

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024574.D
 Acq On : 10 Feb 2022 17:39
 Operator : SY/MD
 Sample : N1476-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:56:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

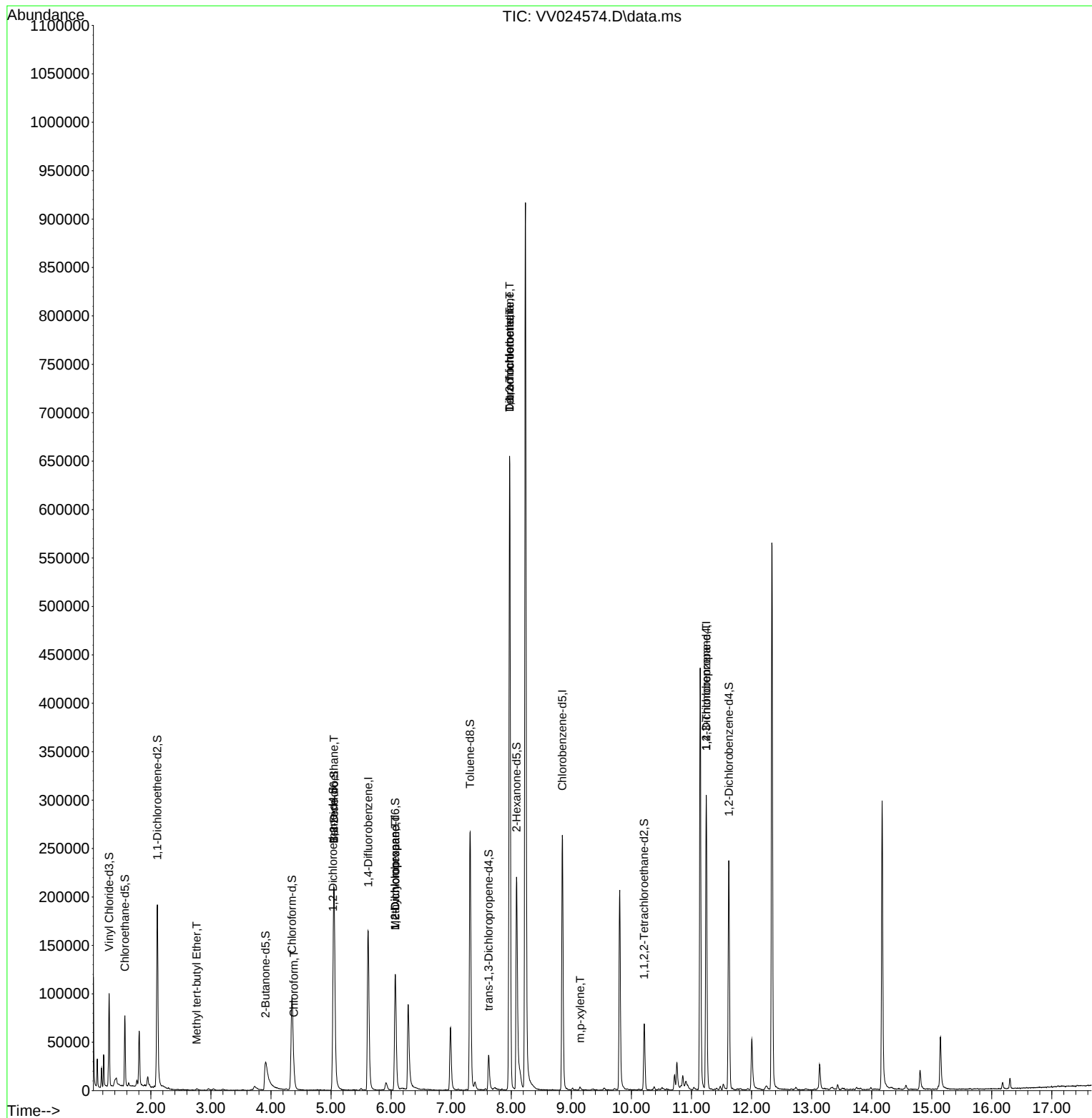
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	141664	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49682	4.184	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.568	69	44792	4.462	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.108	63	80305	3.092	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.800%	
20) 2-Butanone-d5	3.908	46	86845	44.055	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.100%	
24) Chloroform-d	4.349	84	96704	4.627	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.034	65	45320	4.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.050	84	190965	4.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.069	67	58666	4.764	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.313	98	177151	4.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	7.625	79	22809	4.587	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.088	63	86717	49.495	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.000%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34065	4.646	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53793	4.676	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.764	73	1021	0.034	ug/L #	80
25) Chloroform	4.381	83	10352	0.397	ug/L	91
27) 1,2-Dichloroethane	5.047	62	785	0.055	ug/L #	73
35) Methylcyclohexane	6.069	83	14011	0.565	ug/L #	28
37) 1,2-Dichloropropane	6.069	63	6635	0.503	ug/L #	84
45) 1,1,2-Trichloroethane	7.973	97	1398	0.163	ug/L #	1
47) Tetrachloroethene	7.973	164	129388	13.005	ug/L	91
49) Dibromochloromethane	7.973	129	128649	12.454	ug/L #	11
53) m,p-xylene	9.146	106	1108	0.044	ug/L	88
61) 1,2,3-Trichloropropane	11.246	75	10296	1.463	ug/L #	64

