

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024595.D
 Acq On : 11 Feb 2022 11:25
 Operator : SY/MD
 Sample : N1476-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 13:01:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 04:51:03 2022
 Response via : Initial Calibration

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

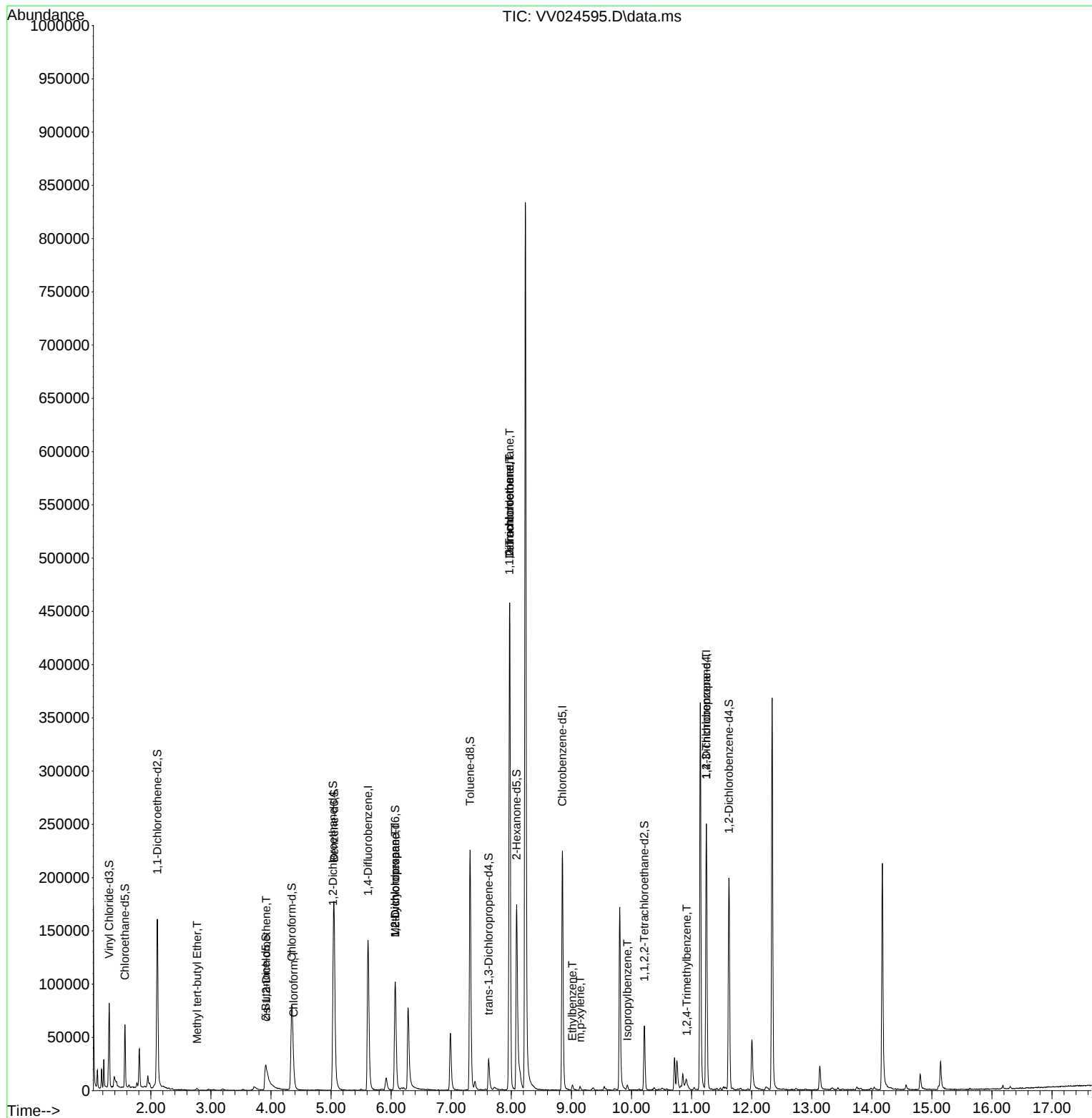
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120829	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	58644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40811	4.029	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.568	69	37325	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	67998	3.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.911	46	71285	42.397	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.800%
24) Chloroform-d	4.346	84	82406	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.034	65	38551	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.050	84	163458	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	49919	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.313	98	148193	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.622	79	17848	4.183	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.088	63	68032	45.261	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	28873	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	46596	4.929	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.770	73	1108	0.043	ug/L #	86
22) cis-1,2-Dichloroethene	3.918	96	634	0.051	ug/L	94
25) Chloroform	4.378	83	10271	0.462	ug/L	97
35) Methylcyclohexane	6.069	83	12258	0.576	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	5651	0.499	ug/L #	84
45) 1,1,2-Trichloroethane	7.969	97	967	0.132	ug/L #	1
47) Tetrachloroethene	7.972	164	91853	10.761	ug/L	92
49) Dibromochloromethane	7.972	129	91390	10.312	ug/L #	11
52) Ethylbenzene	9.017	91	4126	0.073	ug/L	93
53) m,p-xylene	9.146	106	1234	0.058	ug/L	76
60) Isopropylbenzene	9.931	105	2774	0.052	ug/L	95
61) 1,2,3-Trichloropropane	11.246	75	8704	1.506	ug/L #	63
63) 1,2,4-Trimethylbenzene	10.918	105	3657	0.081	ug/L #	83

