

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061622\
 Data File : VW026350.D
 Acq On : 16 Jun 2022 22:29
 Operator : SY/MD
 Sample : N3318-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ63

Quant Time: Jun 17 07:19:22 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)

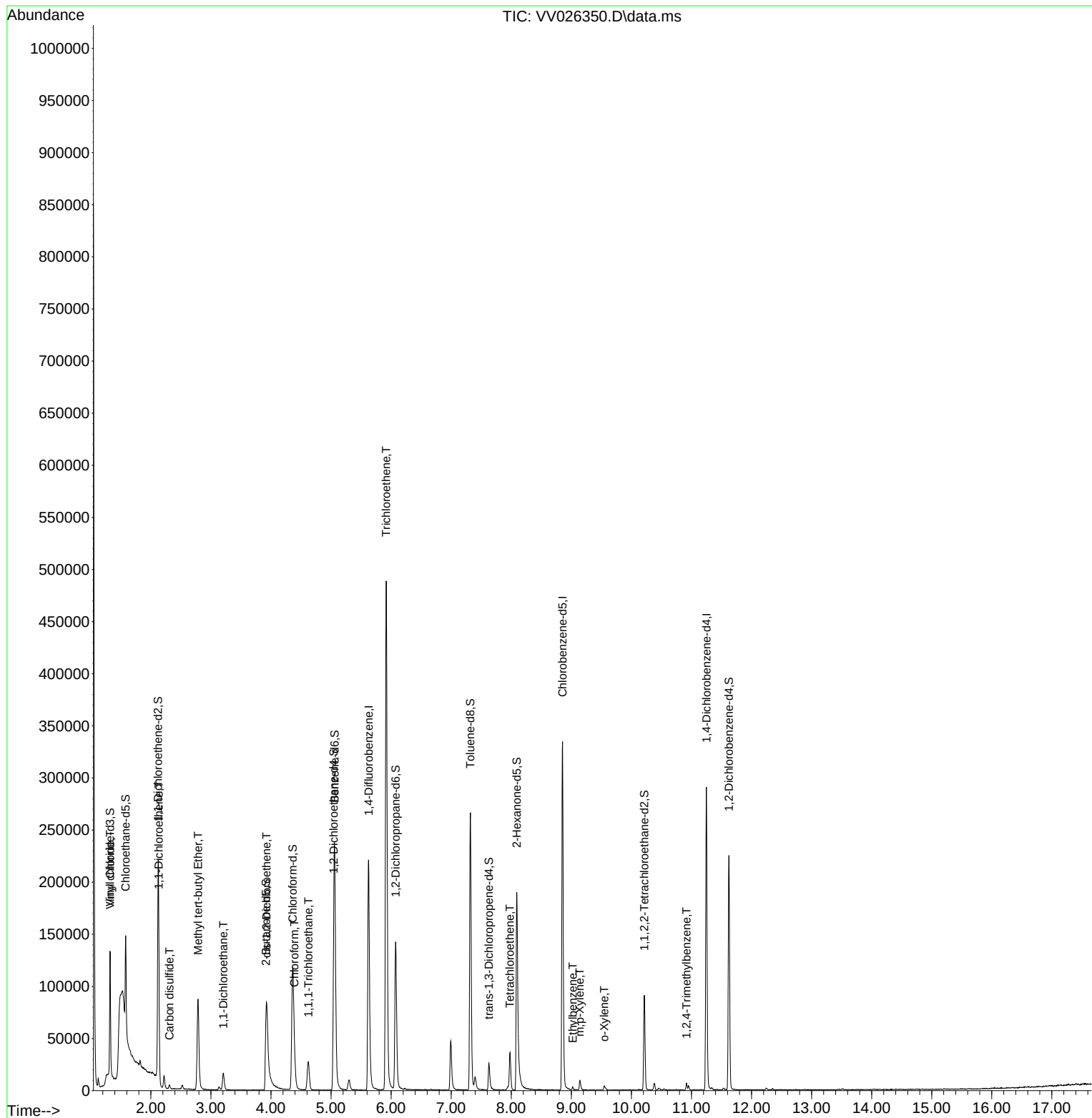
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	189392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63568	3.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.581	69	55437	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.121	63	103348	3.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.918	46	88289	52.794	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.580%
24) Chloroform-d	4.362	84	124724	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.043	65	49627	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.059	84	227507	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.075	67	71514	4.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.320	98	181302	3.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.628	79	16886	3.524	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.091	63	67567	46.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45749	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	59767	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	19589	1.150	ug/L #	32
12) 1,1-Dichloroethene	2.134	96	24203	1.941	ug/L #	69
14) Carbon disulfide	2.310	76	5235	0.170	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	87106	4.064	ug/L	98
19) 1,1-Dichloroethane	3.207	63	17419	0.755	ug/L	98
22) cis-1,2-Dichloroethene	3.924	96	29993	2.452	ug/L	99
25) Chloroform	4.387	83	22561	0.902	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	22318	1.067	ug/L	96
34) Trichloroethene	5.918	95	173933	13.121	ug/L	99
47) Tetrachloroethene	7.979	164	8545	0.870	ug/L	97
52) Ethylbenzene	9.024	91	1964	0.038	ug/L #	78
53) m,p-Xylene	9.140	106	2760	0.138	ug/L	99
54) o-Xylene	9.548	106	1151	0.060	ug/L	82
63) 1,2,4-Trimethylbenzene	10.918	105	3536	0.110	ug/L	91