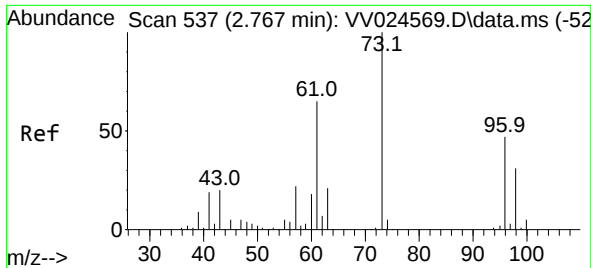
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021022\
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MSVOA_V
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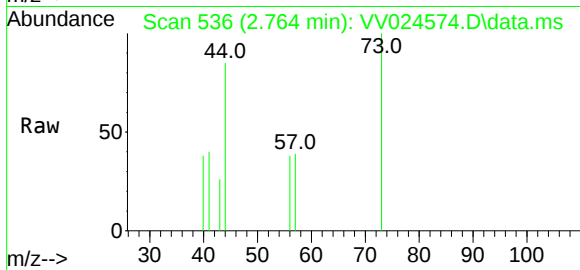
Quant Time: Feb 11 23:56:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
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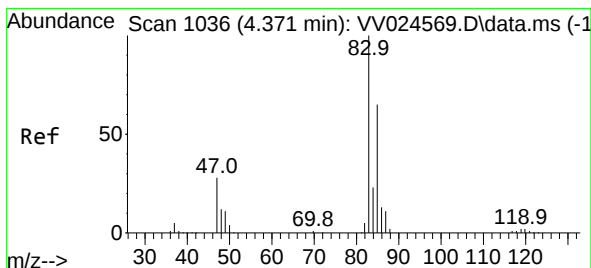
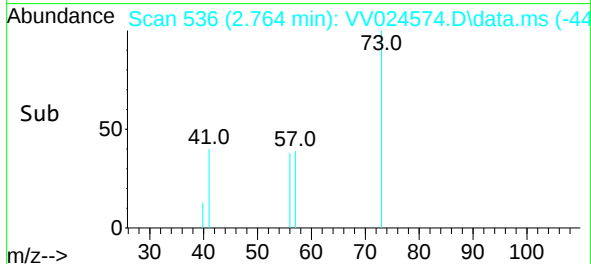
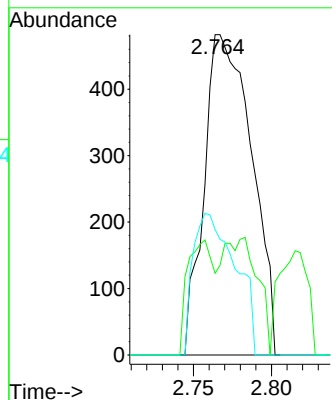