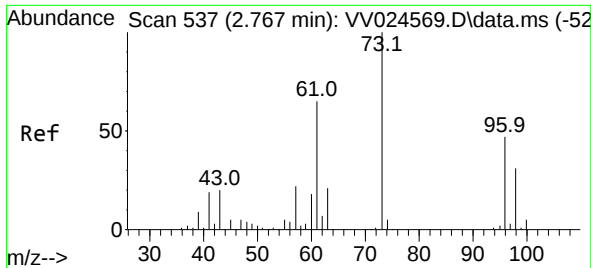
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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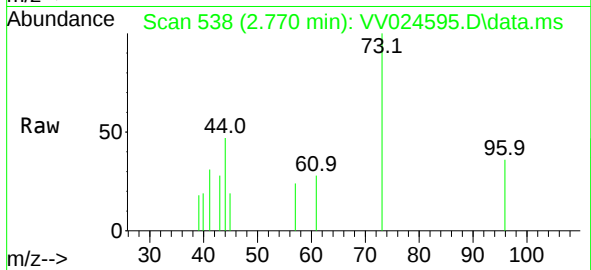
Quant Time: Feb 11 13:01:56 2022
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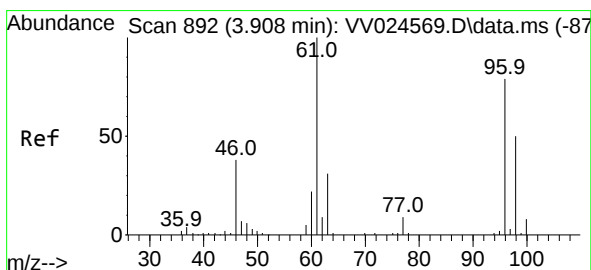
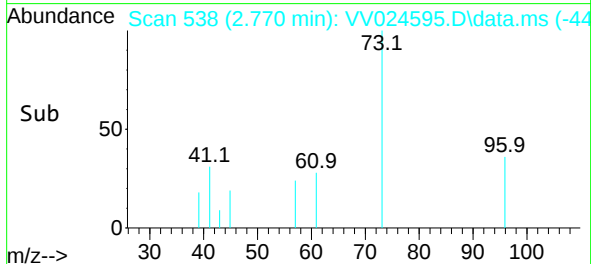
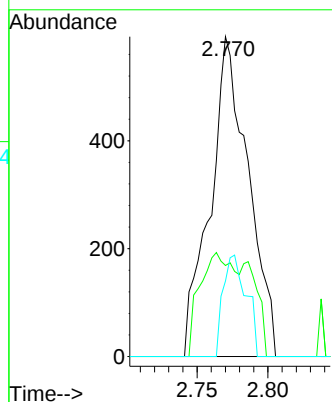


#17
Methyl tert-butyl Ether
Concen: 0.043 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