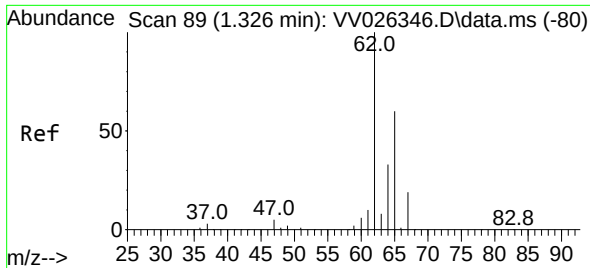
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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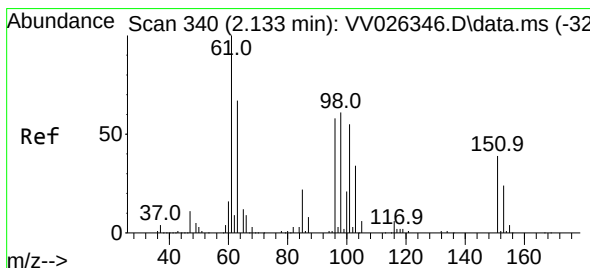
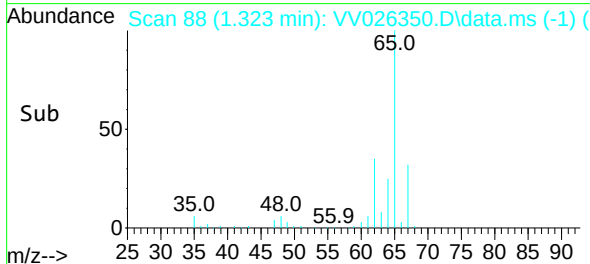
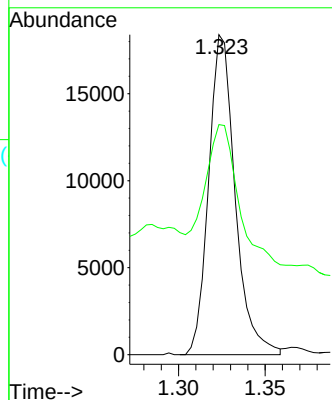
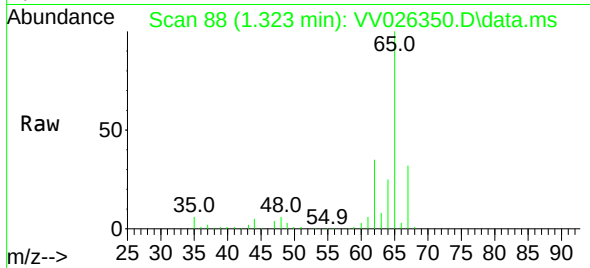




#5
 Vinyl chloride
 Concen: 1.150 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026350.D
 Acq: 16 Jun 2022 22:29

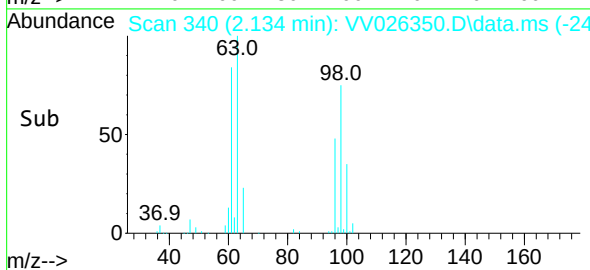
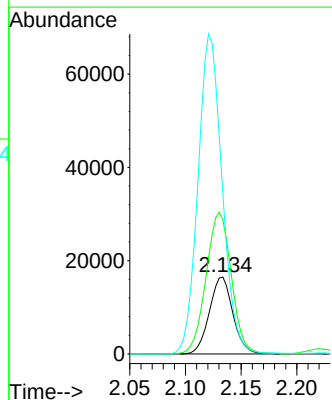
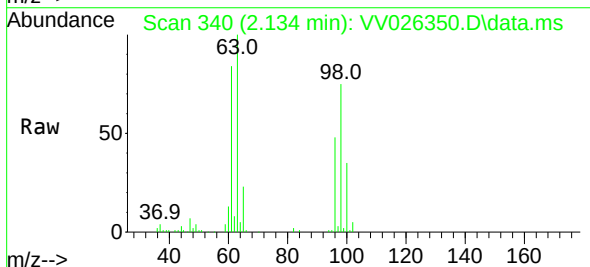
Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ63

