

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027675.D
 Acq On : 01 Sep 2022 18:34
 Operator : SY/MD
 Sample : N4366-07DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.596	114	151826	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.860	117	125457	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52608	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	61214	3.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.558	69	50926	3.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.149	63	5413	0.168	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.400%#
20) 2-Butanone-d5	3.956	46	137496	49.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	4.346	84	121980	3.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
26) 1,2-Dichloroethane-d4	5.021	65	66519	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.027	84	229379	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.063	67	73263	4.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.333	98	186471	4.190	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.641	79	22164	4.526	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.114	63	76091	41.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.640%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42919	4.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	56585	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.301	62	2464	0.131	ug/L #	49
6) Bromomethane	1.510	94	478	0.054	ug/L	76
12) 1,1-Dichloroethene	2.101	96	1030	0.081	ug/L #	1
13) Acetone	2.117	43	9133	4.840	ug/L	75
15) Methyl Acetate	2.484	43	67210	13.426	ug/L #	53
17) Methyl tert-butyl Ether	2.780	73	15658	0.578	ug/L #	73
18) trans-1,2-Dichloroethene	2.751	96	72580	5.053	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	52581	3.668	ug/L #	96
30) Cyclohexane	4.657	56	1710	0.093	ug/L #	71
33) Benzene	5.075	78	4716	0.096	ug/L	100
34) Trichloroethene	5.895	95	19311	1.605	ug/L	97
35) Methylcyclohexane	6.066	83	20067	1.075	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8840	0.715	ug/L #	89
44) trans-1,3-Dichloropropene	7.635	75	1132	0.092	ug/L	97
47) Tetrachloroethene	7.988	164	1022	0.105	ug/L	77
61) 1,2,3-Trichloropropane	11.246	75	6132	1.152	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	543	0.050	ug/L	100

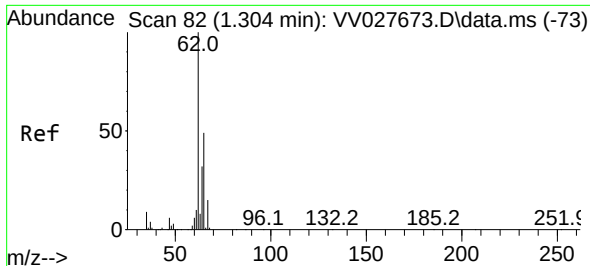
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027675.D
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QLast Update : Fri Sep 02 00:17:48 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

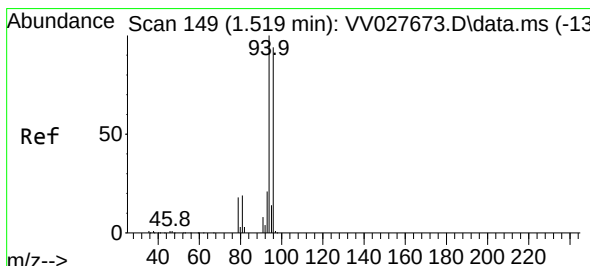
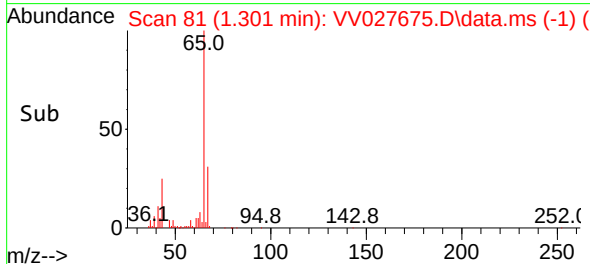
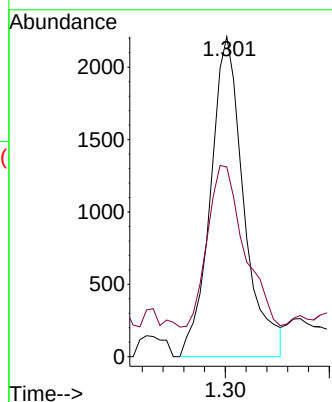
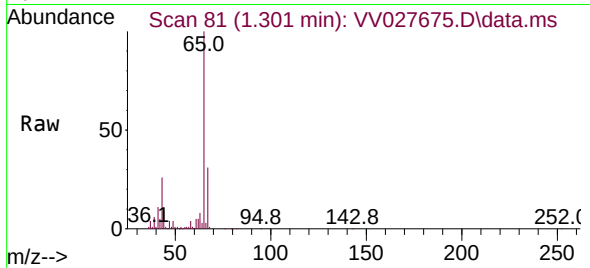
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#5
 Vinyl chloride
 Concen: 0.131 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027675.D
 Acq: 01 Sep 2022 18:34