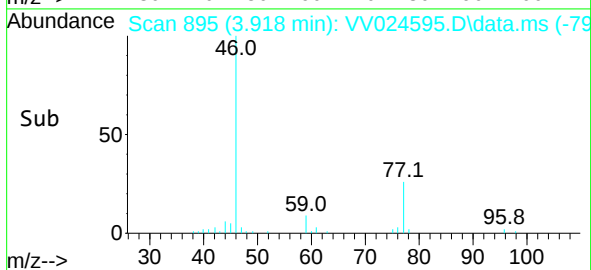
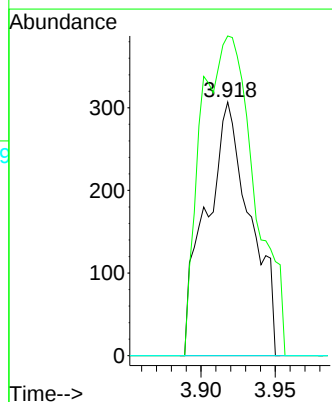
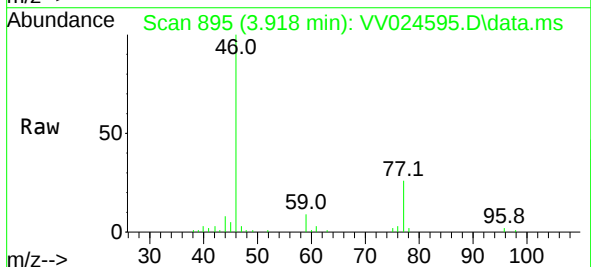


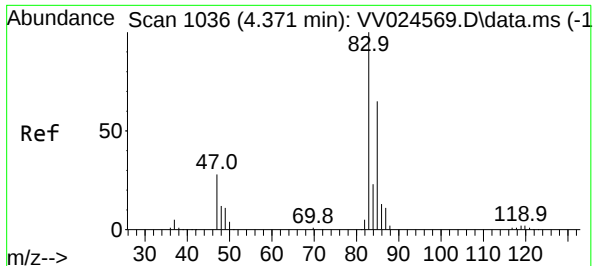
Tgt Ion: 73 Resp: 1108
Ion Ratio Lower Upper
73 100
43 30.4 15.5 23.3#
57 19.2 17.1 25.7



#22
cis-1,2-Dichloroethene
Concen: 0.051 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.009 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25

Tgt Ion: 96 Resp: 634
Ion Ratio Lower Upper
96 100
61 126.1 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.462 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV024595.D

Acq: 11 Feb 2022 11:25

Instrument :

MSVOA_V

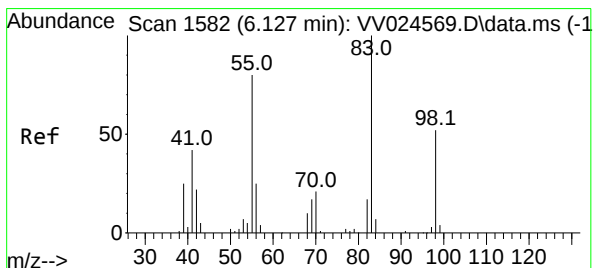
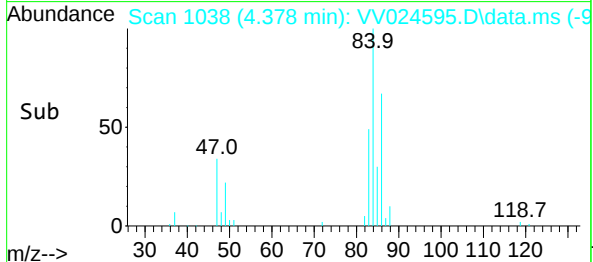
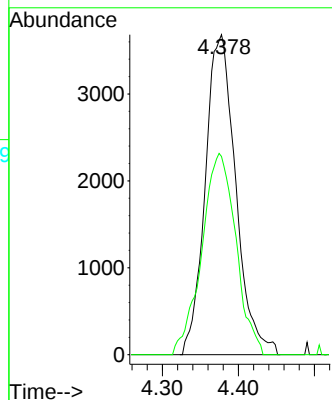
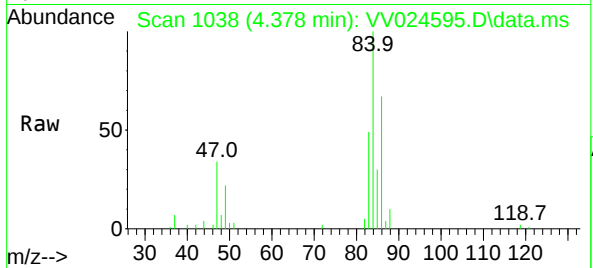
ClientSampleId :