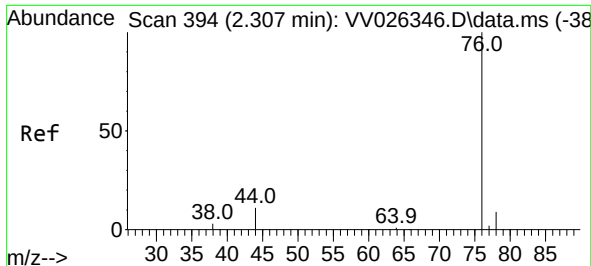
Tgt Ion: 62 Resp: 19589
 Ion Ratio Lower Upper
 62 100
 64 71.9 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 1.941 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026350.D
 Acq: 16 Jun 2022 22:29

Tgt Ion: 96 Resp: 24203
 Ion Ratio Lower Upper
 96 100
 61 174.0 117.1 217.5
 63 207.3 92.8 172.4#

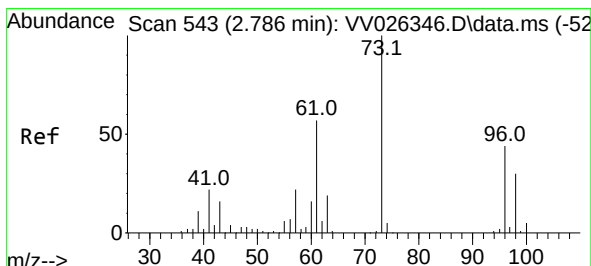
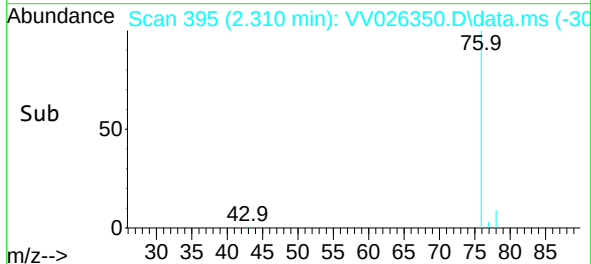
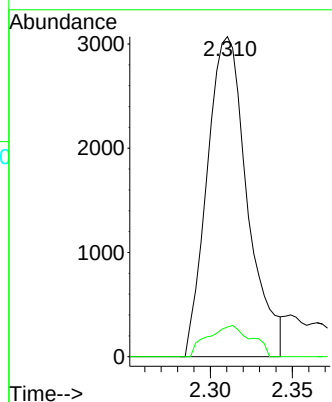
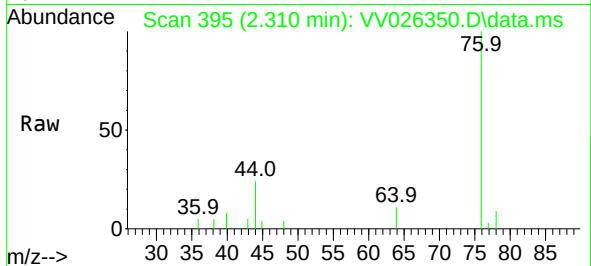




#14
Carbon disulfide
Concen: 0.170 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