#17
Methyl tert-butyl Ether
Concen: 0.034 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024574.D
Acq: 10 Feb 2022 17:39

Instrument :
MSVOA_V
ClientSampleId :

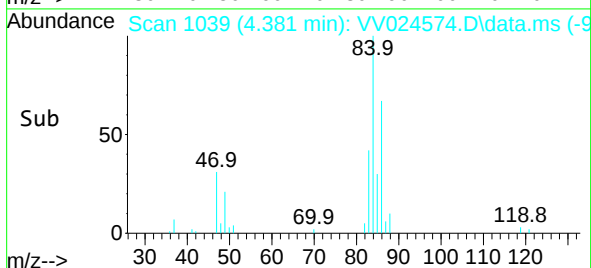
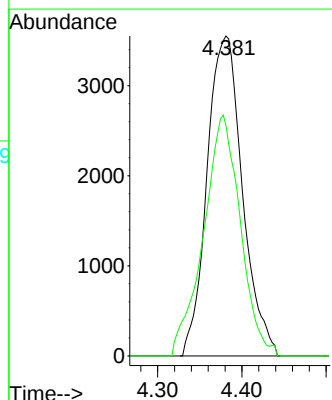
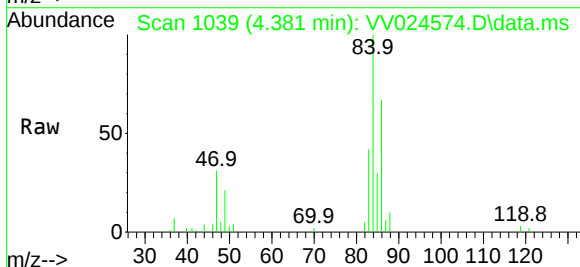


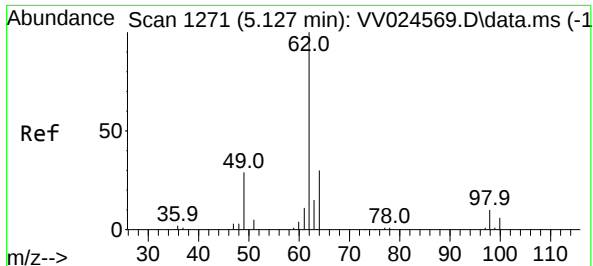
Tgt Ion: 73 Resp: 1021
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3
57 39.4 17.1 25.7#



#25
Chloroform
Concen: 0.397 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV024574.D
Acq: 10 Feb 2022 17:39

Tgt Ion: 83 Resp: 10352
Ion Ratio Lower Upper
83 100
85 72.0 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.055 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024574.D

Acq: 10 Feb 2022 17:39

Instrument :