Tgt Ion: 83 Resp: 10271

Ion Ratio Lower Upper

83 100

85 62.0 45.2 84.0



#35

Methylcyclohexane

Concen: 0.576 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024595.D

Acq: 11 Feb 2022 11:25

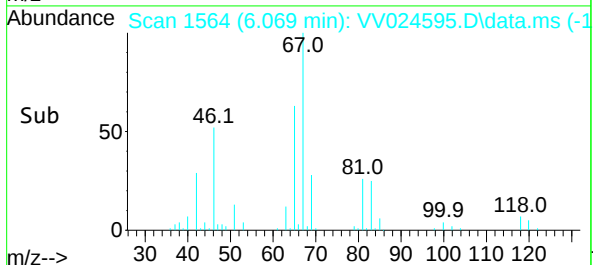
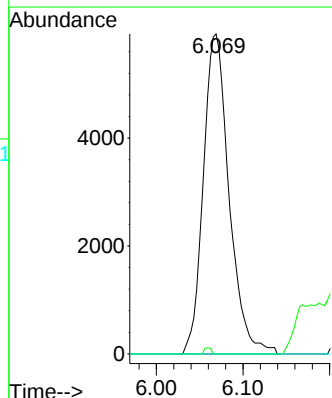
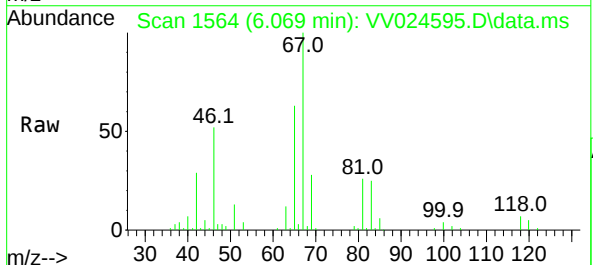
Tgt Ion: 83 Resp: 12258

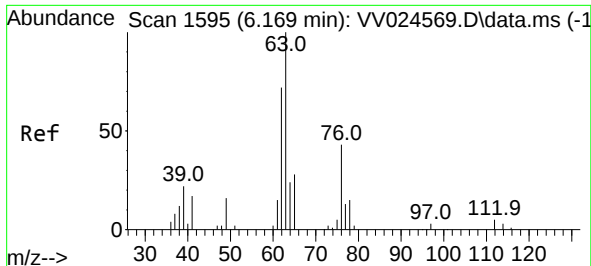
Ion Ratio Lower Upper

83 100

55 7.0 60.2 90.2#

98 1.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.499 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024595.D

Acq: 11 Feb 2022 11:25

Instrument :

MSVOA_V

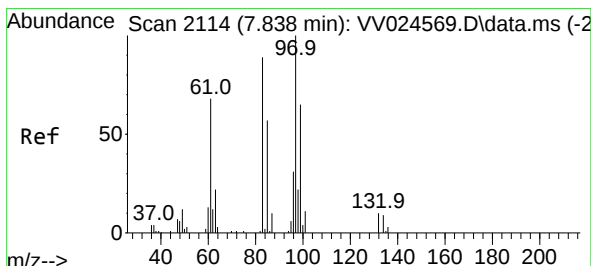
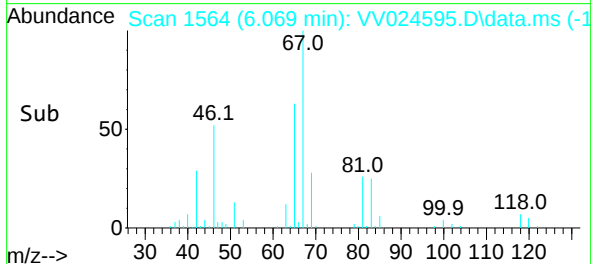
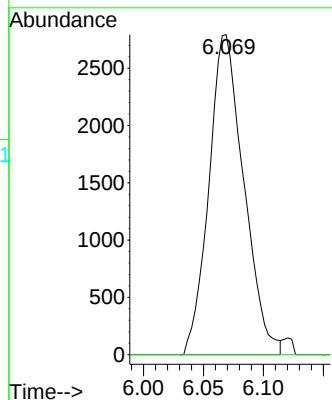
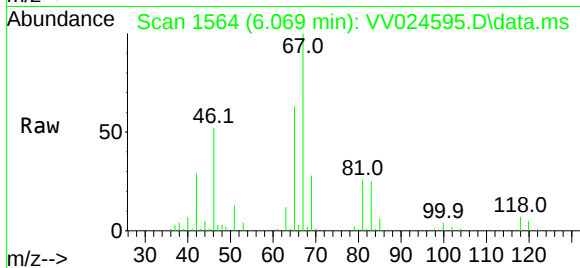
ClientSampleId :

