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 Data File : VW026276.D
 Acq On : 15 Jun 2022 14:33
 Operator : SY/MD
 Sample : N3320-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJ75

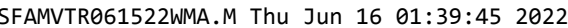
Quant Time: Jun 16 01:39:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

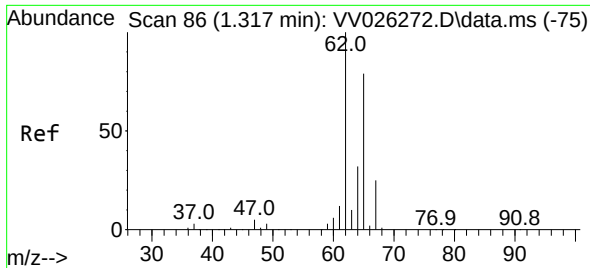
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	194958	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	186043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	80592	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.577	69	65688	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.118	63	150178	5.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.912	46	100174	60.627	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.260%
24) Chloroform-d	4.359	84	129966	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.040	65	54887	5.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.056	84	259012	5.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.072	67	79905	5.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.317	98	216474	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.629	79	22099	4.695	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.092	63	72582	51.045	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47317	5.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	68633	5.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.320	62	11359	0.675	ug/L	93
8) Chloroethane	1.320	64	4438	0.425	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	1289	0.096	ug/L #	21
12) 1,1-Dichloroethene	2.127	96	70918	5.758	ug/L	97
14) Carbon disulfide	2.304	76	4106	0.135	ug/L #	92
17) Methyl tert-butyl Ether	2.786	73	1712	0.081	ug/L #	65
18) trans-1,2-Dichloroethene	2.773	96	1658	0.139	ug/L	87
19) 1,1-Dichloroethane	3.204	63	32783	1.439	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	219258	18.141	ug/L	100
34) Trichloroethene	5.915	95	884649	67.936	ug/L	97
35) Methylcyclohexane	6.072	83	19277	1.070	ug/L #	18
39) cis-1,3-Dichloropropene	6.986	75	1600	0.112	ug/L #	66
44) trans-1,3-Dichloropropene	7.622	75	1013	0.089	ug/L	94
47) Tetrachloroethene	7.985	164	1270	0.132	ug/L #	77
49) Dibromochloromethane	7.985	129	879	0.097	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	9546	1.845	ug/L #	66

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

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MSVOA_V
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 16 01:38:03 2022
Response via : Initial Calibration

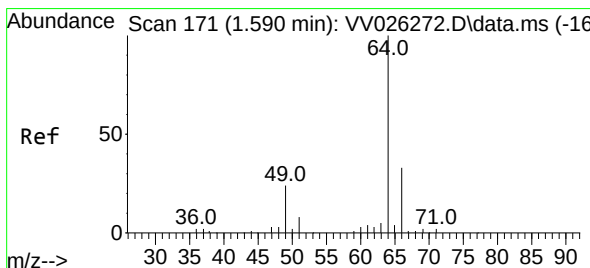
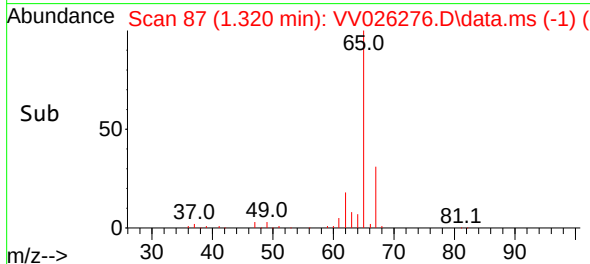
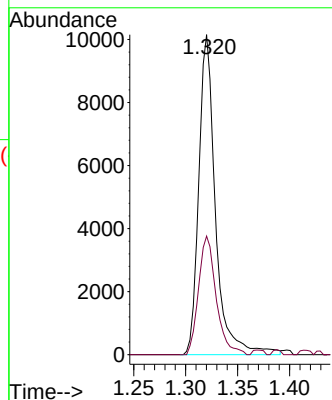
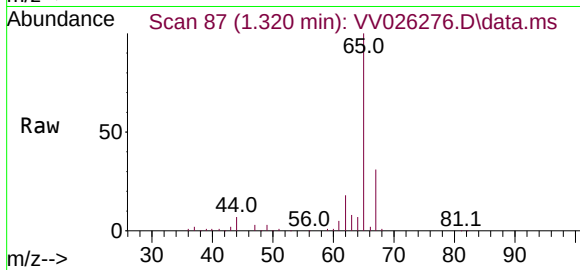




#5
 Vinyl chloride
 Concen: 0.675 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026276.D
 Acq: 15 Jun 2022 14:33

