

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026353.D
 Acq On : 16 Jun 2022 23:41
 Operator : SY/MD
 Sample : N3318-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ69

Quant Time: Jun 17 07:20:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 06:57:04 2022
 Response via : Initial Calibration

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

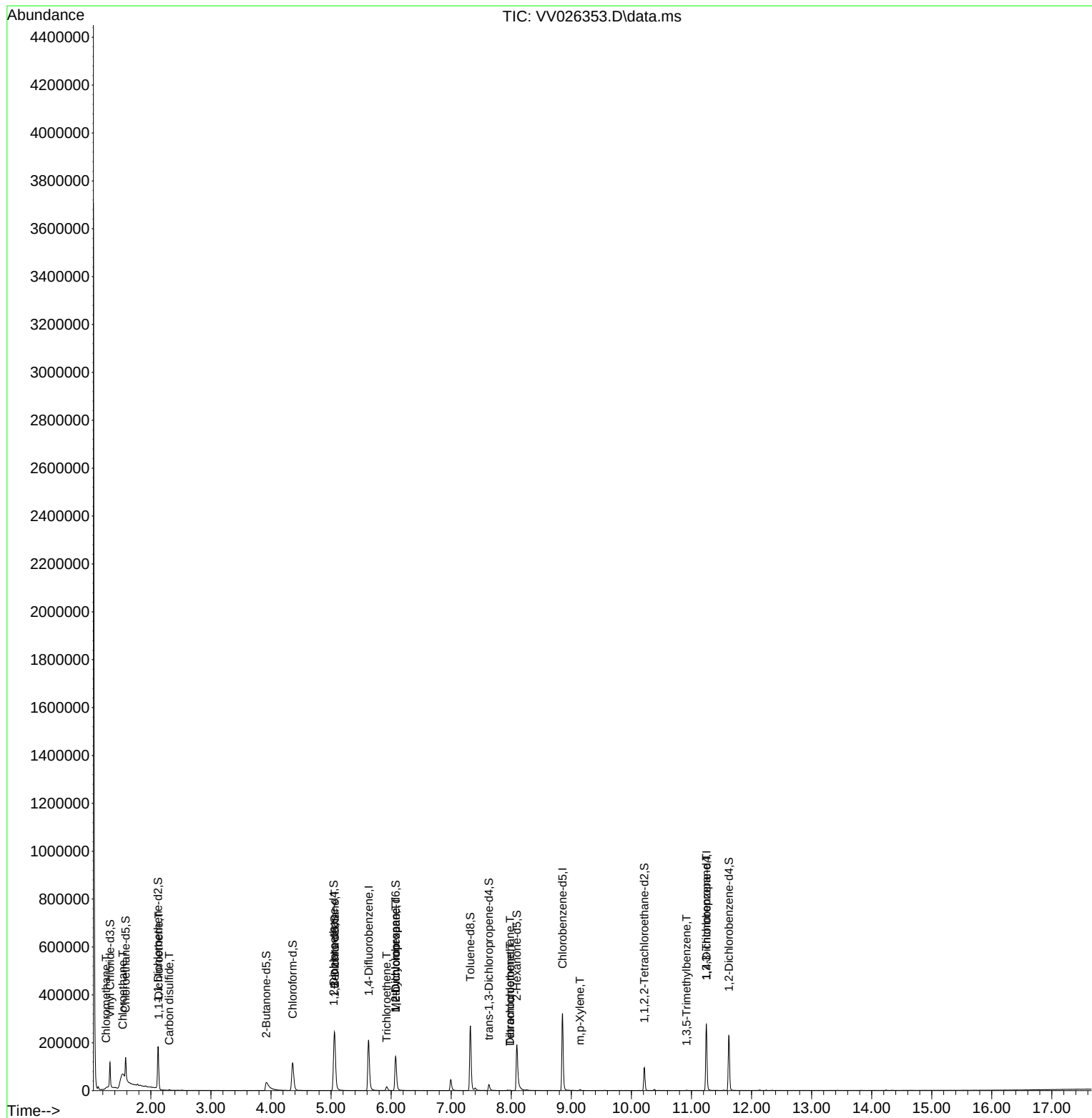
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	189514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	184319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74521	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	64165	3.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.580	69	58510	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.121	63	94316	3.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.921	46	82676	51.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.940%
24) Chloroform-d	4.362	84	125429	5.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.043	65	51038	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.059	84	233789	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.075	67	71969	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.320	98	184149	4.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	16219	3.478	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.091	63	68320	48.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47082	5.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	61782	5.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	646	0.041	ug/L	95
8) Chloroethane	1.532	64	297862	29.330	ug/L #	50
12) 1,1-Dichloroethene	2.130	96	1757	0.147	ug/L #	1
14) Carbon disulfide	2.307	76	3894	0.132	ug/L	99
27) 1,2-Dichloroethane	5.066	62	1150	0.105	ug/L #	71
34) Trichloroethene	5.928	95	5455	0.423	ug/L	96
35) Methylcyclohexane	6.075	83	17572	0.985	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7152	0.579	ug/L #	88
47) Tetrachloroethene	7.982	164	483	0.051	ug/L	92
49) Dibromochloromethane	7.982	129	411	0.046	ug/L #	9
53) m,p-Xylene	9.143	106	1136	0.058	ug/L	96
61) 1,2,3-Trichloropropane	11.246	75	8512	1.760	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.918	105	1217	0.039	ug/L	98