Tgt Ion: 63 Resp: 5651

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#45

1,1,2-Trichloroethane

Concen: 0.132 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.132 min

Lab File: VV024595.D

Acq: 11 Feb 2022 11:25

Tgt Ion: 97 Resp: 967

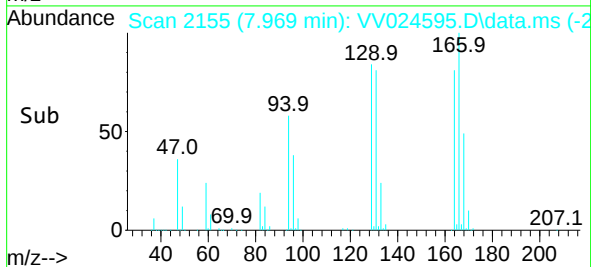
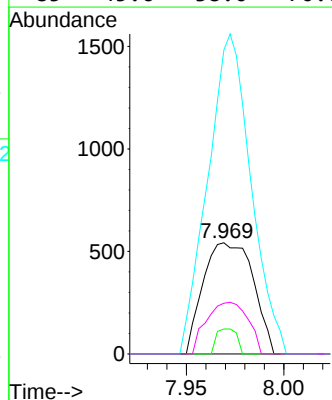
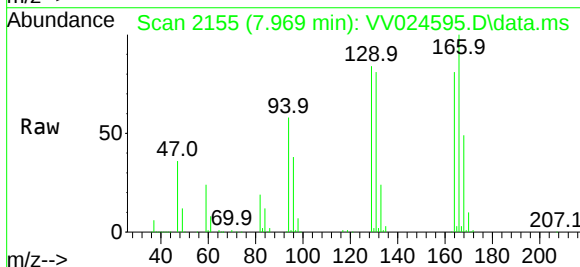
Ion Ratio Lower Upper

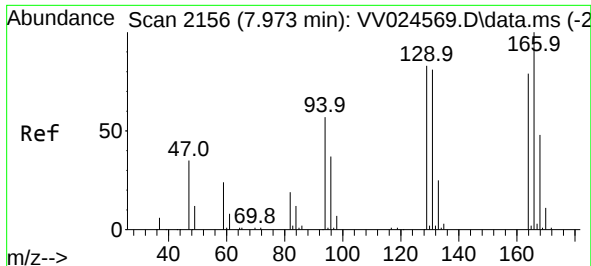
97 100

99 22.5 43.1 80.1#

83 273.6 57.9 107.5#

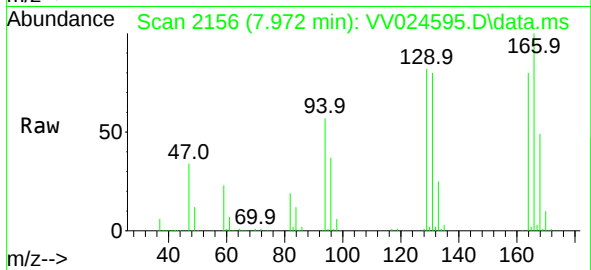
85 45.6 38.0 70.6



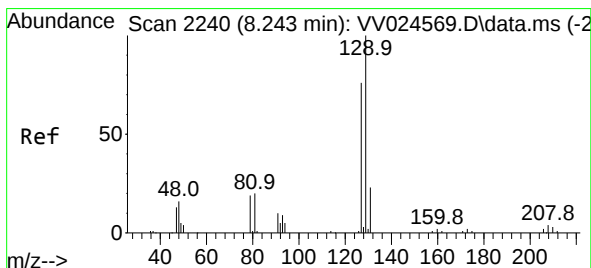
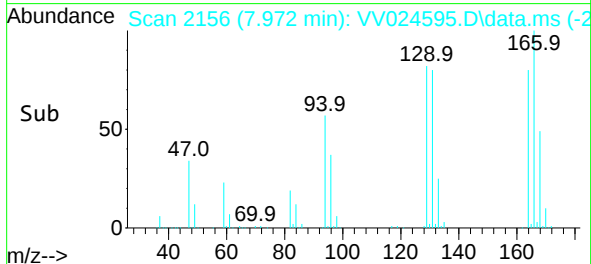
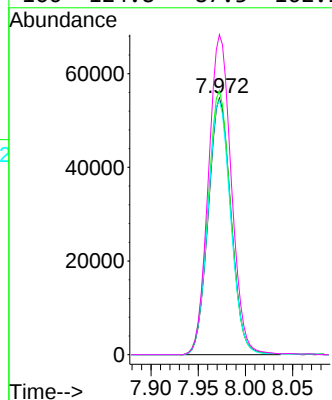