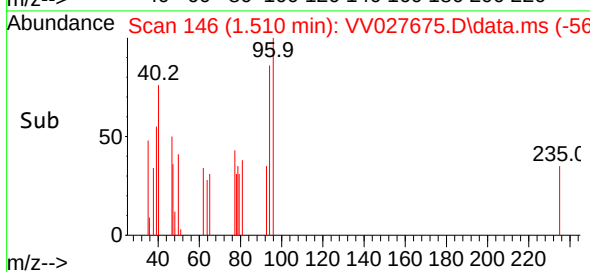
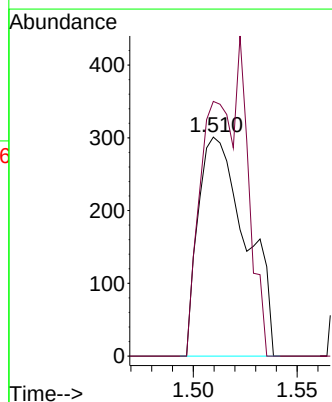
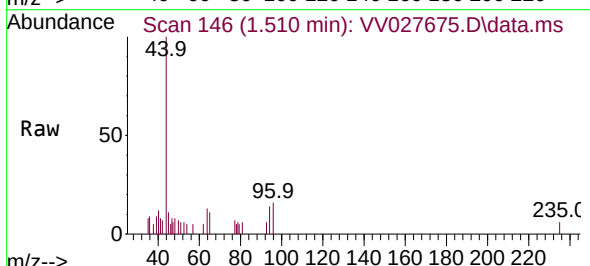
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 ClientSampleId :

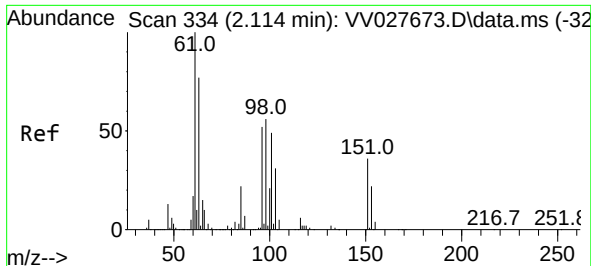
Tgt Ion: 62 Resp: 2464
 Ion Ratio Lower Upper
 62 100
 64 59.3 21.8 40.4#



#6
 Bromomethane
 Concen: 0.054 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: VV027675.D
 Acq: 01 Sep 2022 18:34

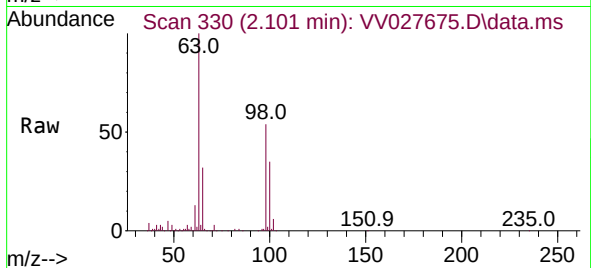
Tgt Ion: 94 Resp: 478
 Ion Ratio Lower Upper
 94 100
 96 116.3 65.1 120.9



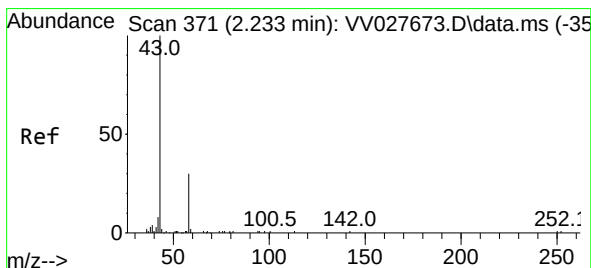
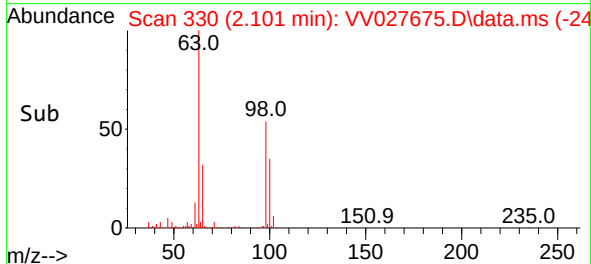
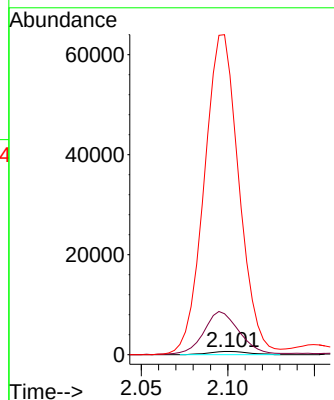


#12
1,1-Dichloroethene
Concen: 0.081 ug/L
RT: 2.101 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Instrument :
MSVOA_V
ClientSampleId :