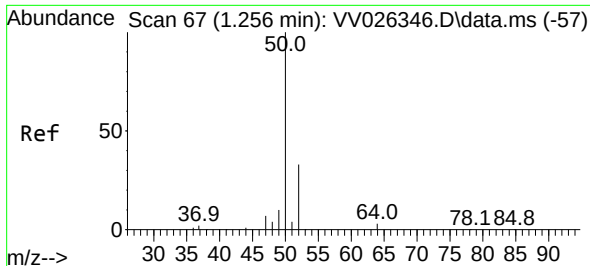
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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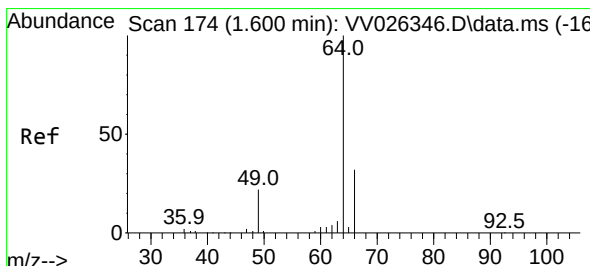
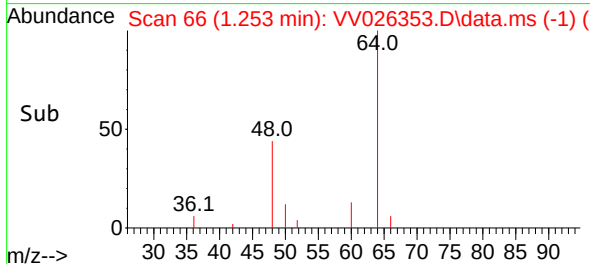
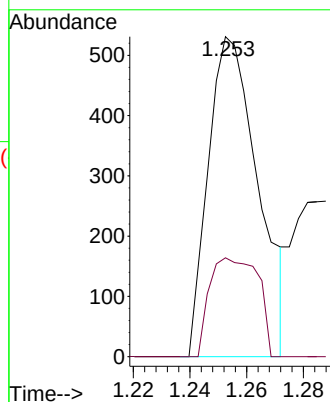
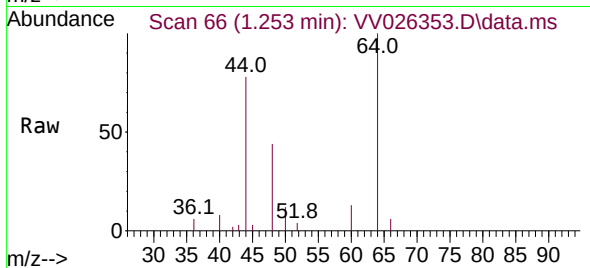




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.253 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