MSVOA_V

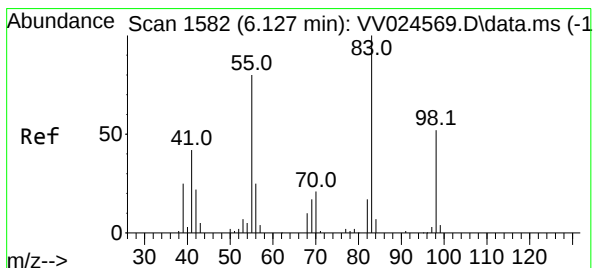
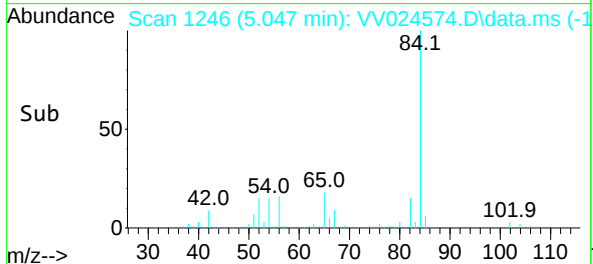
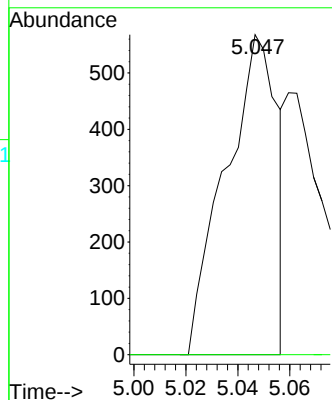
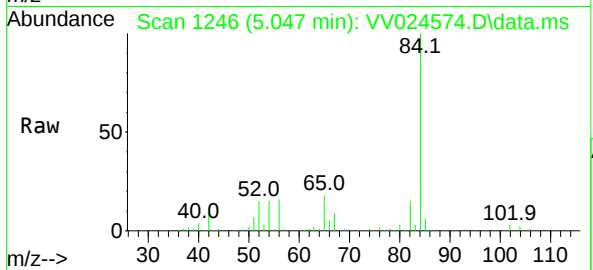
ClientSampleId :

Tgt Ion: 62 Resp: 785

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.565 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024574.D

Acq: 10 Feb 2022 17:39

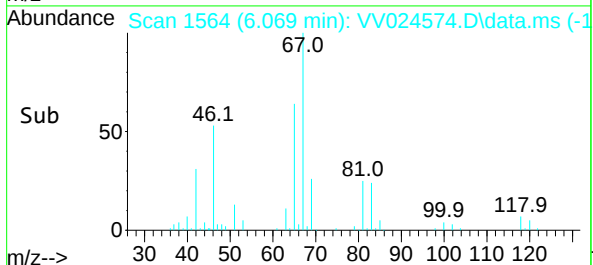
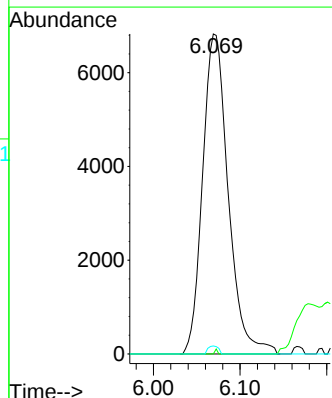
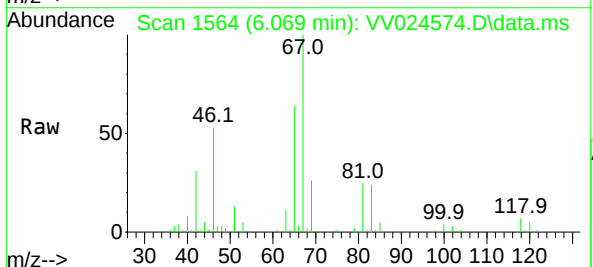
Tgt Ion: 83 Resp: 14011

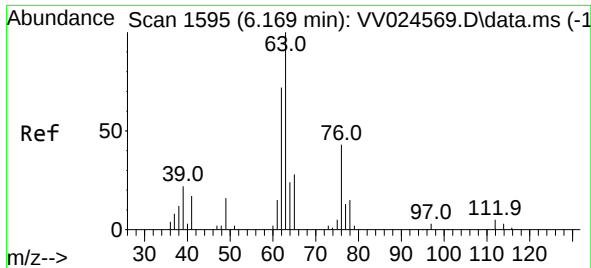
Ion Ratio Lower Upper

83 100

55 14.0 60.2 90.2#

98 1.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024574.D

Acq: 10 Feb 2022 17:39

Instrument :