#47
Tetrachloroethene
Concen: 10.761 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :

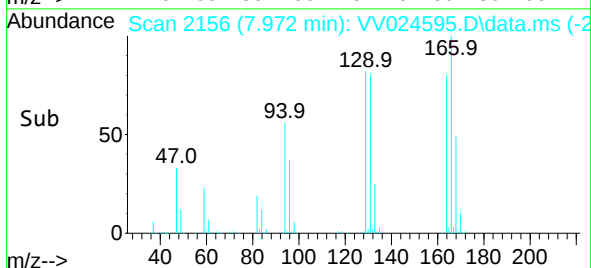
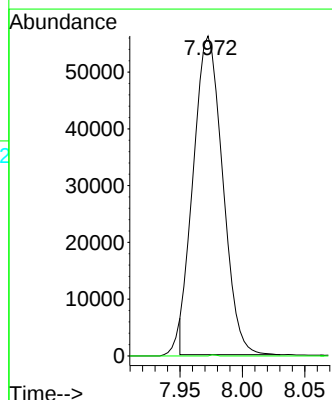
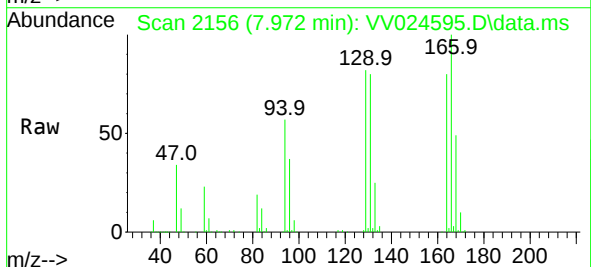


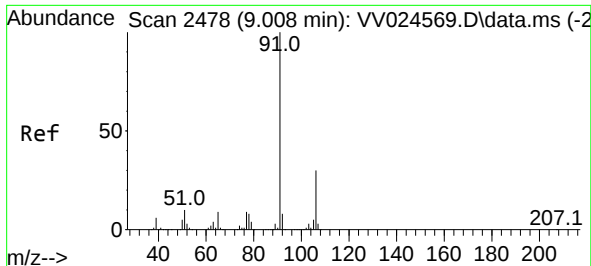
Tgt Ion:164 Resp: 91853
Ion Ratio Lower Upper
164 100
129 102.9 62.6 116.2
131 99.3 61.0 113.4
166 124.8 87.3 162.1



#49
Dibromochloromethane
Concen: 10.312 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.270 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25

Tgt Ion:129 Resp: 91390
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#





#52

Ethylbenzene

Concen: 0.073 ug/L

RT: 9.017 min Scan# 2478

Delta R.T. 0.009 min

Lab File: VV024595.D

Acq: 11 Feb 2022 11:25

Instrument :

MSVOA_V

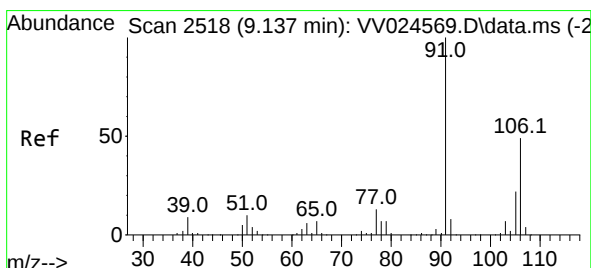
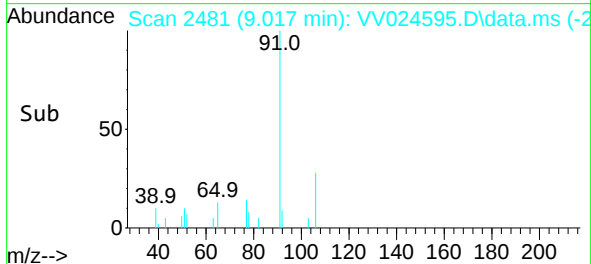
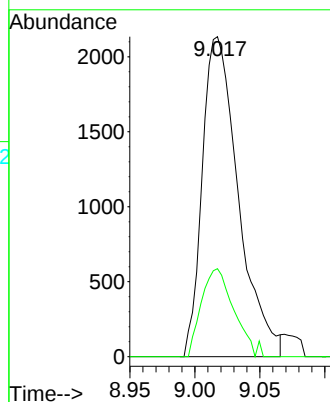
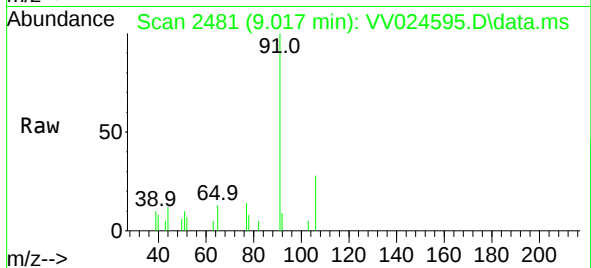
ClientSampleId :