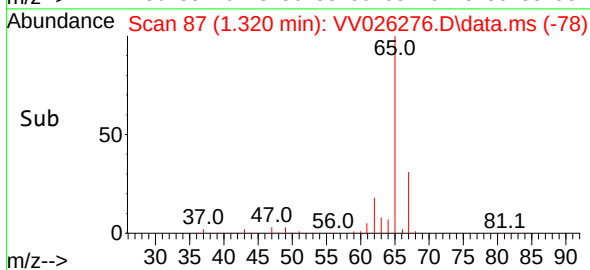
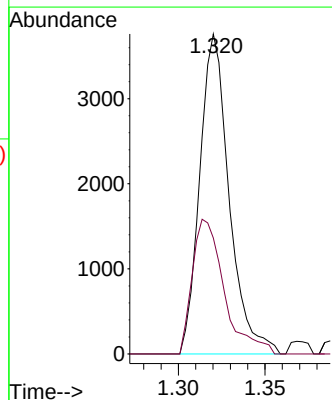
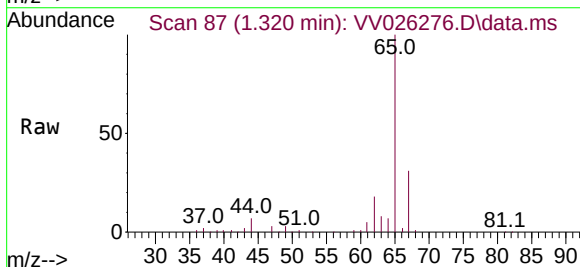
Instrument :
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 ClientSampleId :
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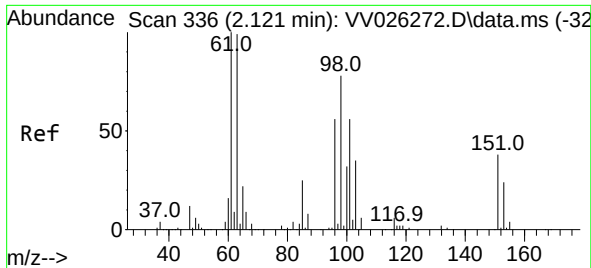
Tgt Ion: 62 Resp: 11359
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.2 43.2



#8
 Chloroethane
 Concen: 0.425 ug/L
 RT: 1.320 min Scan# 87
 Delta R.T. -0.270 min
 Lab File: VV026276.D
 Acq: 15 Jun 2022 14:33

Tgt Ion: 64 Resp: 4438
 Ion Ratio Lower Upper
 64 100
 66 36.2 24.1 44.7

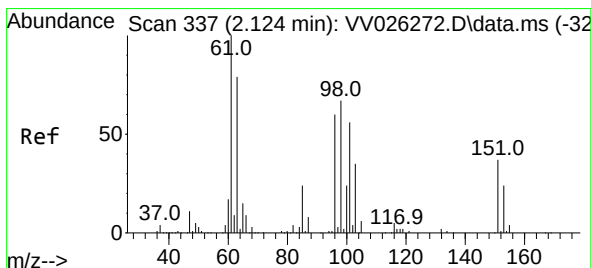
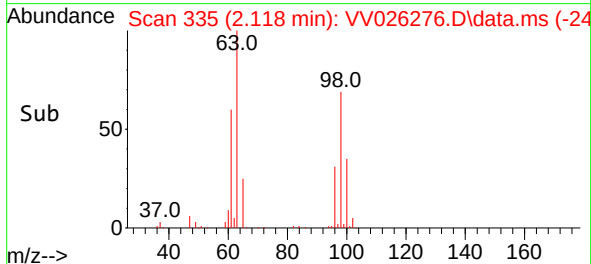
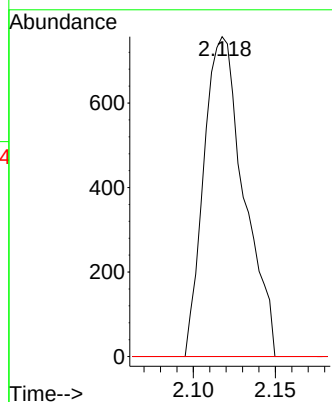
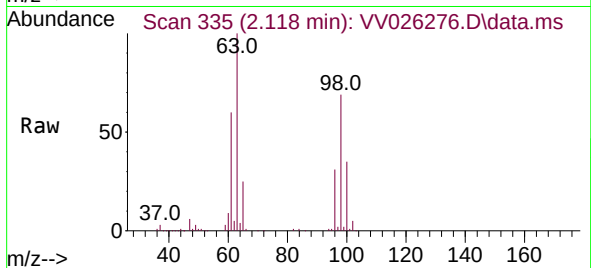