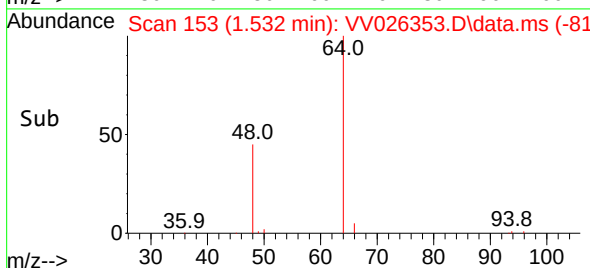
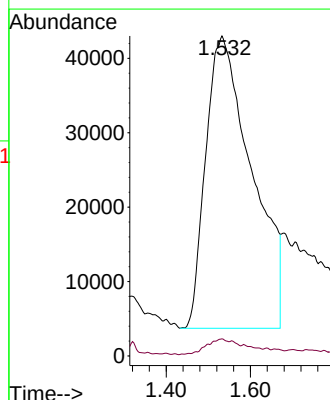
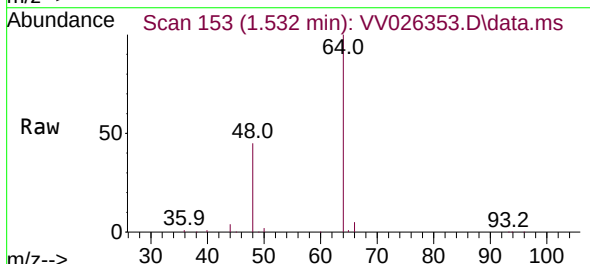
Instrument :
MSVOA_V
ClientSampleId :
BGJ69

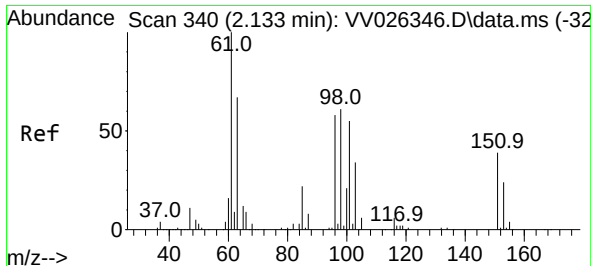
Tgt Ion: 50 Resp: 646
Ion Ratio Lower Upper
50 100
52 30.9 23.7 44.1



#8
Chloroethane
Concen: 29.330 ug/L
RT: 1.532 min Scan# 153
Delta R.T. -0.068 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 64 Resp: 297862
Ion Ratio Lower Upper
64 100
66 5.3 24.1 44.7#

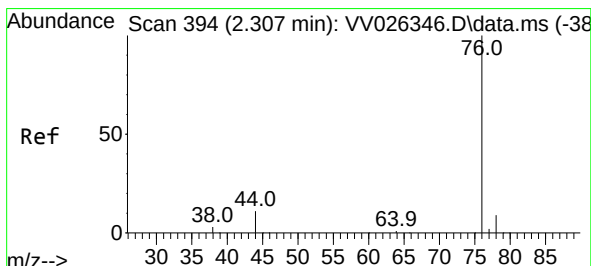
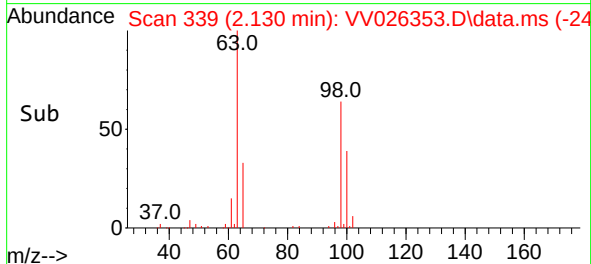
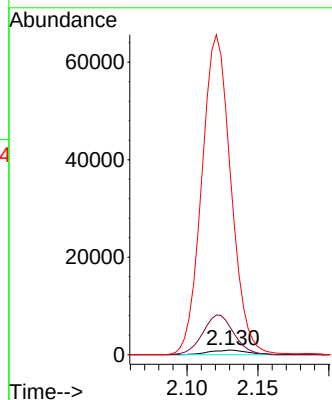
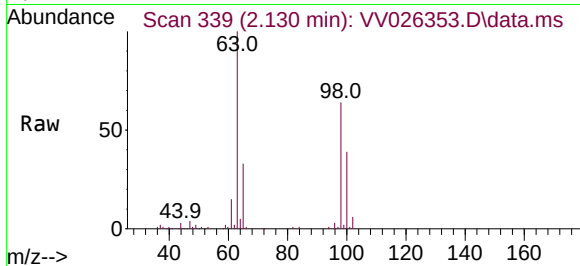




#12
1,1-Dichloroethene
Concen: 0.147 ug/L
RT: 2.130 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