Tgt Ion: 91 Resp: 4126

Ion Ratio Lower Upper

91 100

106 27.5 22.0 41.0



#53

m,p-xylene

Concen: 0.058 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.009 min

Lab File: VV024595.D

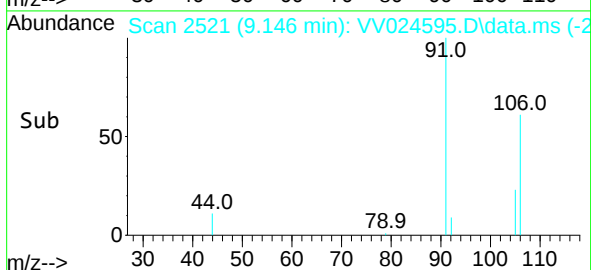
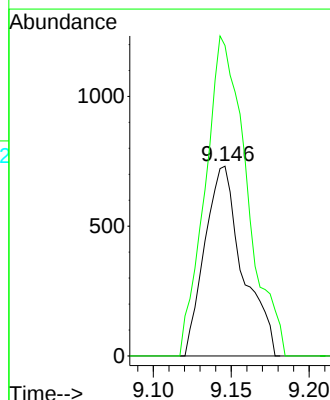
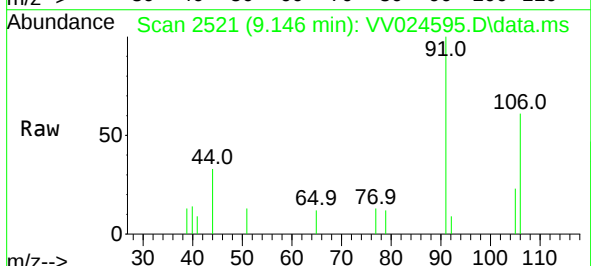
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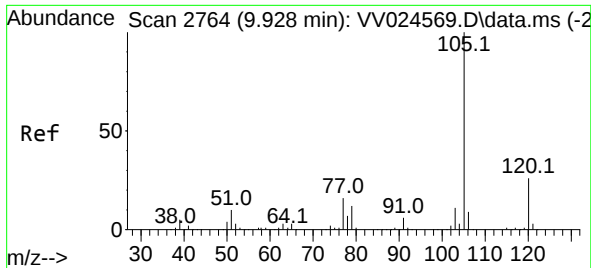
Tgt Ion: 106 Resp: 1234