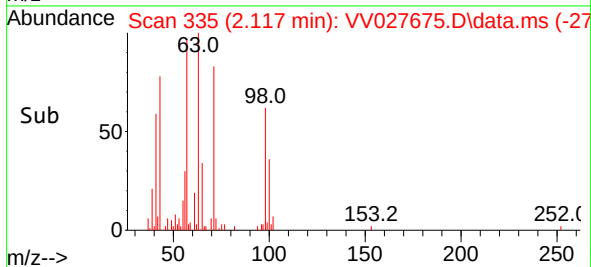
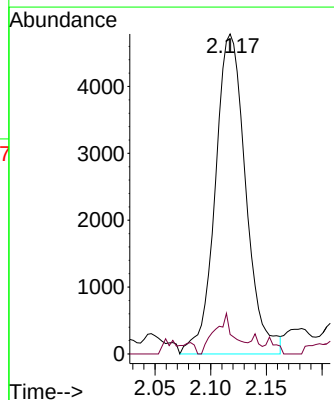
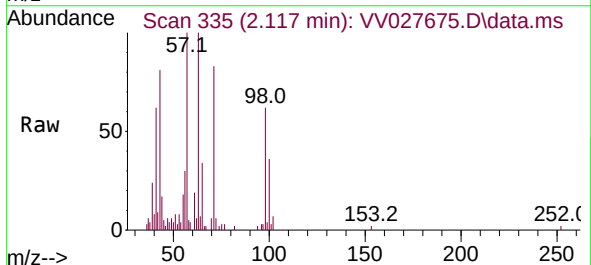


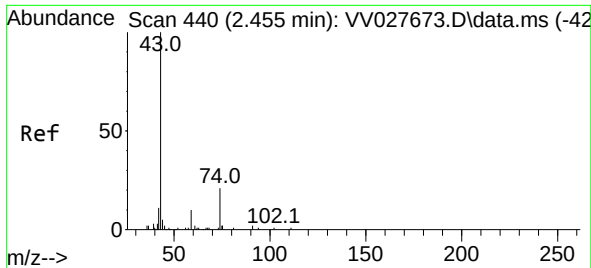
Tgt Ion: 96 Resp: 1030
Ion Ratio Lower Upper
96 100
61 1099.2 134.3 249.3#
63 8735.0 105.7 196.3#



#13
Acetone
Concen: 4.840 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.116 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Tgt Ion: 43 Resp: 9133
Ion Ratio Lower Upper
43 100
58 8.0 0.0 38.4

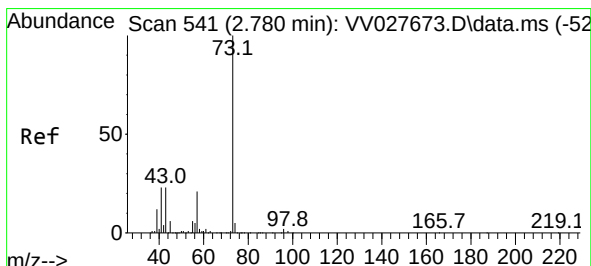
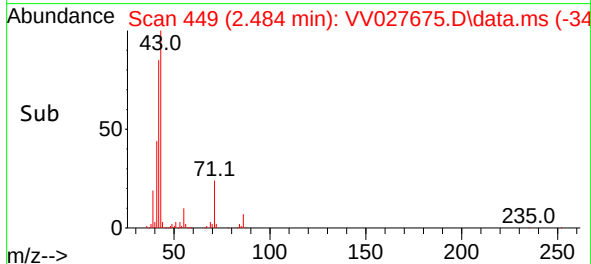
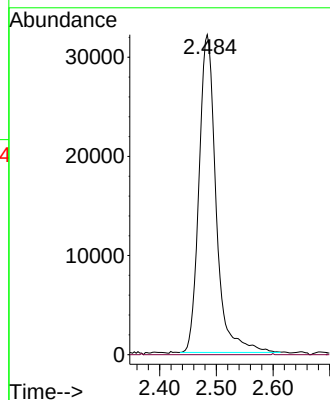
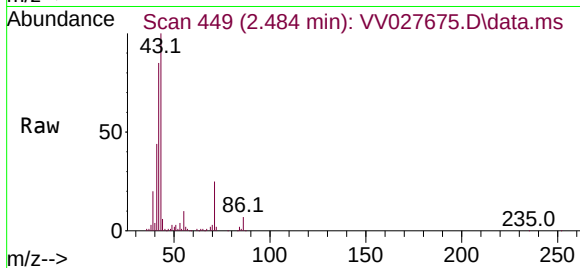




#15
Methyl Acetate
Concen: 13.426 ug/L
RT: 2.484 min Scan# 449
Delta R.T. 0.029 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