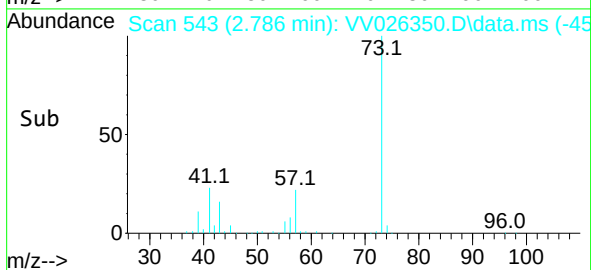
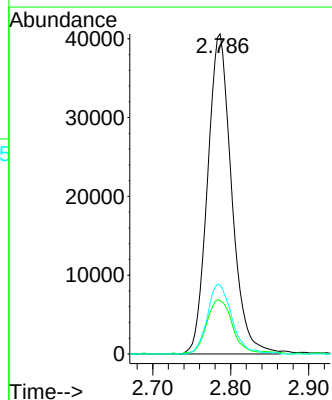
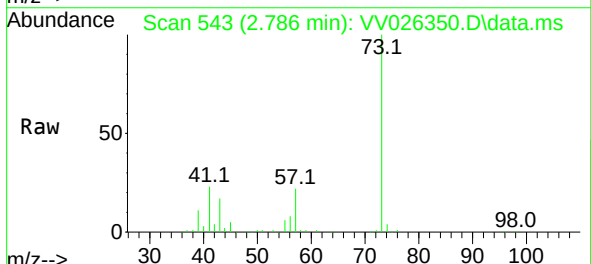
Instrument :
MSVOA_V
ClientSampleId :
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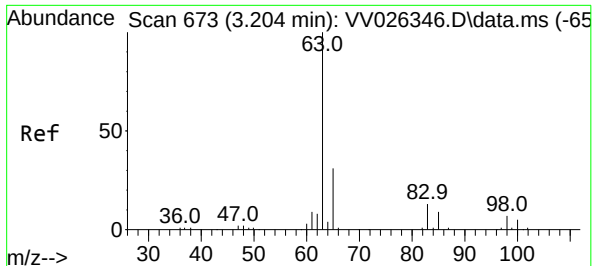
Tgt Ion: 76 Resp: 5235
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#17
Methyl tert-butyl Ether
Concen: 4.064 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.000 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Tgt Ion: 73 Resp: 87106
Ion Ratio Lower Upper
73 100
43 18.0 13.0 19.6
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 0.755 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026350.D

Acq: 16 Jun 2022 22:29

Instrument :

MSVOA_V

ClientSampleId :

BGJ63

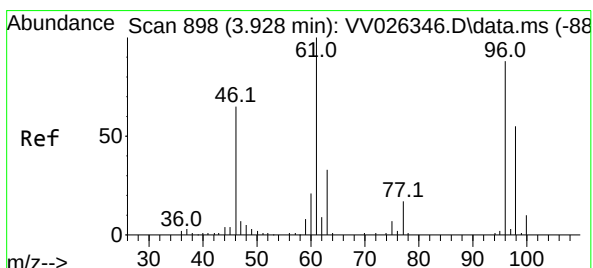
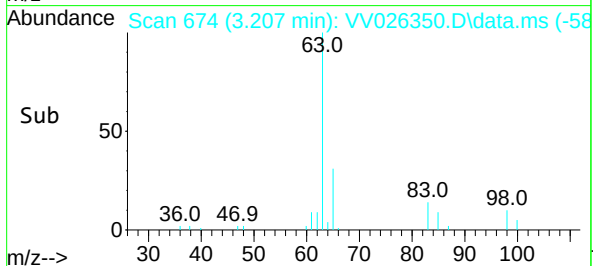
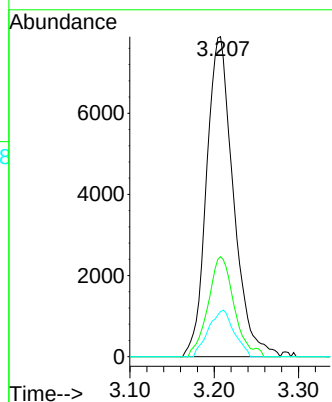
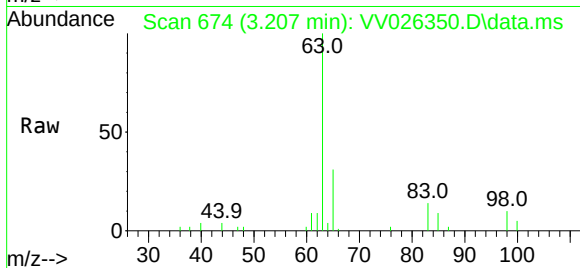
Tgt Ion: 63 Resp: 17419