Ion Ratio Lower Upper

106 100

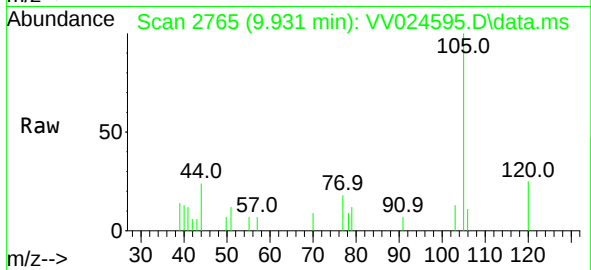
91 163.6 139.5 259.1



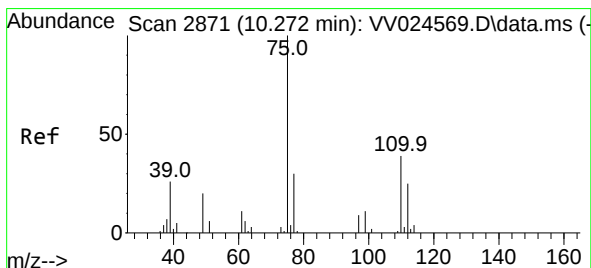
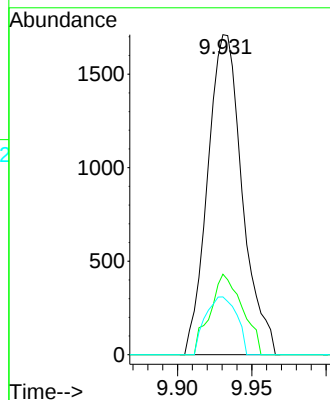
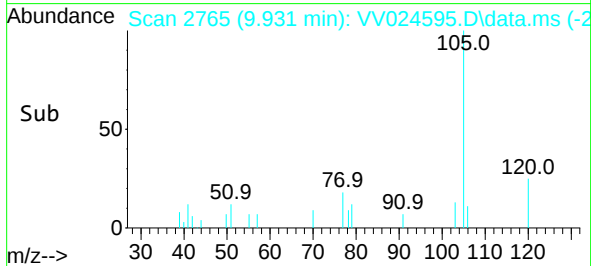


#60
Isopropylbenzene
Concen: 0.052 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25

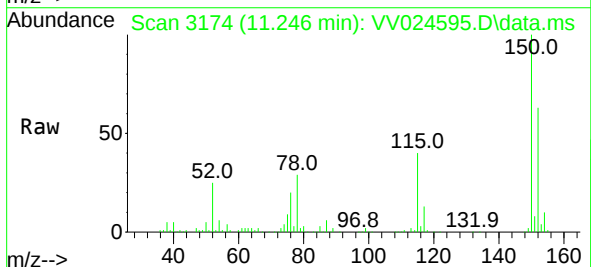
Instrument :
MSVOA_V
ClientSampleId :



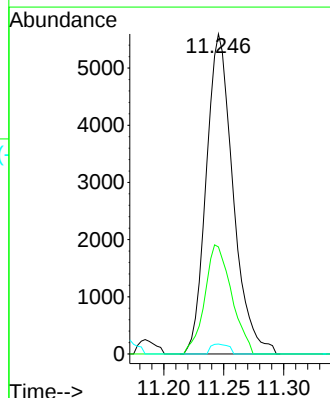
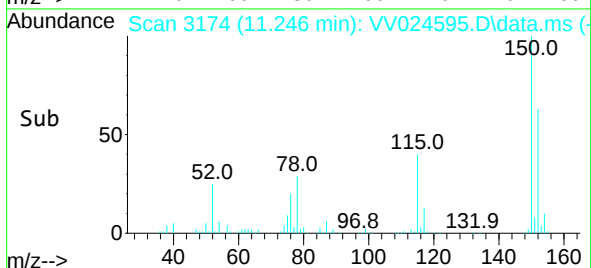
Tgt Ion:105 Resp: 2774
Ion Ratio Lower Upper
105 100
120 23.5 21.4 32.0
77 16.3 12.2 18.4

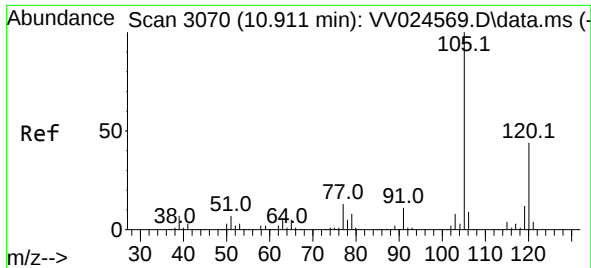


#61
1,2,3-Trichloropropane
Concen: 1.506 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024595.D
Acq: 11 Feb 2022 11:25



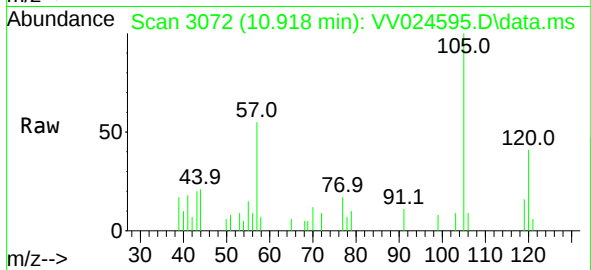
Tgt Ion: 75 Resp: 8704
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 2.0 34.2 51.2#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.081 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV024595.D
 Acq: 11 Feb 2022 11:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 3657
 Ion Ratio Lower Upper
 105 100
 120 34.5 36.7 55.1#