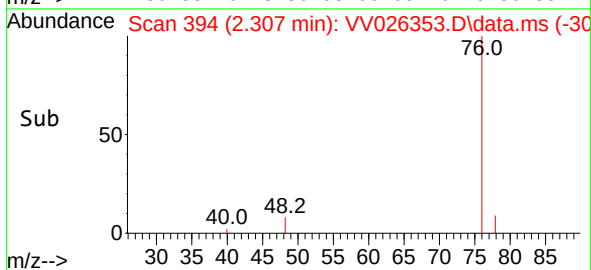
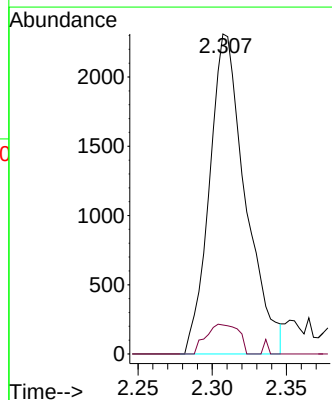
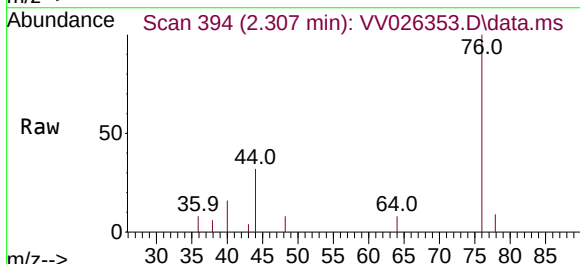
Instrument :
MSVOA_V
ClientSampleId :
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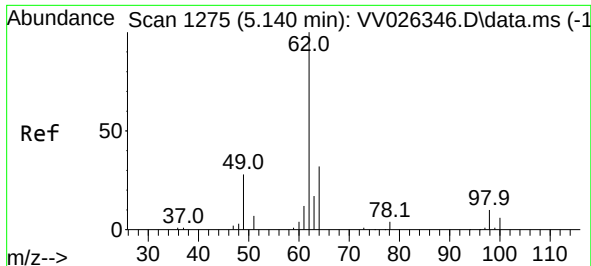
Tgt Ion: 96 Resp: 1757
Ion Ratio Lower Upper
96 100
61 592.4 117.1 217.5#
63 3966.6 92.8 172.4#



#14
Carbon disulfide
Concen: 0.132 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.000 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 76 Resp: 3894
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5





#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 5.066 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026353.D

Acq: 16 Jun 2022 23:41

Instrument :

MSVOA_V

ClientSampleId :

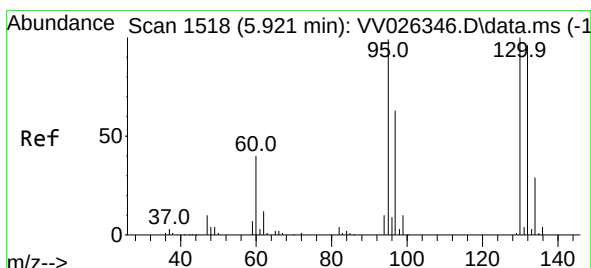
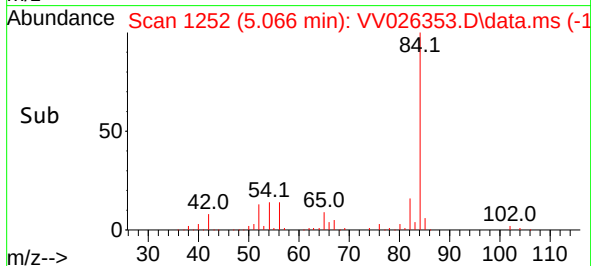
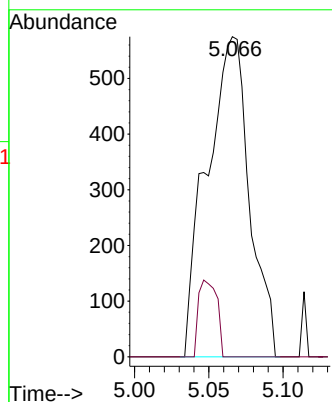
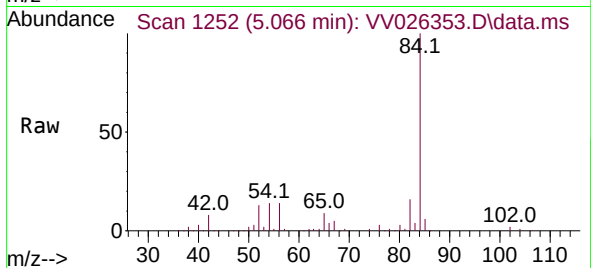
BGJ69