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

83 14.1 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 2.452 ug/L

RT: 3.924 min Scan# 897

Delta R.T. -0.003 min

Lab File: VV026350.D

Acq: 16 Jun 2022 22:29

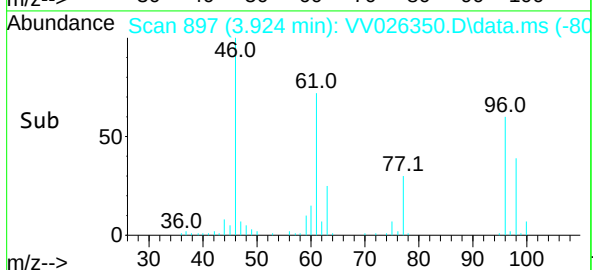
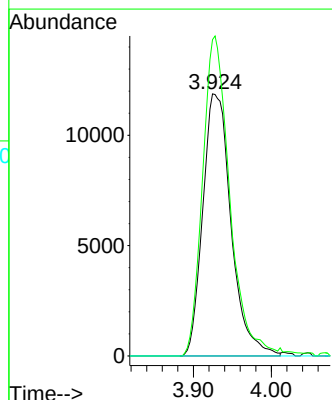
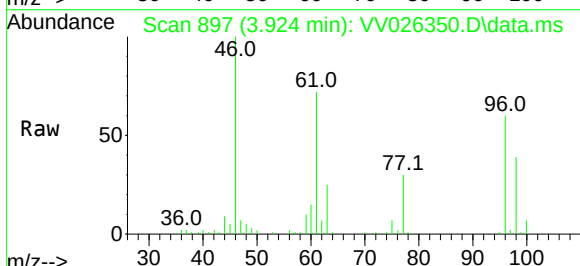
Tgt Ion: 96 Resp: 29993

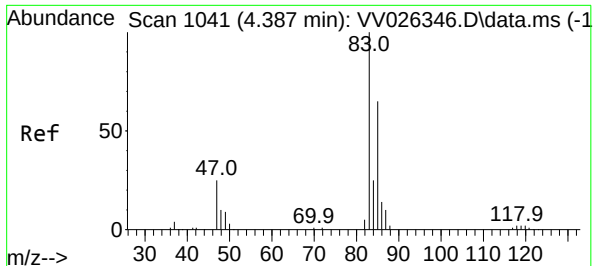
Ion Ratio Lower Upper

96 100

61 120.7 83.6 155.2

68 0.0 0.0 0.0

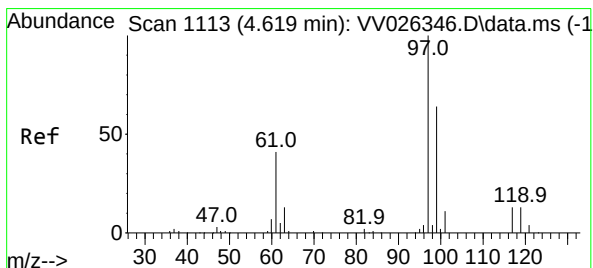
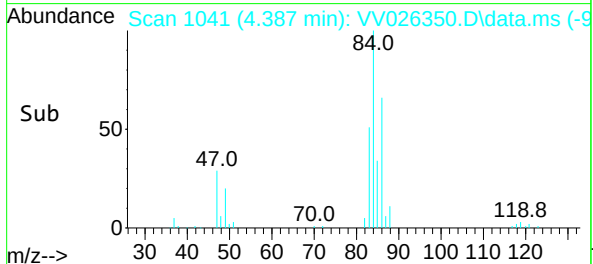
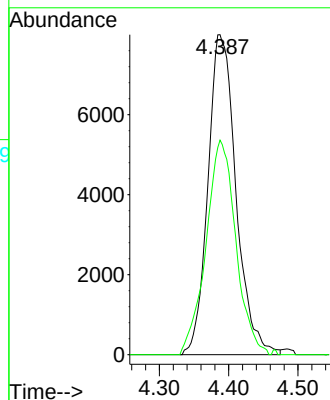
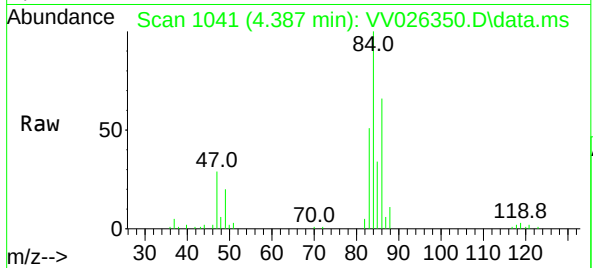




#25
Chloroform
Concen: 0.902 ug/L
RT: 4.387 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