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

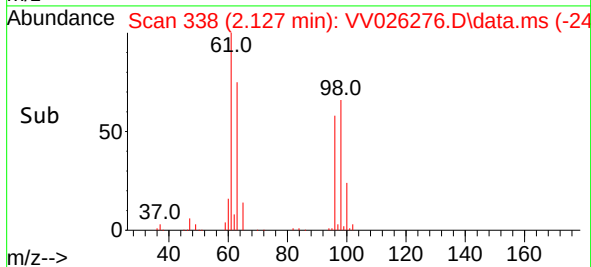
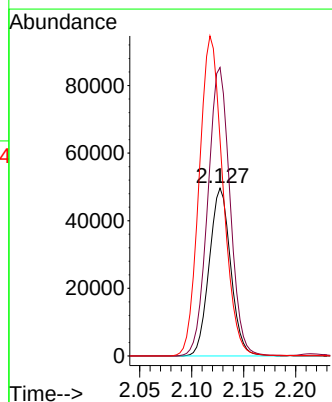
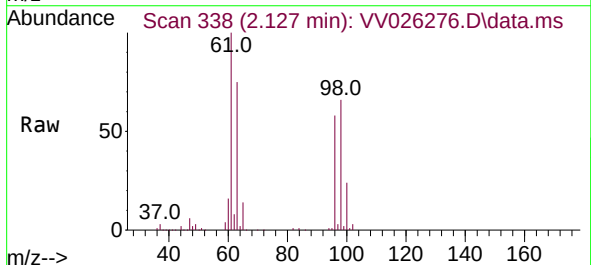
Instrument :
MSVOA_V
ClientSampleId :
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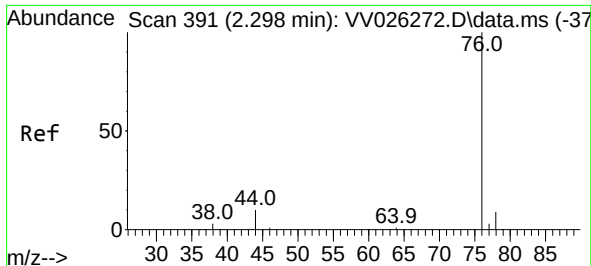
Tgt Ion:101 Resp: 1289
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.8 85.2#



#12
1,1-Dichloroethene
Concen: 5.758 ug/L
RT: 2.127 min Scan# 338
Delta R.T. 0.003 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 96 Resp: 70918
Ion Ratio Lower Upper
96 100
61 171.9 117.1 217.5
63 129.0 92.8 172.4

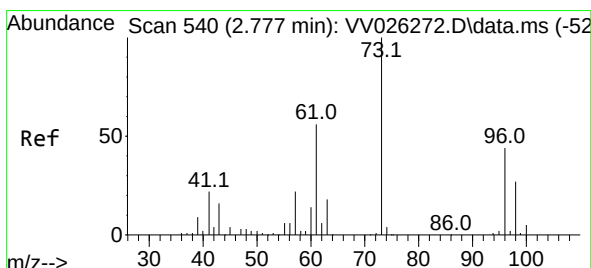
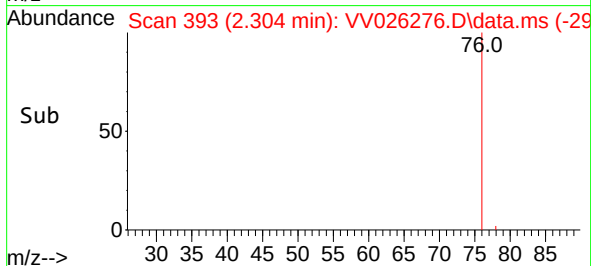
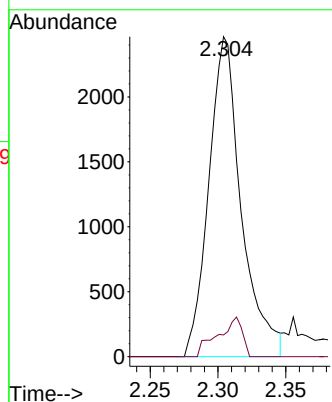
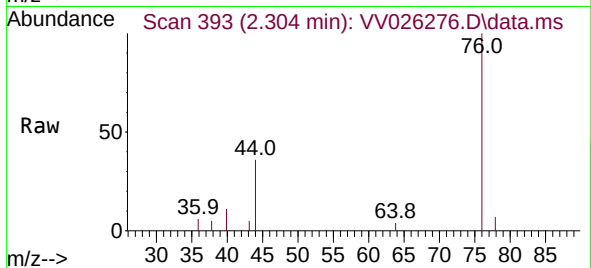




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.304 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