Tgt Ion: 62 Resp: 1150

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#34

Trichloroethene

Concen: 0.423 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.006 min

Lab File: VV026353.D

Acq: 16 Jun 2022 23:41

Tgt Ion: 95 Resp: 5455

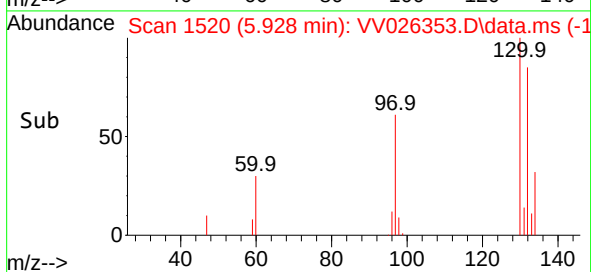
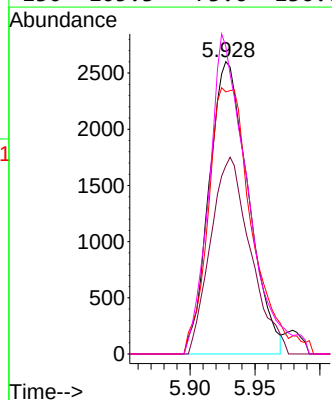
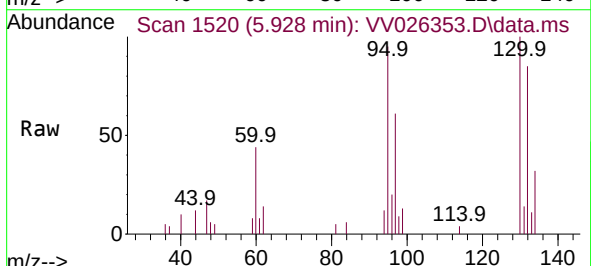
Ion Ratio Lower Upper

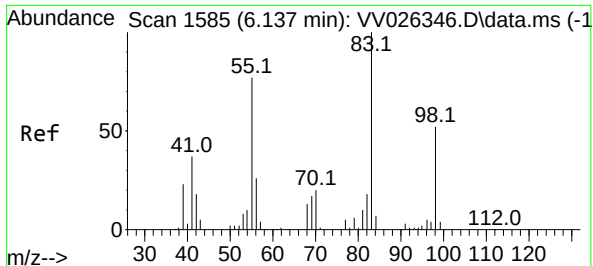
95 100

97 64.4 46.5 86.3

132 89.6 68.8 127.8

130 105.3 73.6 136.6

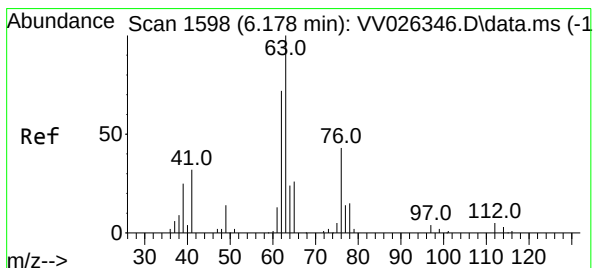
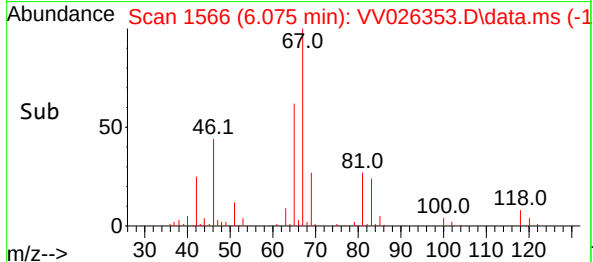
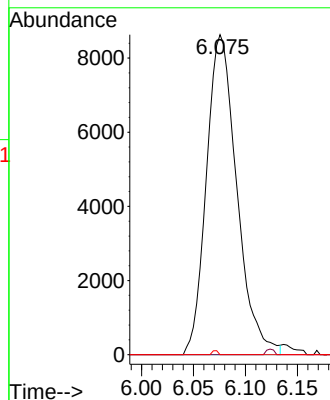
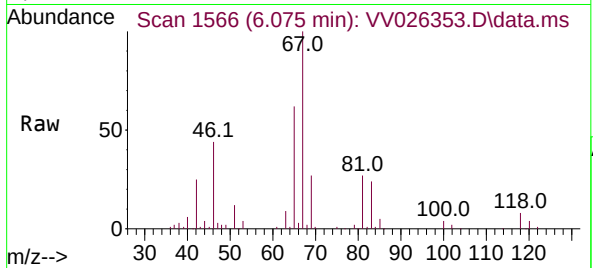