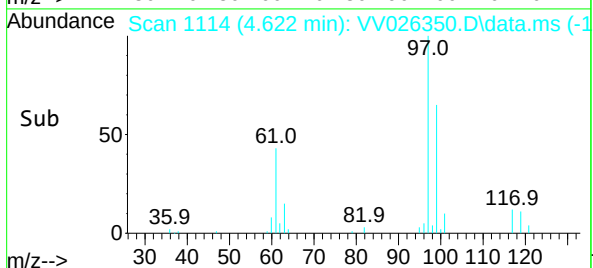
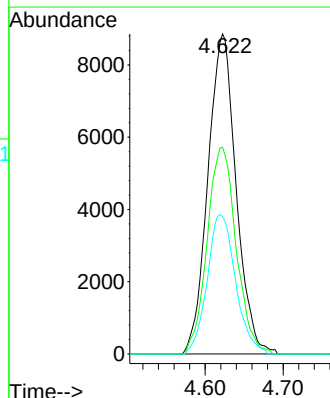
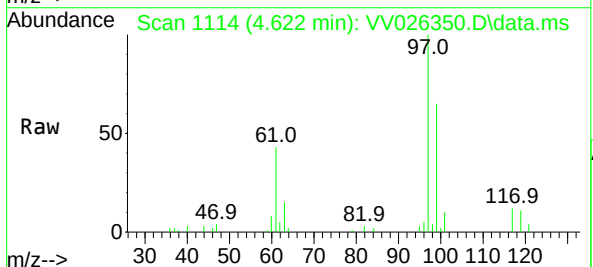
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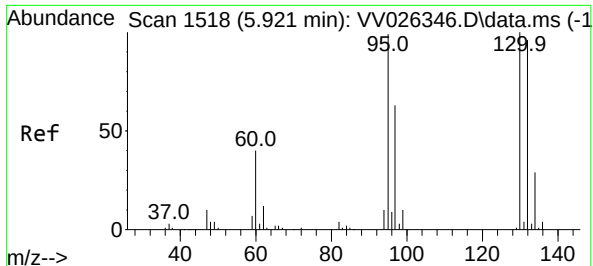
Tgt Ion: 83 Resp: 22561
Ion Ratio Lower Upper
83 100
85 67.1 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 1.067 ug/L
RT: 4.622 min Scan# 1114
Delta R.T. 0.003 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Tgt Ion: 97 Resp: 22318
Ion Ratio Lower Upper
97 100
99 66.3 50.3 75.5
61 43.7 33.4 50.0

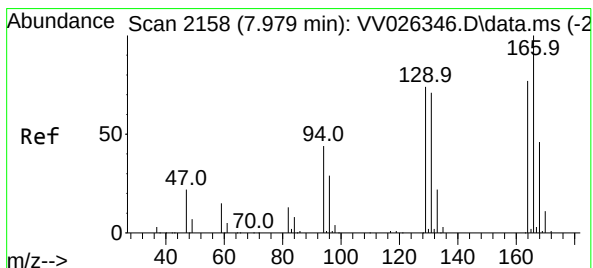
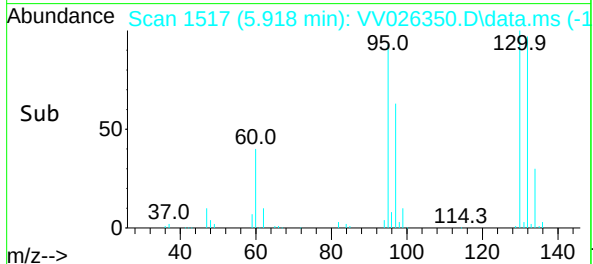
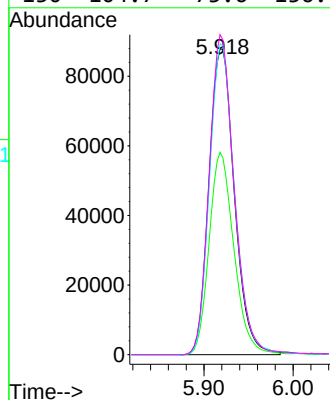
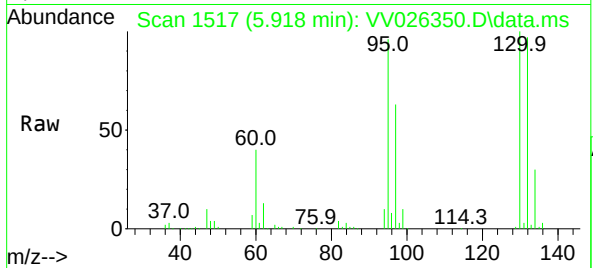




#34
Trichloroethene
Concen: 13.121 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