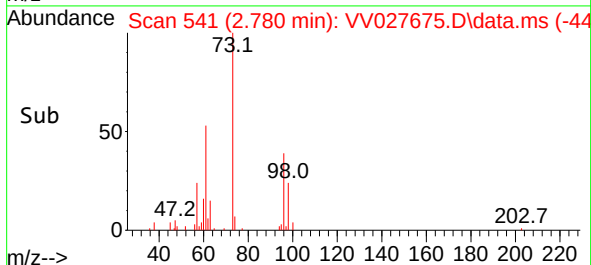
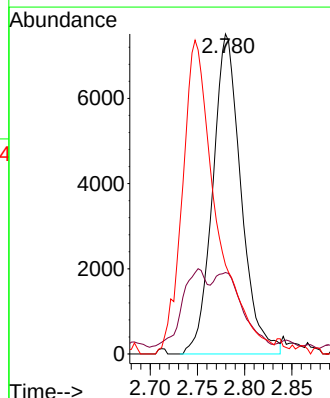
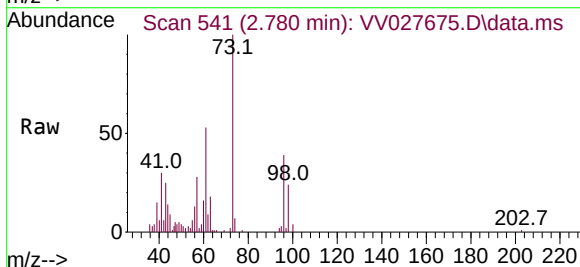
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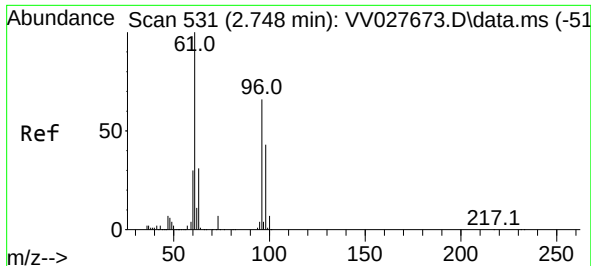
Tgt Ion: 43 Resp: 67210
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 0.578 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Tgt Ion: 73 Resp: 15658
Ion Ratio Lower Upper
73 100
43 22.4 16.5 24.7
57 0.0 18.2 27.2#

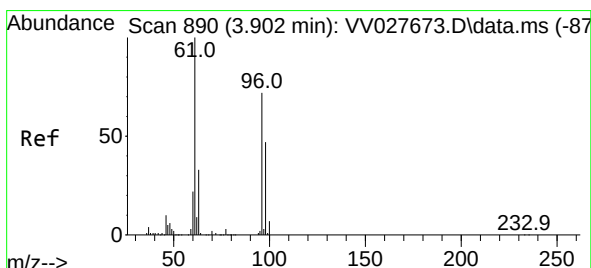
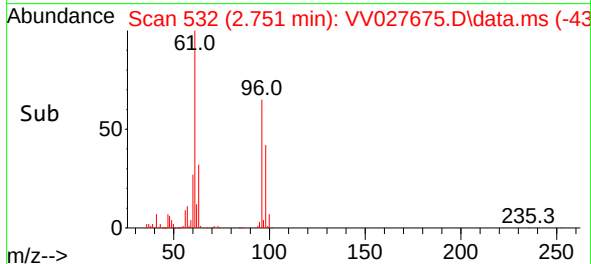
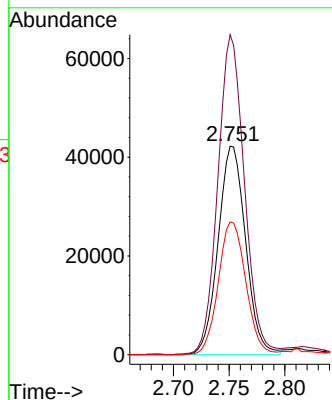
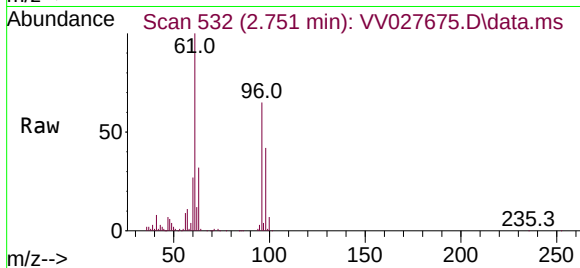




#18
trans-1,2-Dichloroethene
Concen: 5.053 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

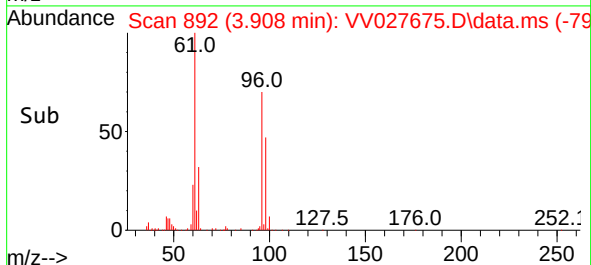
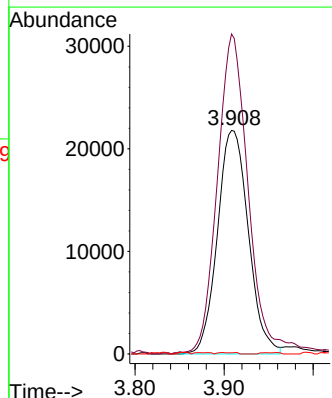
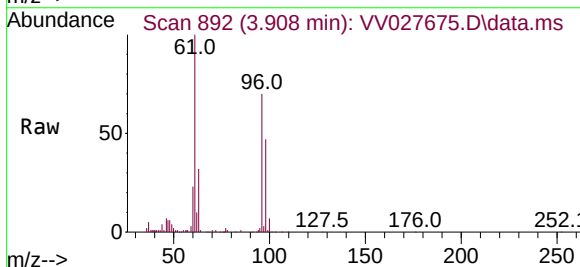
Instrument :
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ClientSampleId :

