

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024573.D
 Acq On : 10 Feb 2022 17:16
 Operator : SY/MD
 Sample : N1476-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 11 23:56:20 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

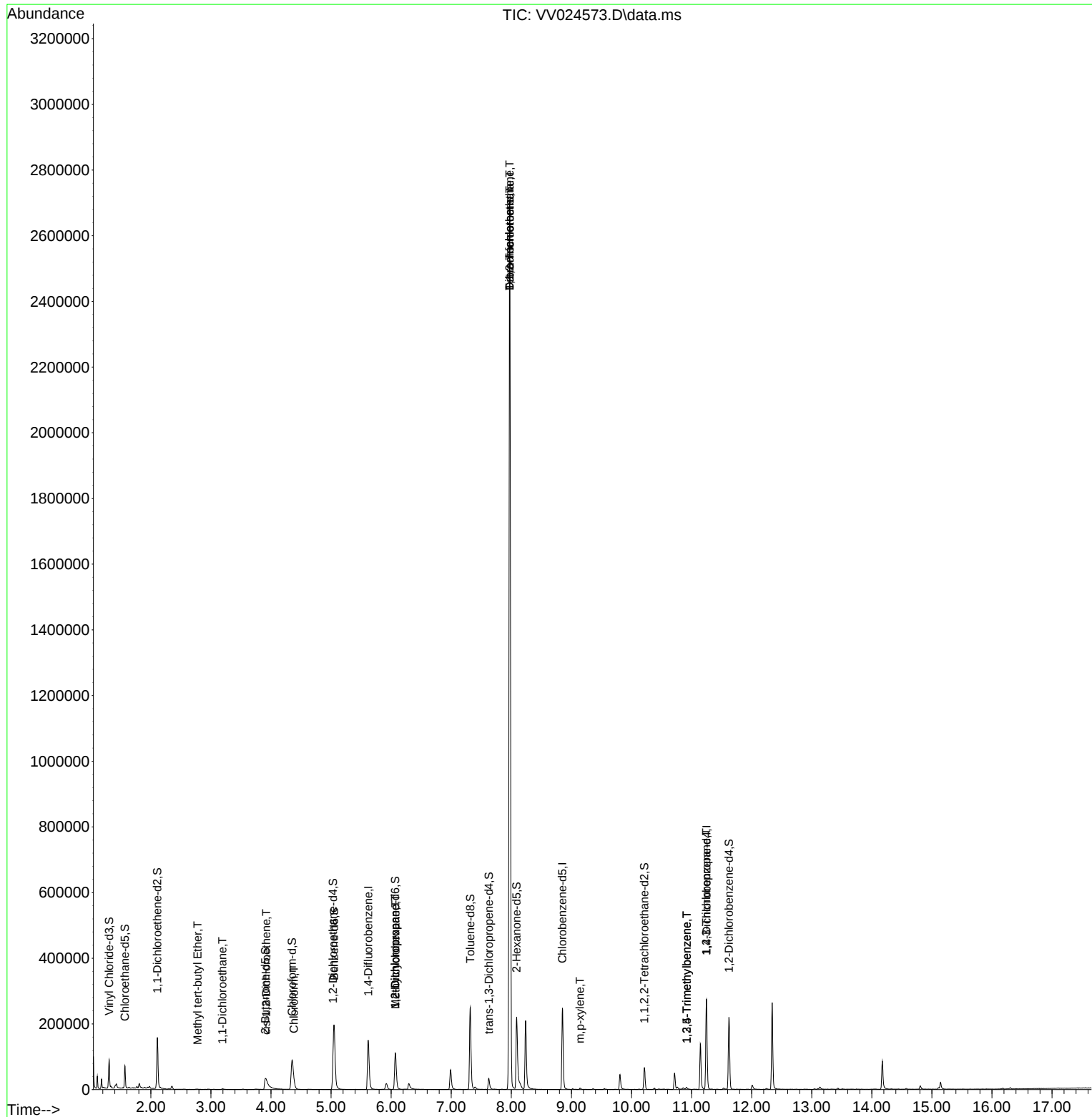
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45934	4.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	41896	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	74561	3.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.905	46	87279	47.600	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.200%
24) Chloroform-d	4.349	84	88737	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	42814	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.050	84	179525	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	54511	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.317	98	163662	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.625	79	21588	4.709	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	82282	50.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32633	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51328	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	2.780	73	1067	0.038	ug/L #	72
19) 1,1-Dichloroethane	3.191	63	2582	0.112	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	2061	0.153	ug/L	75
25) Chloroform	4.381	83	21013	0.867	ug/L	98
35) Methylcyclohexane	6.072	83	13310	0.582	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	6060	0.498	ug/L #	84
45) 1,1,2-Trichloroethane	7.973	97	5412	0.686	ug/L #	1
47) Tetrachloroethene	7.973	164	526804	57.433	ug/L	90
49) Dibromochloromethane	7.973	129	545108	57.236	ug/L #	11
53) m,p-xylene	9.143	106	1425	0.062	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	9824	1.525	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	3140	0.062	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	3140	0.062	ug/L	94