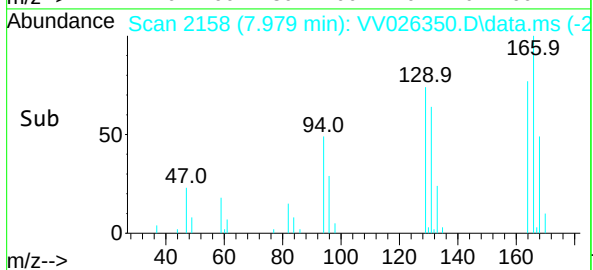
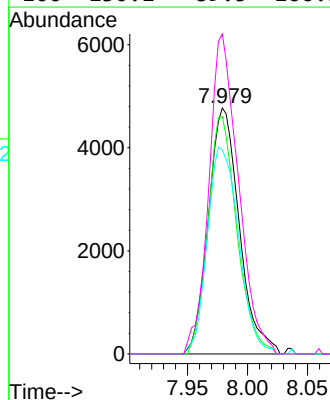
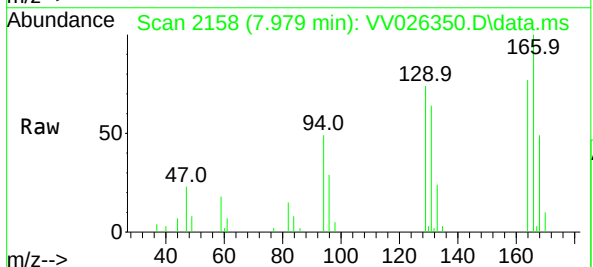
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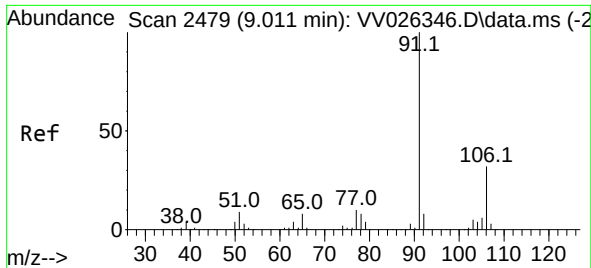
Tgt Ion: 95 Resp: 173933
Ion Ratio Lower Upper
95 100
97 66.1 46.5 86.3
132 101.7 68.8 127.8
130 104.7 73.6 136.6



#47
Tetrachloroethene
Concen: 0.870 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Tgt Ion:164 Resp: 8545
Ion Ratio Lower Upper
164 100
129 96.6 67.5 125.3
131 82.9 63.8 118.4
166 130.1 89.5 166.3

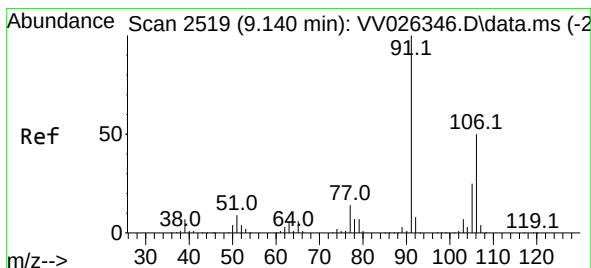
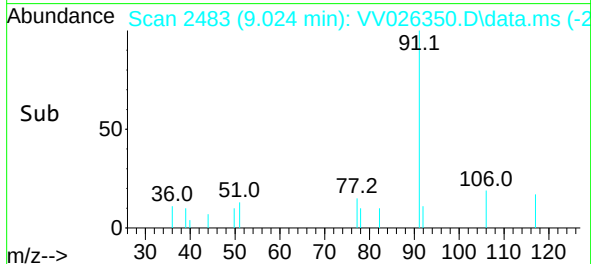
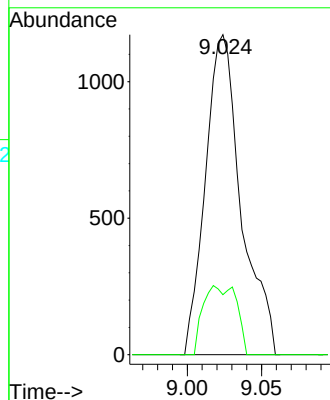
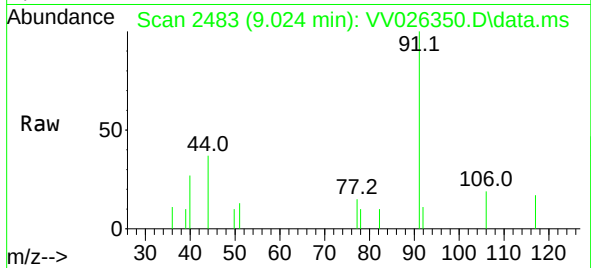




#52
Ethylbenzene
Concen: 0.038 ug/L
RT: 9.024 min Scan# 2479
Delta R.T. 0.013 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