MSVOA_V

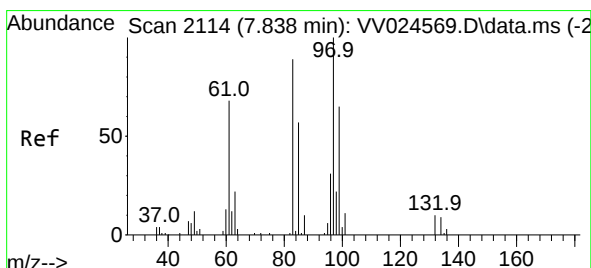
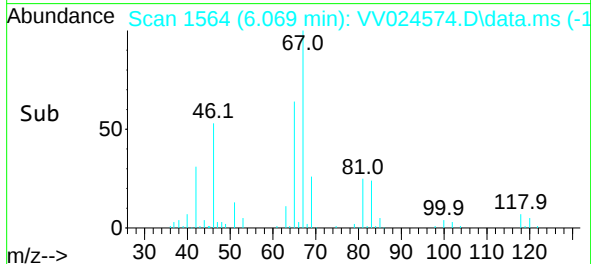
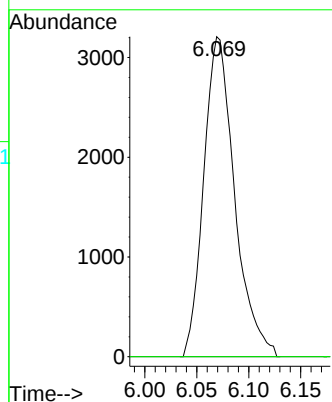
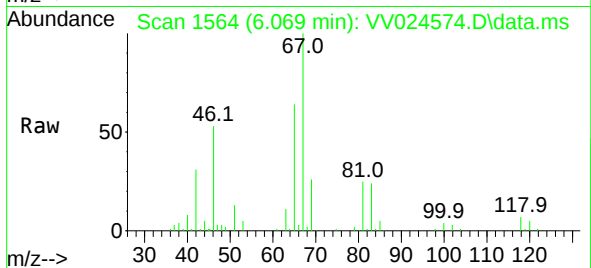
ClientSampleId :

Tgt Ion: 63 Resp: 6635

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#45

1,1,2-Trichloroethane

Concen: 0.163 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV024574.D

Acq: 10 Feb 2022 17:39

Tgt Ion: 97 Resp: 1398

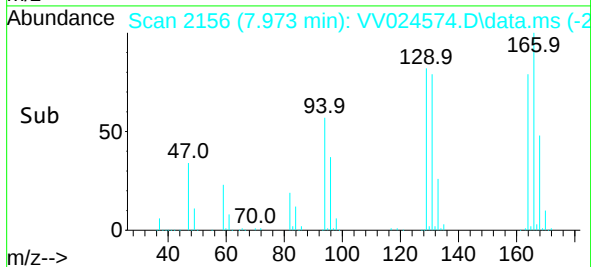
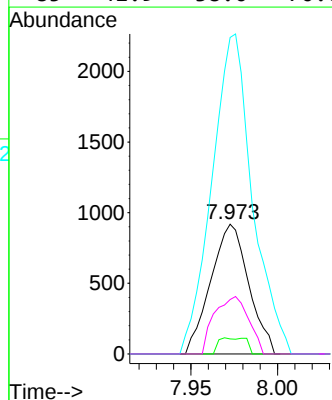
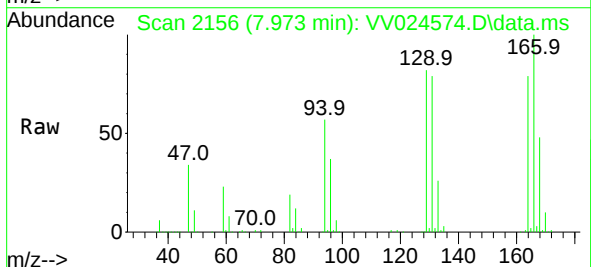
Ion Ratio Lower Upper