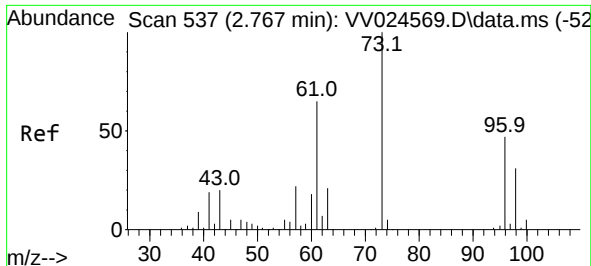
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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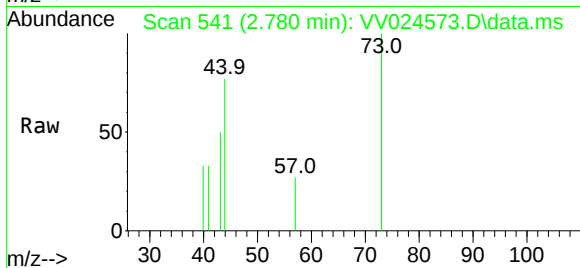
Quant Time: Feb 11 23:56:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
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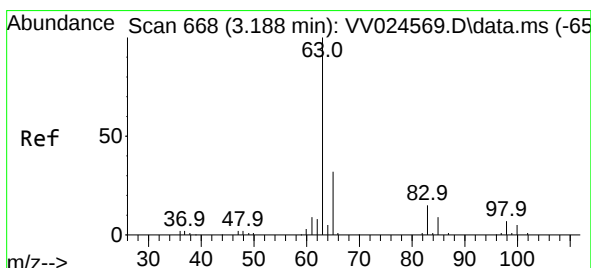
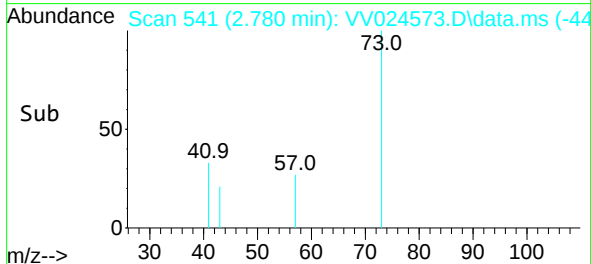
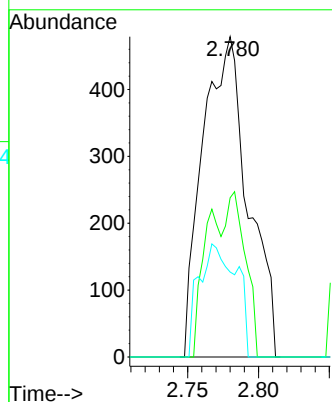


#17
Methyl tert-butyl Ether
Concen: 0.038 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :

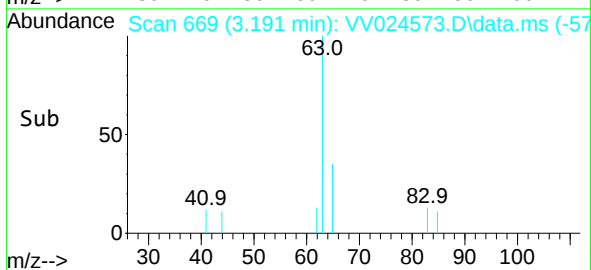
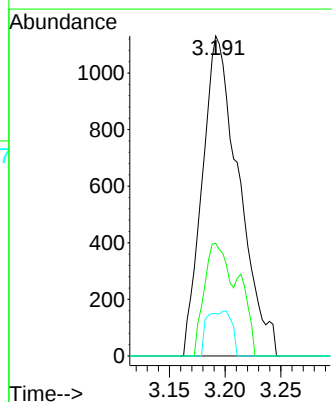
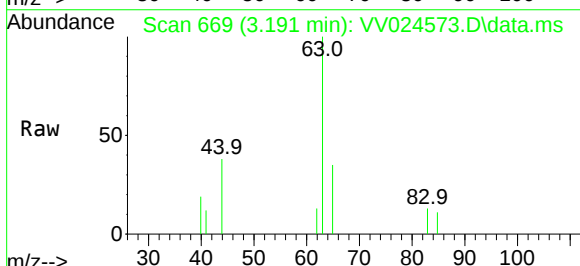


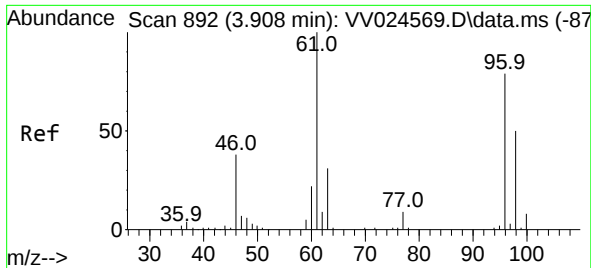
Tgt Ion: 73 Resp: 1067
Ion Ratio Lower Upper
73 100
43 23.1 15.5 23.3
57 0.0 17.1 25.7#