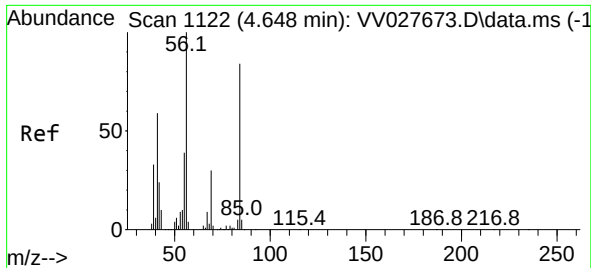
Tgt Ion: 96 Resp: 72580
Ion Ratio Lower Upper
96 100
61 153.5 101.8 189.0
98 63.7 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 3.668 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.006 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Tgt Ion: 96 Resp: 52581
Ion Ratio Lower Upper
96 100
61 143.2 96.9 180.1
68 0.5 0.0 0.0#

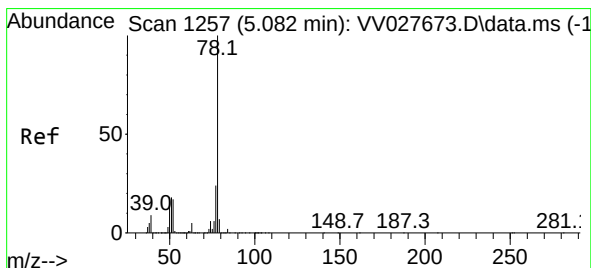
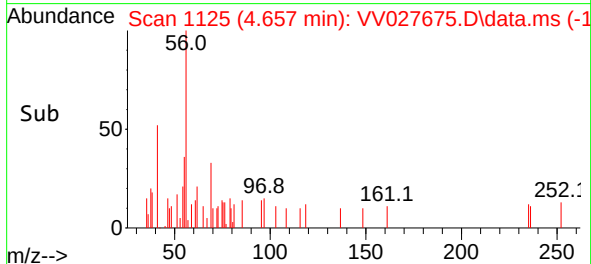
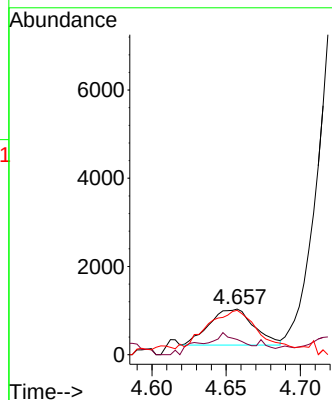
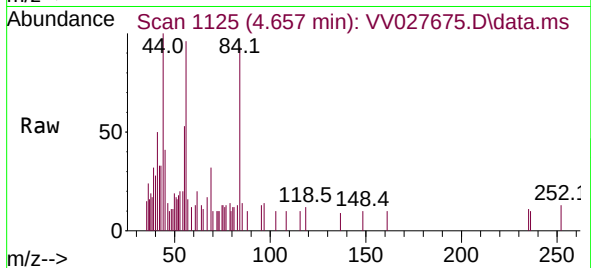




#30
Cyclohexane
Concen: 0.093 ug/L
RT: 4.657 min Scan# 1125
Delta R.T. 0.009 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

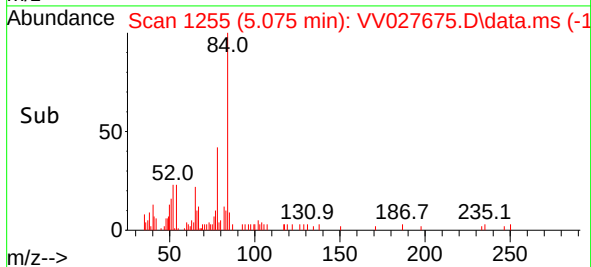
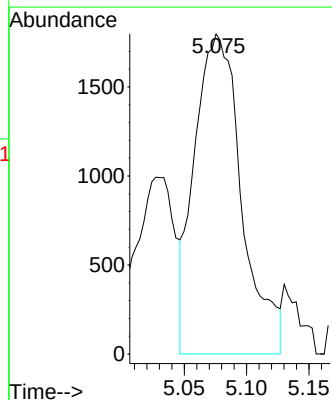
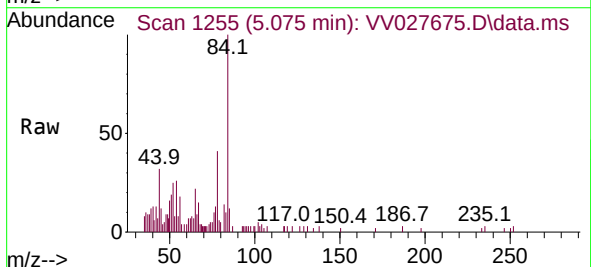
Instrument :
MSVOA_V
ClientSampleId :

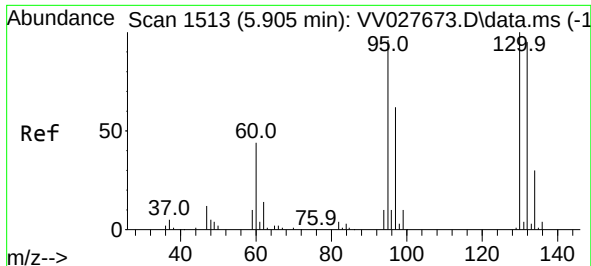
Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 23.6 24.1 36.1#
84 115.8 66.9 100.3#