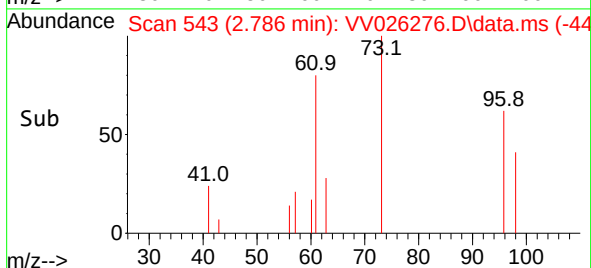
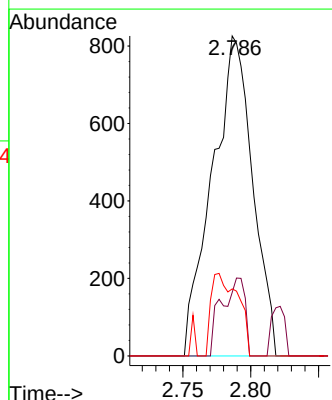
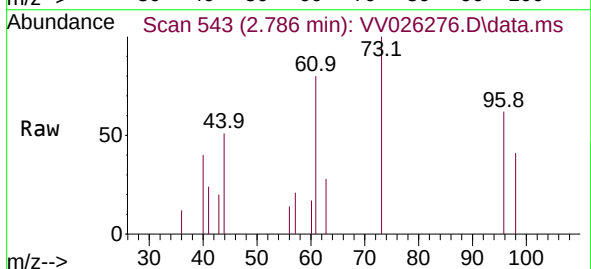
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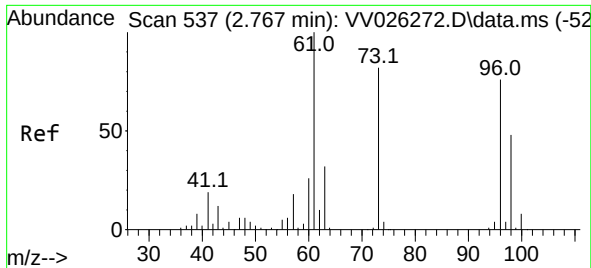
Tgt Ion: 76 Resp: 4106
Ion Ratio Lower Upper
76 100
78 6.8 7.7 11.5#



#17
Methyl tert-butyl Ether
Concen: 0.081 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.010 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 73 Resp: 1712
Ion Ratio Lower Upper
73 100
43 8.1 13.0 19.6#
57 0.0 17.6 26.4#

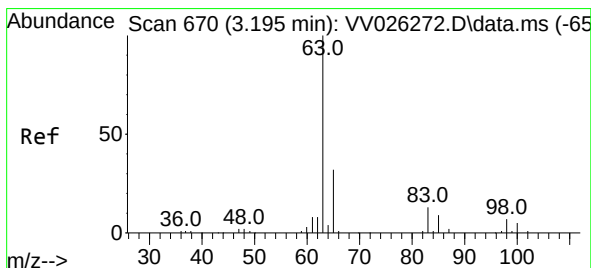
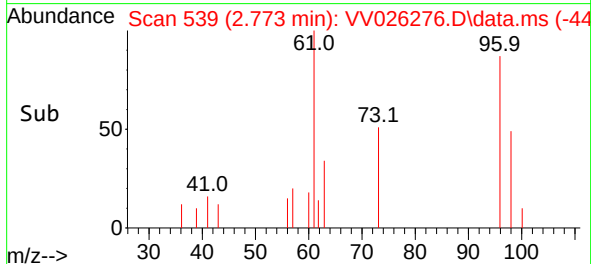
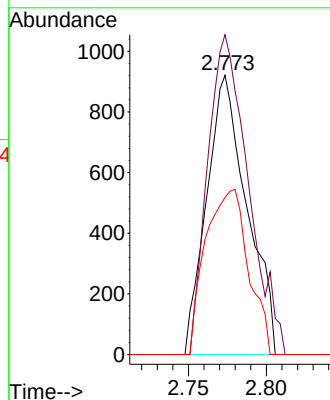
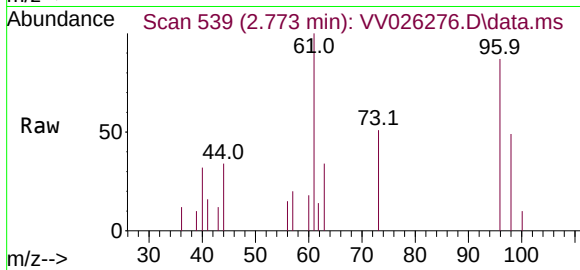




#18
trans-1,2-Dichloroethene
Concen: 0.139 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