#35
Methylcyclohexane
Concen: 0.985 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

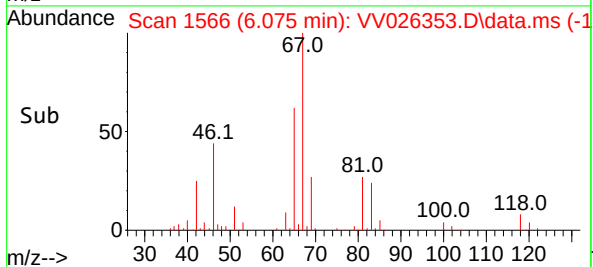
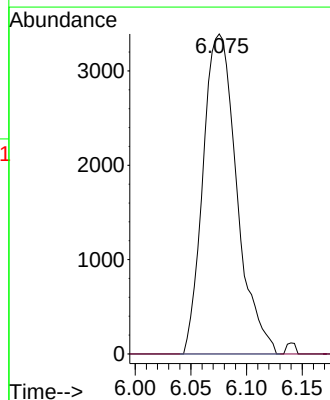
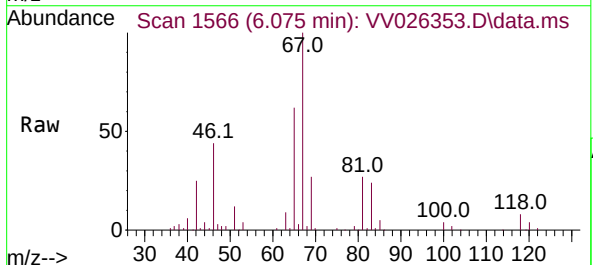
Instrument :
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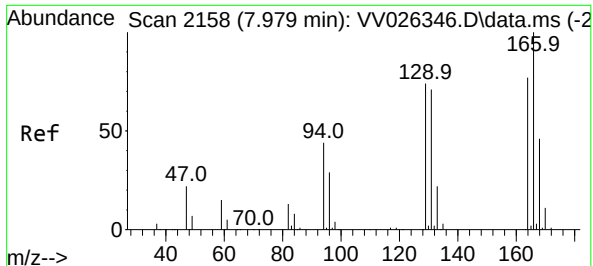
Tgt Ion: 83 Resp: 17572
Ion Ratio Lower Upper
83 100
55 0.4 59.3 88.9#
98 0.2 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 63 Resp: 7152
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 0.051 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV026353.D

Acq: 16 Jun 2022 23:41

Instrument :

MSVOA_V

ClientSampleId :

