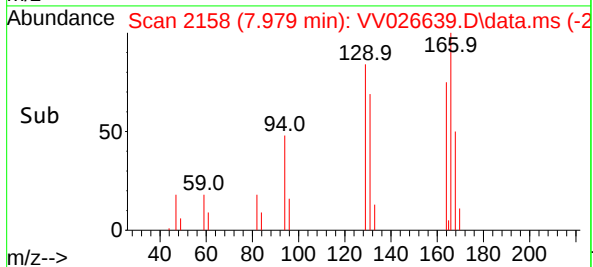
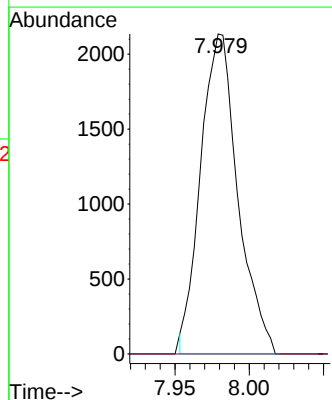
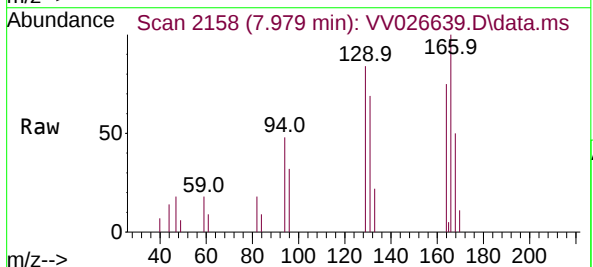
Acq: 05 Jul 2022 13:09

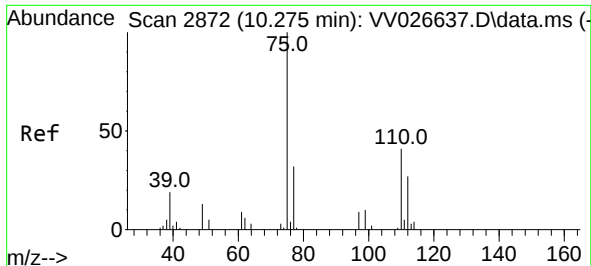
Tgt Ion:129 Resp: 3720

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#

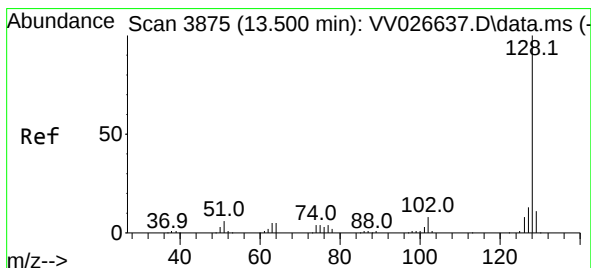
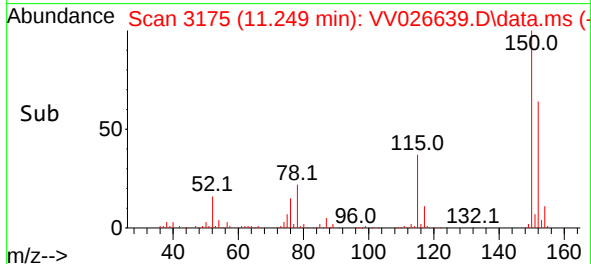
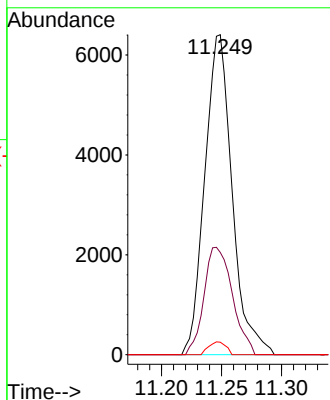
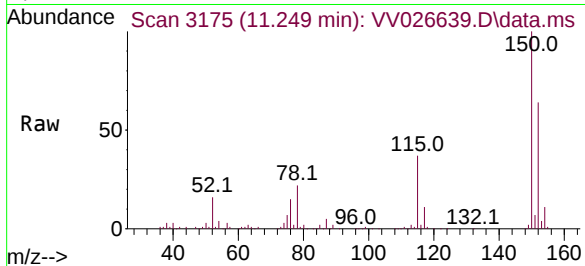




#61
1,2,3-Trichloropropane
Concen: 1.686 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

Instrument :
MSVOA_V
ClientSampleId :
YB323

Tgt Ion: 75 Resp: 10160
Ion Ratio Lower Upper
75 100
77 34.9 25.8 38.6
110 2.5 32.5 48.7#



#71
Naphthalene
Concen: 0.058 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.019 min
Lab File: VV026639.D
Acq: 05 Jul 2022 13:09

Tgt Ion: 128 Resp: 1071
Ion Ratio Lower Upper
128 100
129 0.0 8.6 12.8#
127 0.0 10.2 15.4#