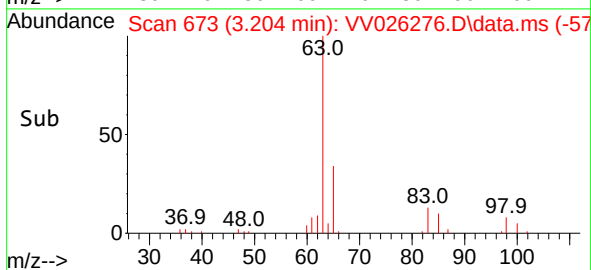
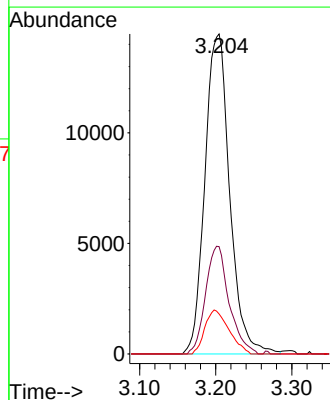
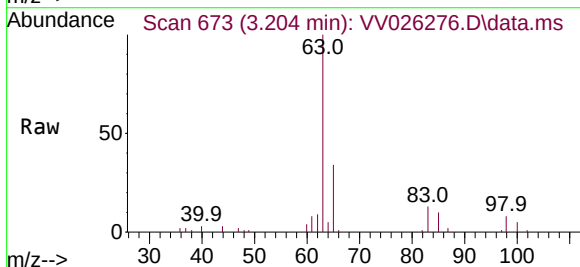
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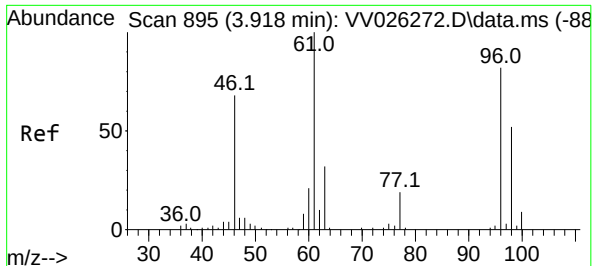
Tgt Ion: 96 Resp: 1658
Ion Ratio Lower Upper
96 100
61 114.5 91.3 169.6
98 56.2 45.3 84.1



#19
1,1-Dichloroethane
Concen: 1.439 ug/L
RT: 3.204 min Scan# 673
Delta R.T. 0.010 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 63 Resp: 32783
Ion Ratio Lower Upper
63 100
65 33.6 22.3 41.3
83 12.5 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 18.141 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.000 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

BGJ75

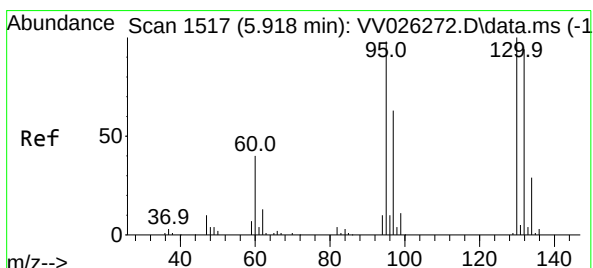
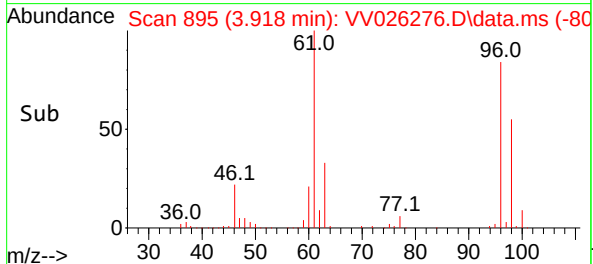
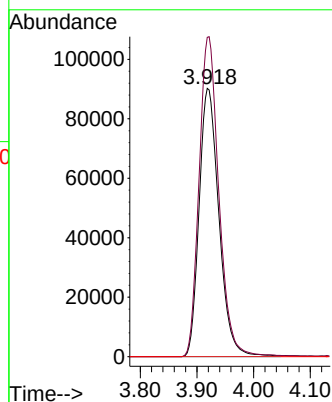
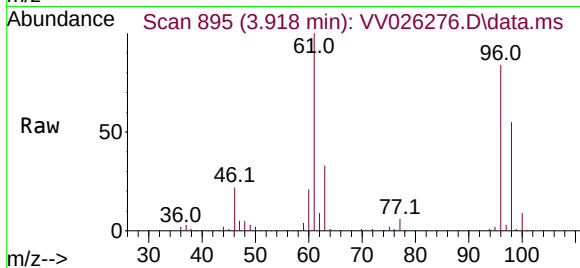
Tgt Ion: 96 Resp: 219258

Ion Ratio Lower Upper

96 100

61 119.0 83.6 155.2

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 67.936 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Tgt Ion: 95 Resp: 884649