BGJ69

Tgt Ion:164 Resp: 483

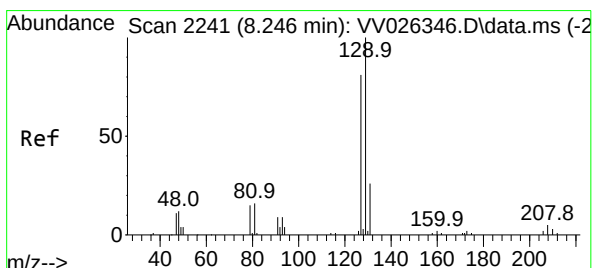
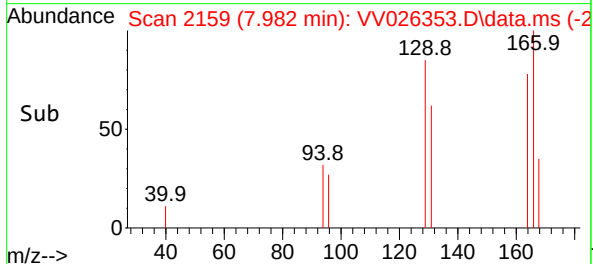
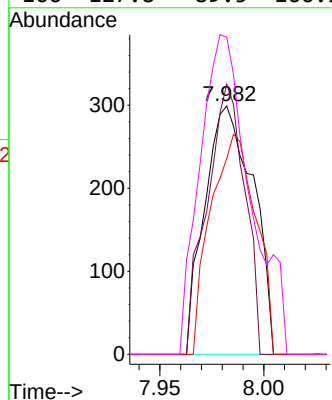
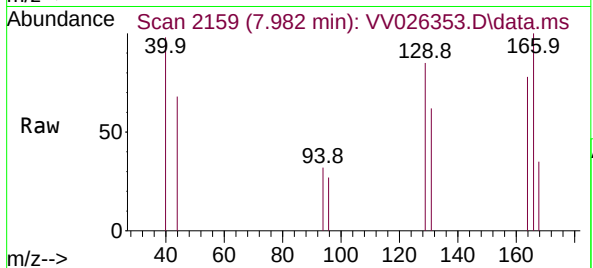
Ion Ratio Lower Upper

164 100

129 108.7 67.5 125.3

131 78.9 63.8 118.4

166 127.8 89.5 166.3



#49

Dibromochloromethane

Concen: 0.046 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026353.D

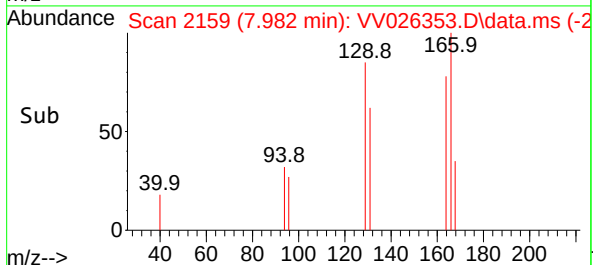
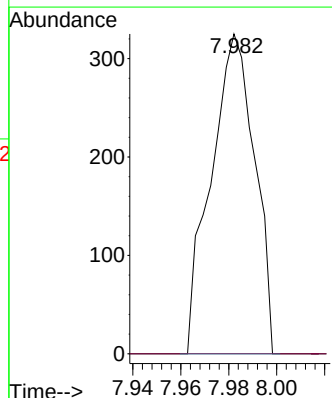
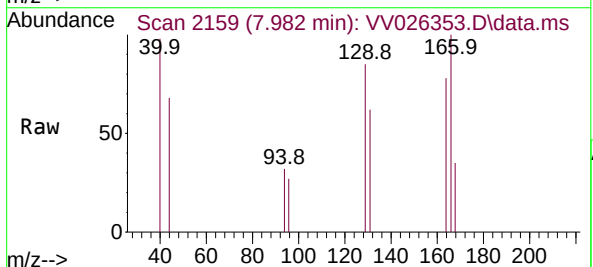
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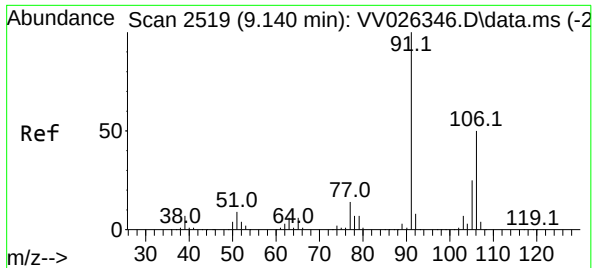
Tgt Ion:129 Resp: 411