#33
Benzene
Concen: 0.096 ug/L
RT: 5.075 min Scan# 1255
Delta R.T. -0.007 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Tgt Ion: 78 Resp: 4716

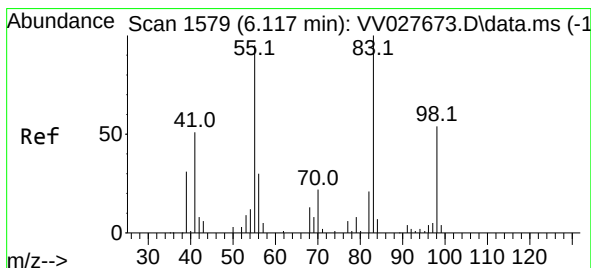
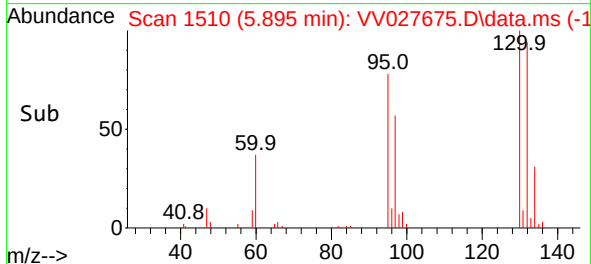
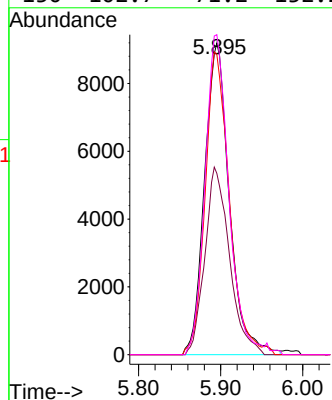
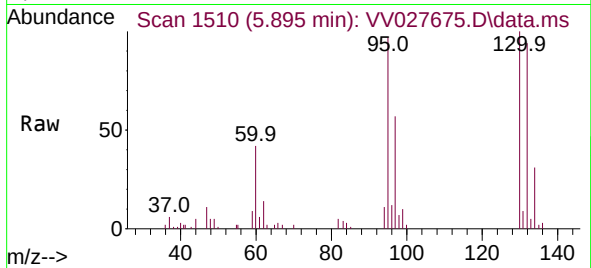




#34
Trichloroethene
Concen: 1.605 ug/L
RT: 5.895 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

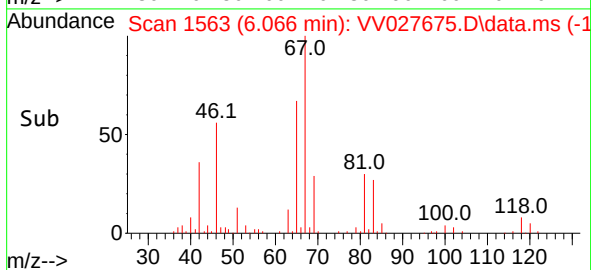
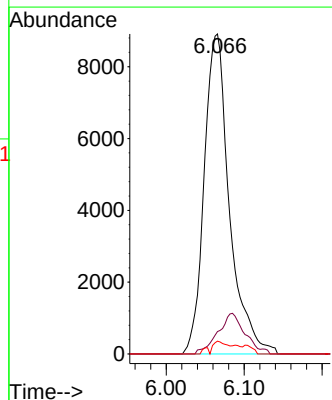
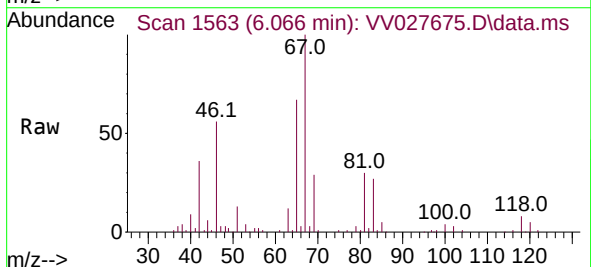
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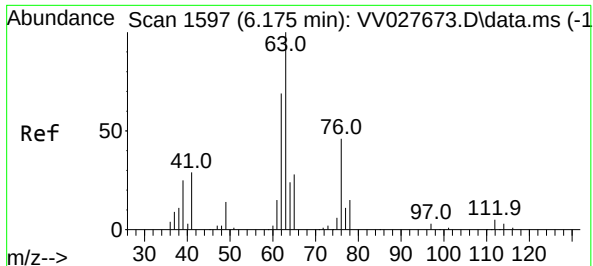
Tgt Ion: 95	Resp: 19311
Ion Ratio	Lower Upper
95 100	
97 58.2	46.1 85.5
132 96.4	67.3 125.1
130 102.7	71.2 132.2



#35
Methylcyclohexane
Concen: 1.075 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.052 min
Lab File: VV027675.D
Acq: 01 Sep 2022 18:34

Tgt Ion: 83	Resp: 20067
Ion Ratio	Lower Upper
83 100	
55 0.0	66.0 99.0#
98 2.2	36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.715 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.113 min