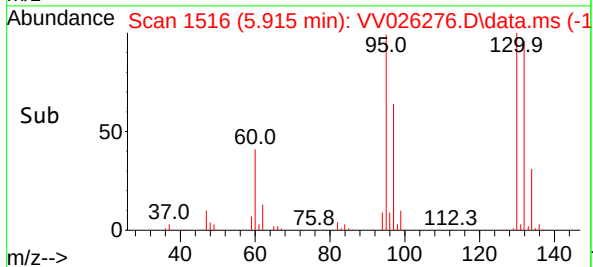
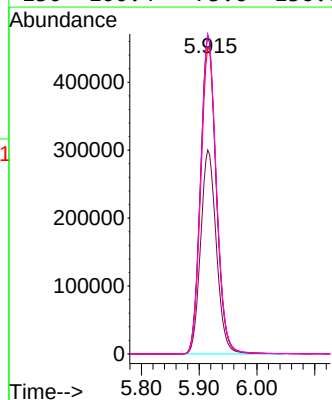
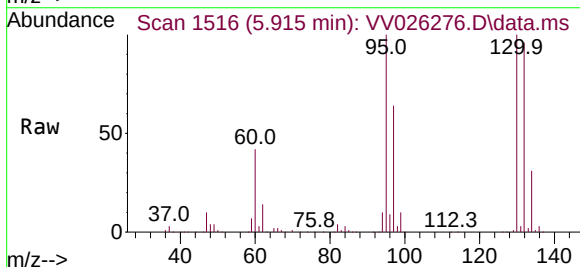
Ion Ratio Lower Upper

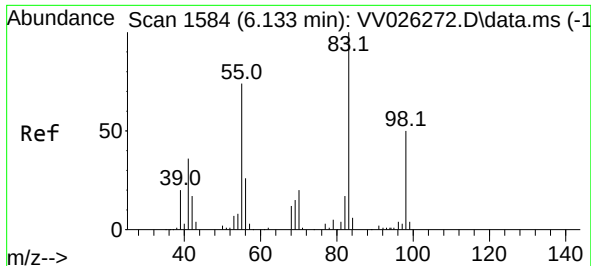
95 100

97 64.0 46.5 86.3

132 96.2 68.8 127.8

130 100.4 73.6 136.6

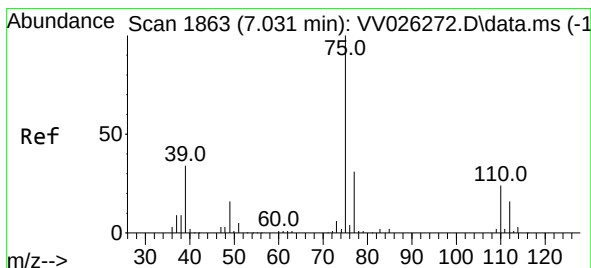
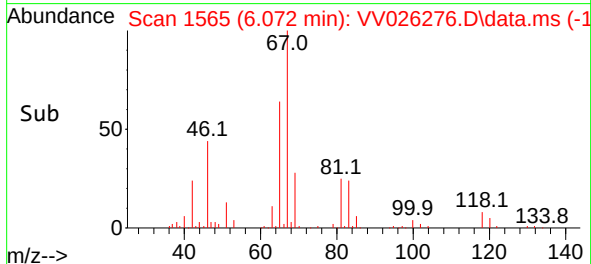
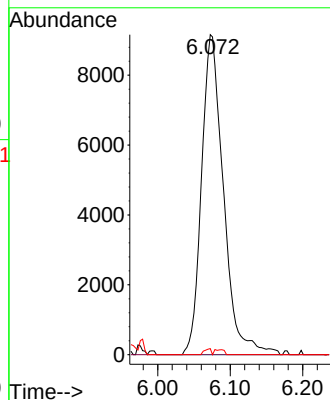
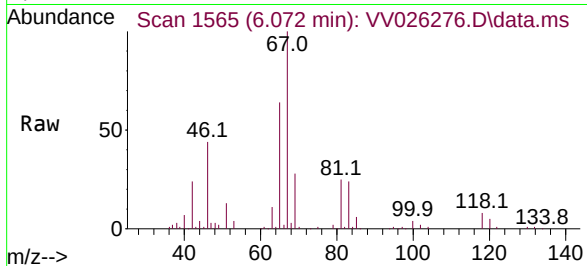