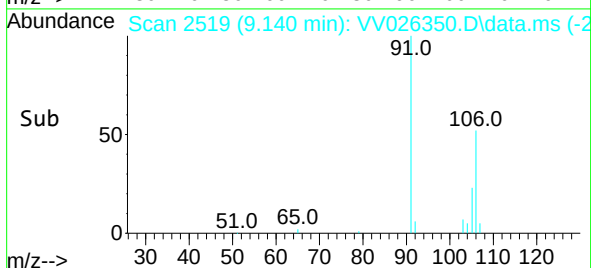
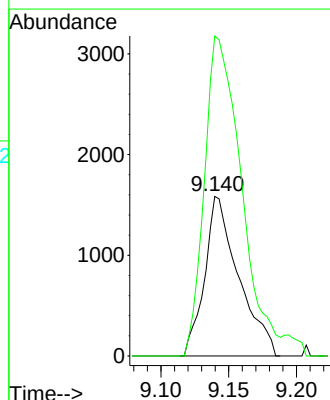
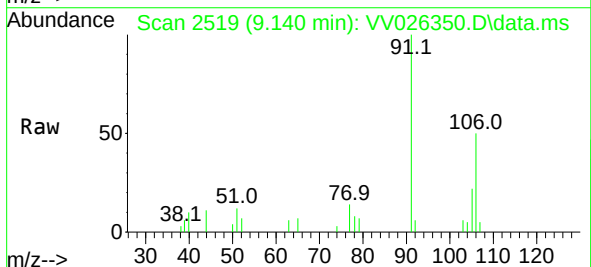
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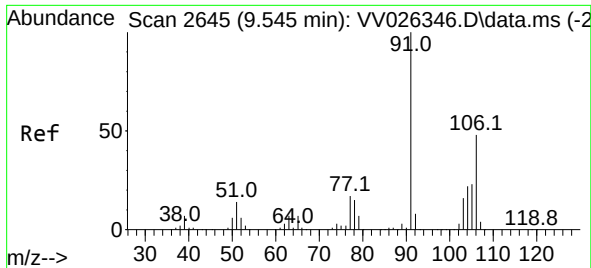
Tgt Ion: 91 Resp: 1964
Ion Ratio Lower Upper
91 100
106 18.8 21.6 40.0#



#53
m,p-Xylene
Concen: 0.138 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Tgt Ion: 106 Resp: 2760
Ion Ratio Lower Upper
106 100
91 200.5 141.3 262.3

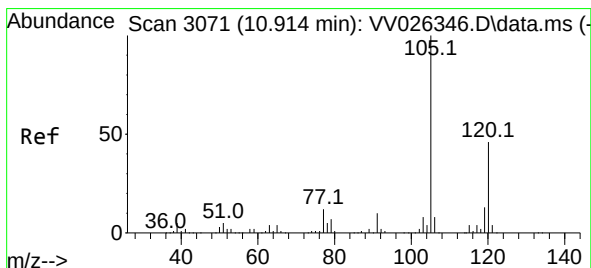
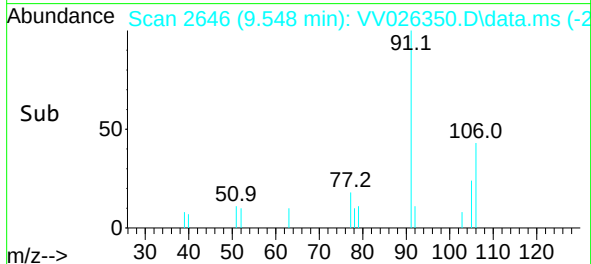
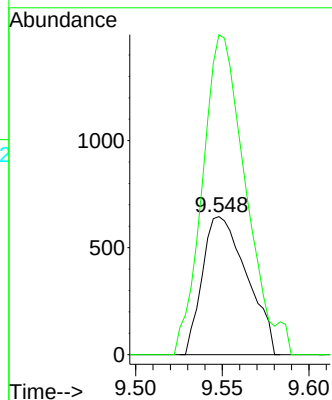
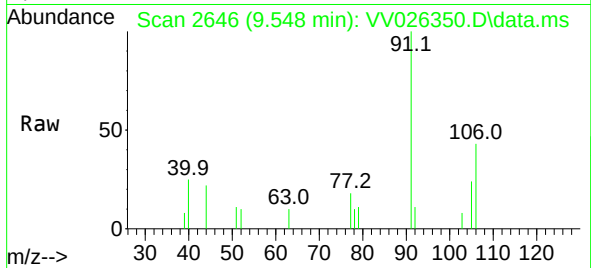




#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Instrument :
MSVOA_V
ClientSampleId :
BGJ63

Tgt Ion:106 Resp: 1151
Ion Ratio Lower Upper
106 100
91 231.8 143.3 266.1



#63
1,2,4-Trimethylbenzene
Concen: 0.110 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV026350.D
Acq: 16 Jun 2022 22:29

Tgt Ion:105 Resp: 3536
Ion Ratio Lower Upper
105 100
120 52.2 36.9 55.3