Lab File: VV027675.D

Acq: 01 Sep 2022 18:34

Instrument :

MSVOA_V

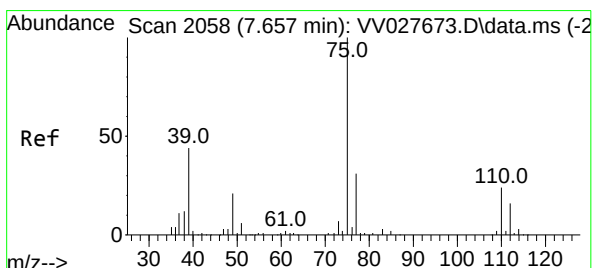
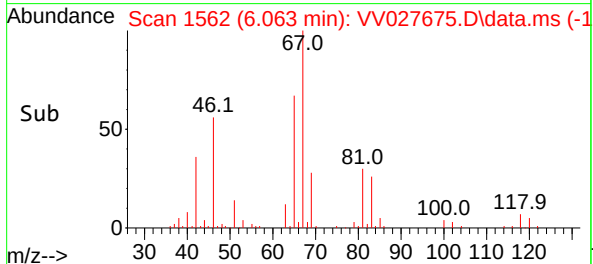
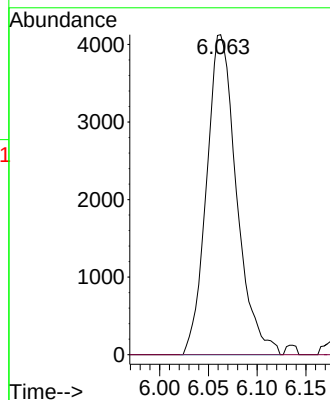
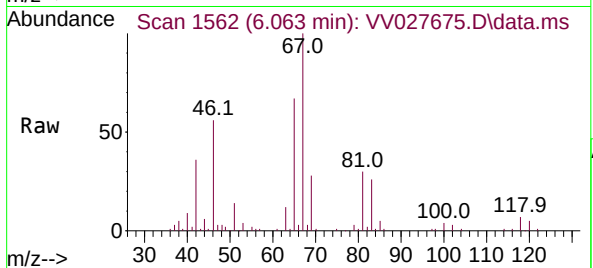
ClientSampleId :

Tgt Ion: 63 Resp: 8840

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.635 min Scan# 2051

Delta R.T. -0.023 min

Lab File: VV027675.D

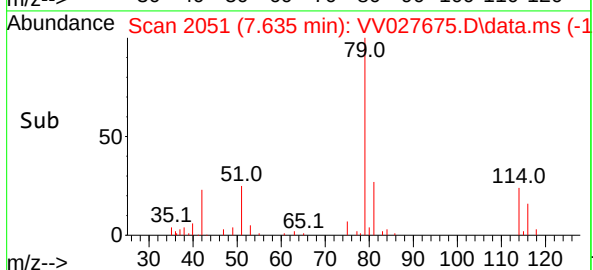
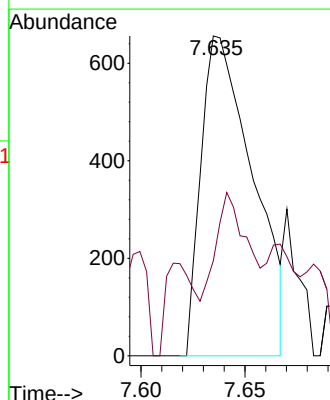
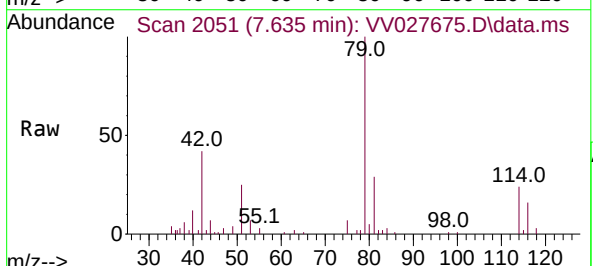
Acq: 01 Sep 2022 18:34