#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

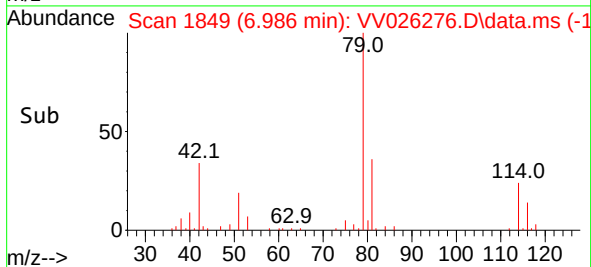
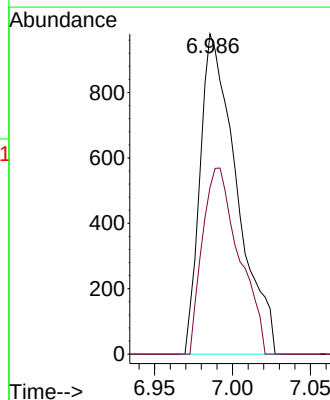
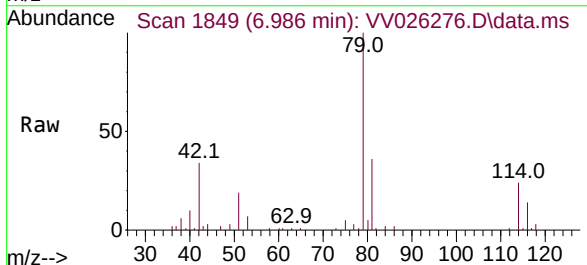
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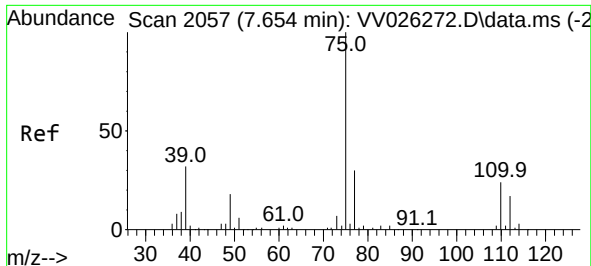
Tgt Ion: 83 Resp: 19277
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 0.0 39.9 59.9#



#39
cis-1,3-Dichloropropene
Concen: 0.112 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 75 Resp: 1600
Ion Ratio Lower Upper
75 100
77 52.0 23.0 42.6#

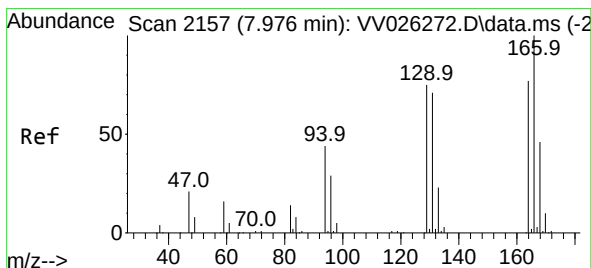
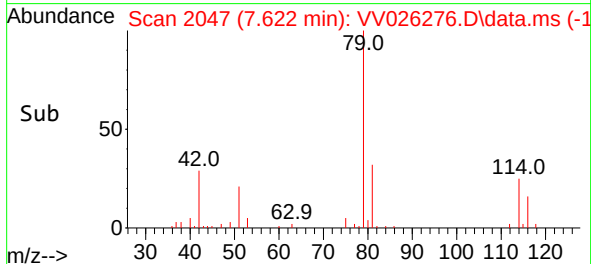
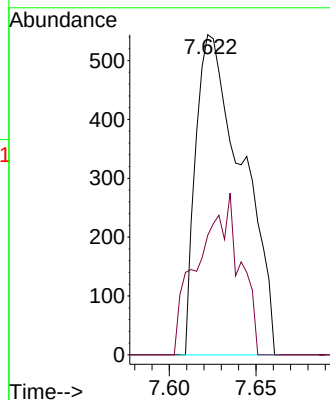
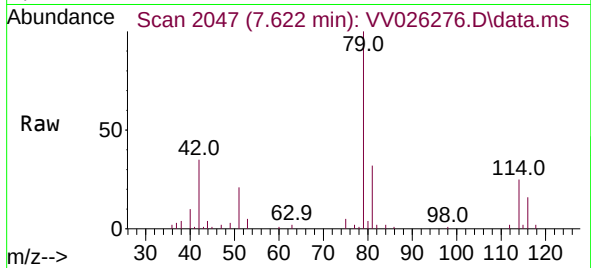




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.622 min Scan# 2057
Delta R.T. -0.032 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