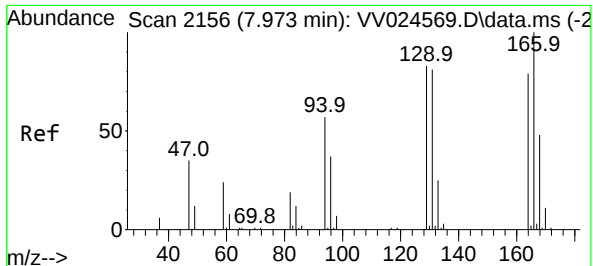
97 100

99 11.6 43.1 80.1#

83 243.7 57.9 107.5#

85 41.9 38.0 70.6





#47

Tetrachloroethene

Concen: 13.005 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

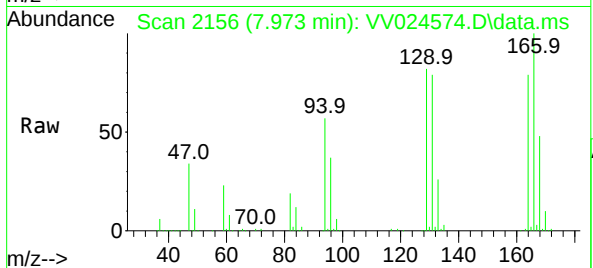
Lab File: VV024574.D

Acq: 10 Feb 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 129388

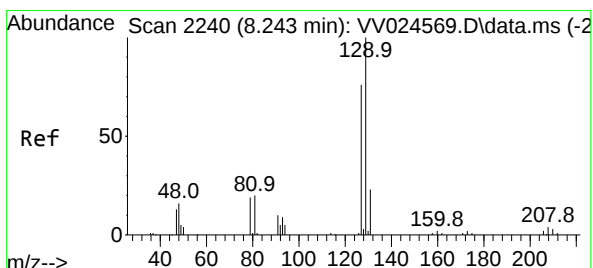
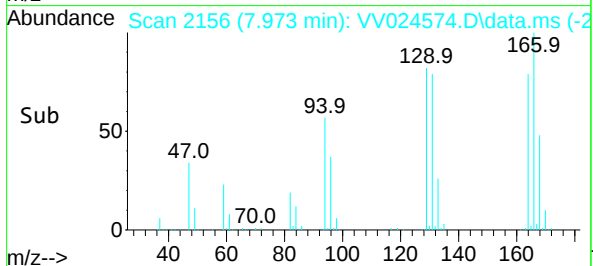
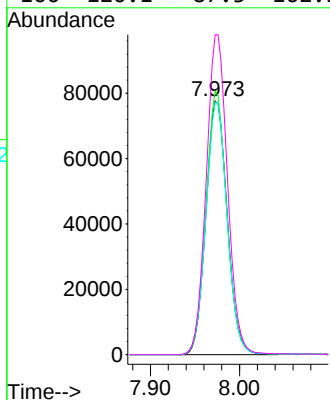
Ion Ratio Lower Upper

164 100

129 103.8 62.6 116.2

131 99.6 61.0 113.4

166 126.1 87.3 162.1



#49

Dibromochloromethane

Concen: 12.454 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024574.D

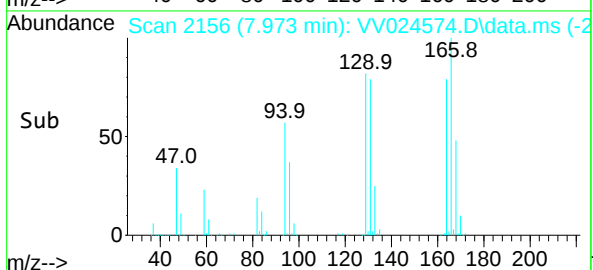
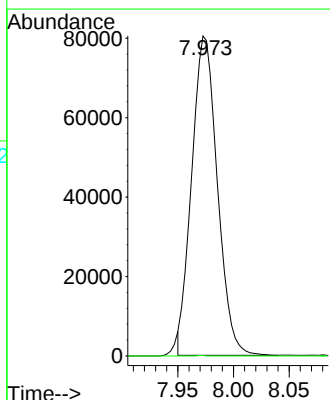
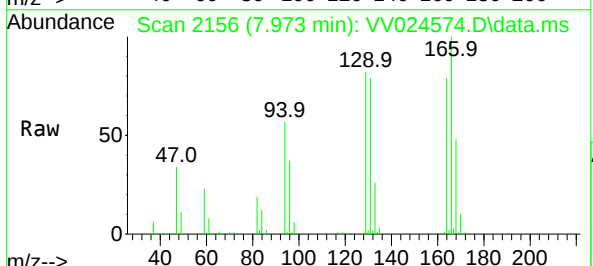
Acq: 10 Feb 2022 17:39