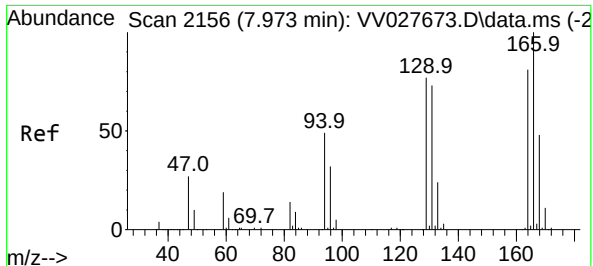
Tgt Ion: 75 Resp: 1132

Ion Ratio Lower Upper

75 100

77 29.7 22.0 41.0





#47

Tetrachloroethene

Concen: 0.105 ug/L

RT: 7.988 min Scan# 2156

Delta R.T. 0.016 min

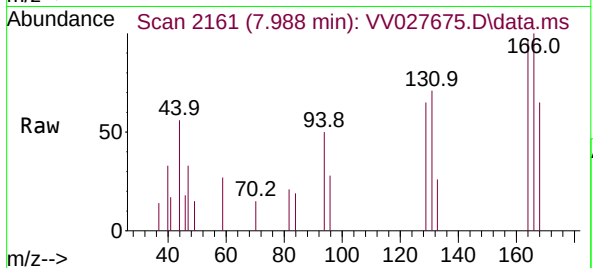
Lab File: VV027675.D

Acq: 01 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1022

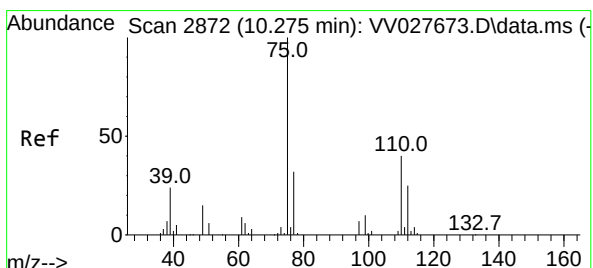
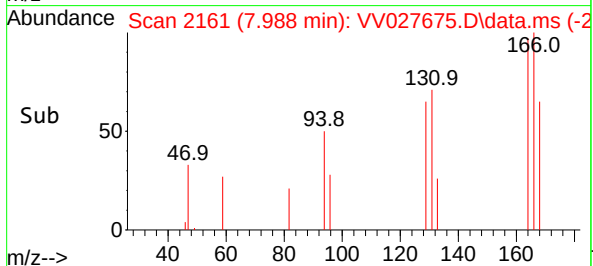
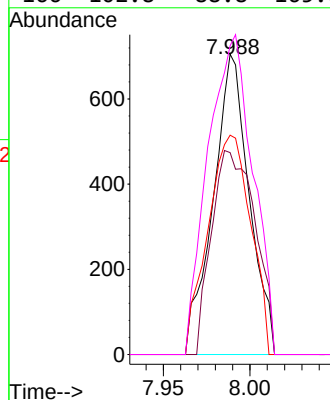
Ion Ratio Lower Upper

164 100

129 67.2 65.9 122.3

131 73.0 64.5 119.7

166 102.8 88.8 165.0



#61

1,2,3-Trichloropropane

Concen: 1.152 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027675.D

Acq: 01 Sep 2022 18:34

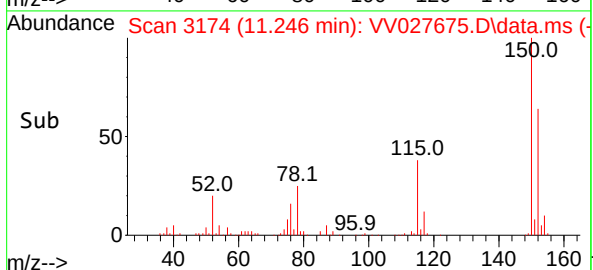
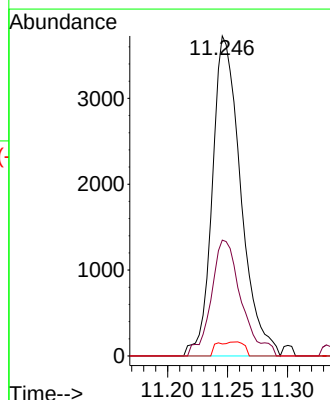
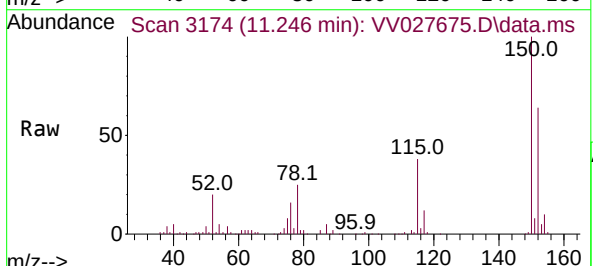
Tgt Ion: 75 Resp: 6132

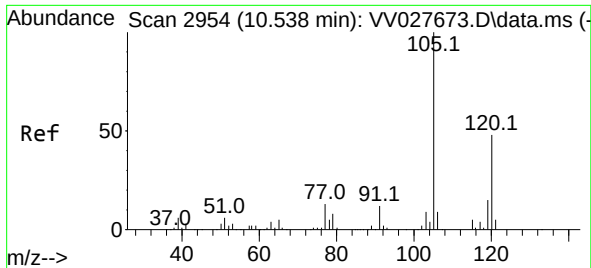
Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.6

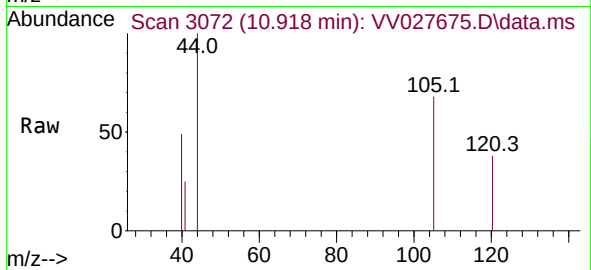
110 1.4 29.8 44.8#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.050 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.379 min
 Lab File: VV027675.D
 Acq: 01 Sep 2022 18:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 543
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.4 60.6