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

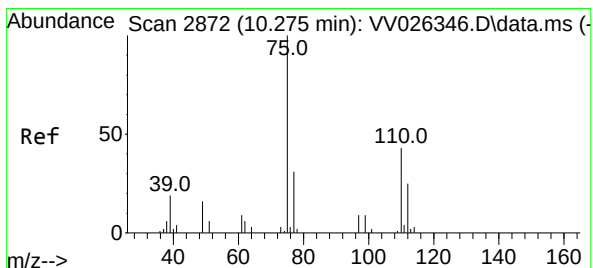
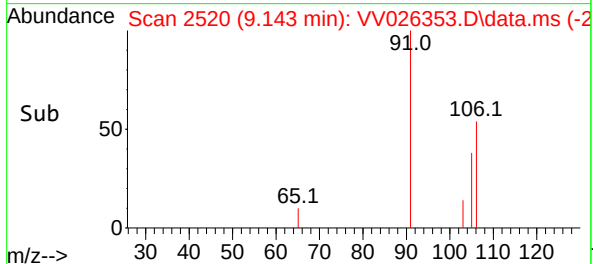
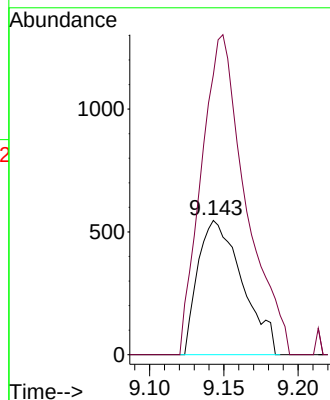
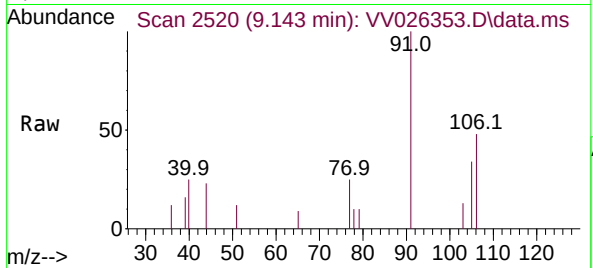




#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026353.D
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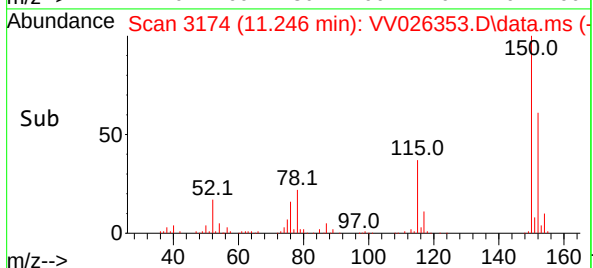
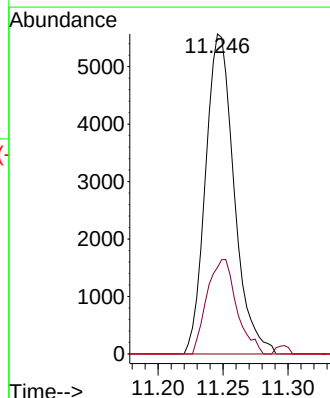
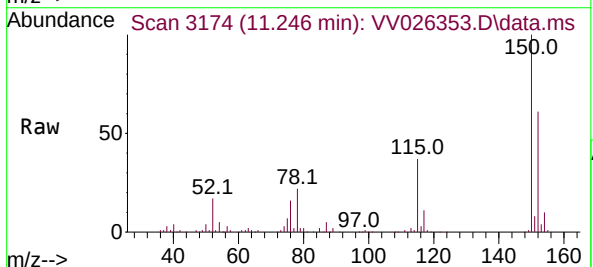
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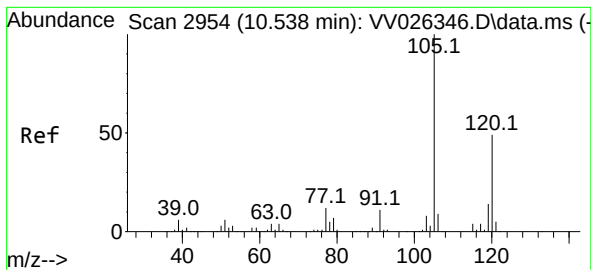
Tgt Ion:106 Resp: 1136
Ion Ratio Lower Upper
106 100
91 208.2 141.3 262.3



#61
1,2,3-Trichloropropane
Concen: 1.760 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026353.D
Acq: 16 Jun 2022 23:41

Tgt Ion: 75 Resp: 8512
Ion Ratio Lower Upper
75 100
77 30.5 26.9 40.3
110 0.0 30.7 46.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.039 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.379 min
 Lab File: VV026353.D
 Acq: 16 Jun 2022 23:41

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ69

Tgt Ion:105 Resp: 1217
 Ion Ratio Lower Upper
 105 100
 120 51.4 39.9 59.9