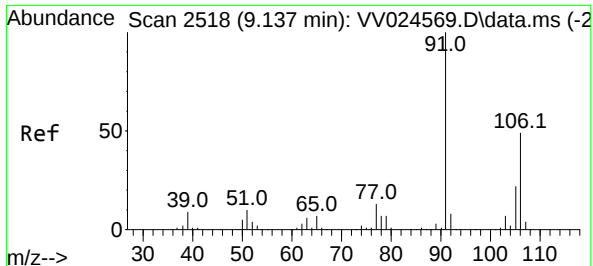
Tgt Ion:129 Resp: 128649

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.3#

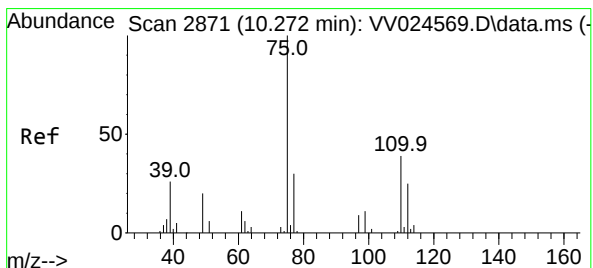
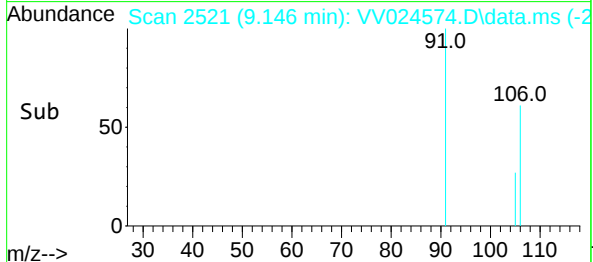
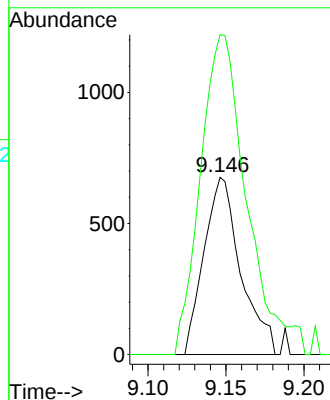
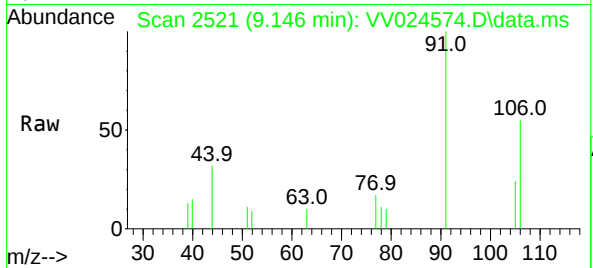




#53
m,p-xylene
Concen: 0.044 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV024574.D
Acq: 10 Feb 2022 17:39

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1108
Ion Ratio Lower Upper
106 100
91 180.5 139.5 259.1



#61
1,2,3-Trichloropropane
Concen: 1.463 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024574.D
Acq: 10 Feb 2022 17:39

Tgt Ion: 75 Resp: 10296
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 2.1 34.2 51.2#