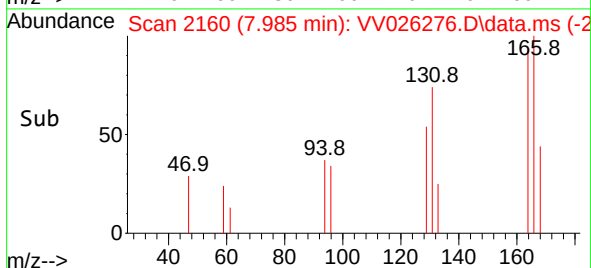
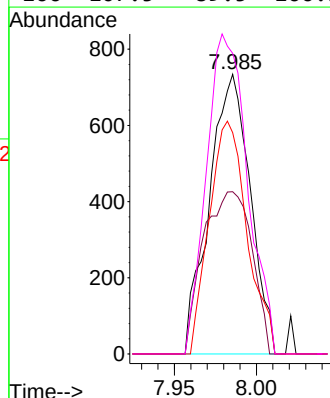
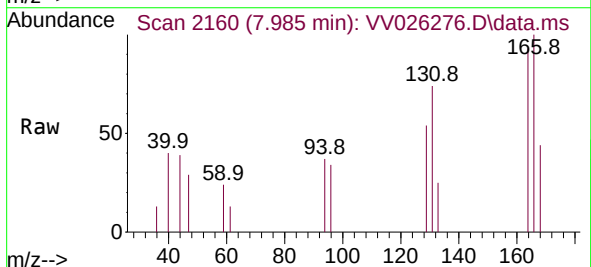
Instrument :
MSVOA_V
ClientSampleId :
BGJ75

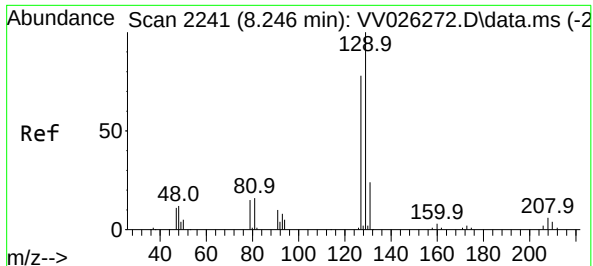
Tgt Ion: 75 Resp: 1013
Ion Ratio Lower Upper
75 100
77 37.3 23.7 43.9



#47
Tetrachloroethene
Concen: 0.132 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VV026276.D
Acq: 15 Jun 2022 14:33

Tgt Ion: 164 Resp: 1270
Ion Ratio Lower Upper
164 100
129 58.0 67.5 125.3#
131 79.2 63.8 118.4
166 107.5 89.5 166.3





#49

Dibromochloromethane

Concen: 0.097 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Instrument :

MSVOA_V

ClientSampleId :

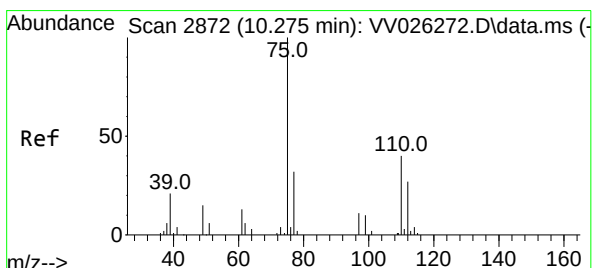
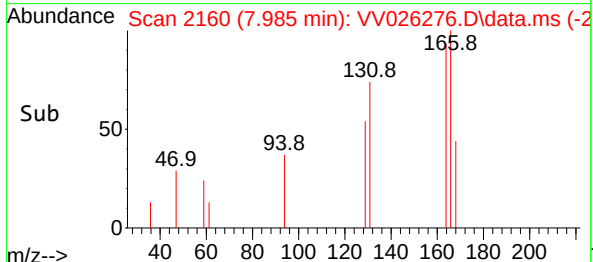
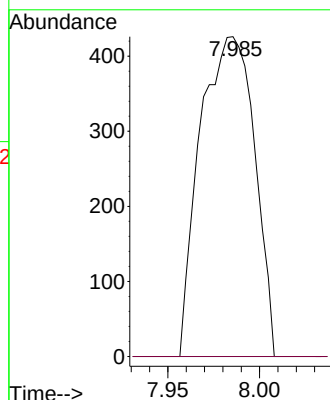
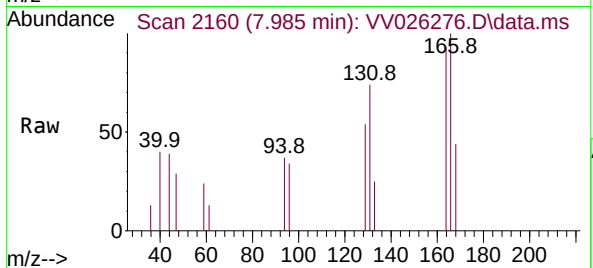
BGJ75

Tgt Ion:129 Resp: 879

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.845 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026276.D

Acq: 15 Jun 2022 14:33

Tgt Ion: 75 Resp: 9546

Ion Ratio Lower Upper

75 100

77 29.7 26.9 40.3

110 3.1 30.7 46.1#