#19
1,1-Dichloroethane
Concen: 0.112 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Tgt Ion: 63 Resp: 2582
Ion Ratio Lower Upper
63 100
65 35.2 22.3 41.3
83 13.3 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.153 ug/L

RT: 3.921 min Scan# 89

Delta R.T. 0.013 min

Lab File: VV024573.D

Acq: 10 Feb 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

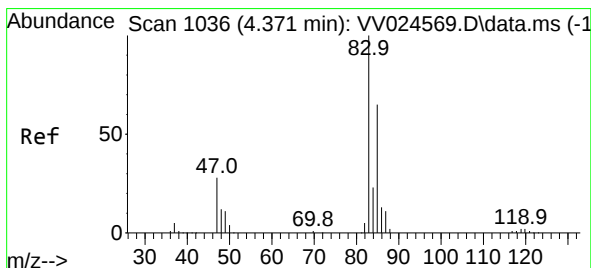
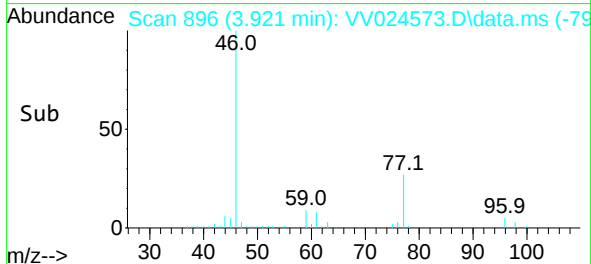
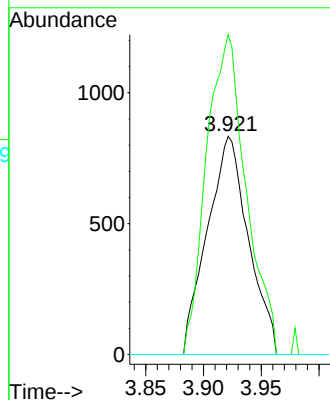
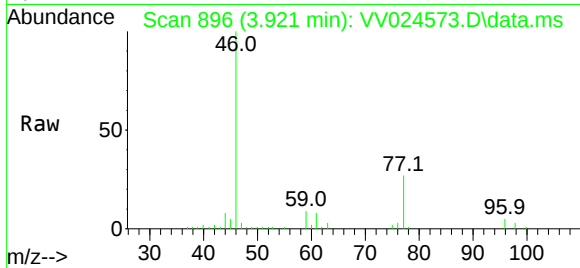
Tgt Ion: 96 Resp: 2061

Ion Ratio Lower Upper

96 100

61 146.5 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.867 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV024573.D

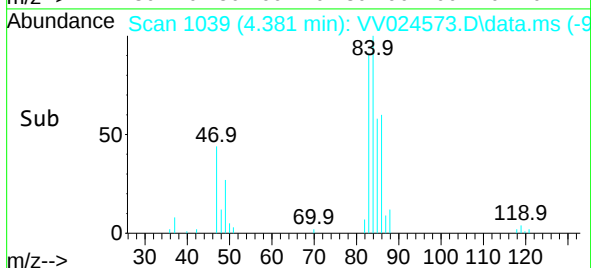
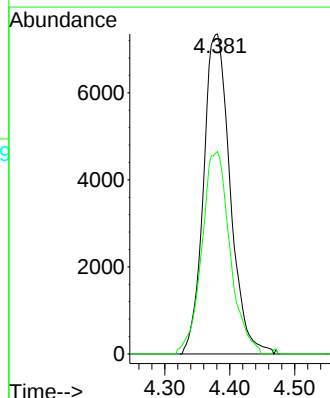
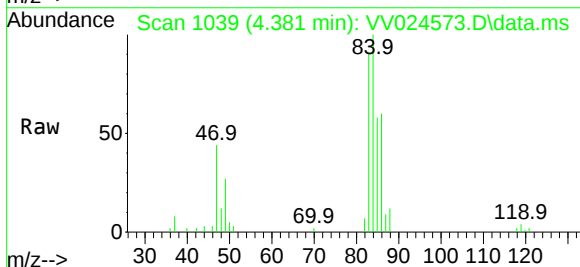
Acq: 10 Feb 2022 17:16

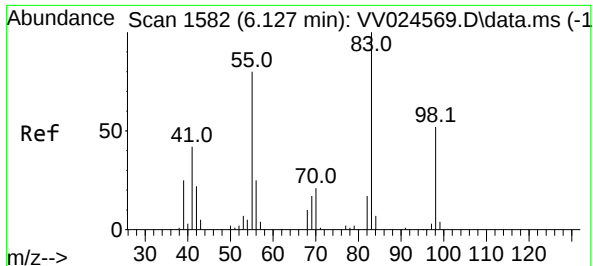
Tgt Ion: 83 Resp: 21013

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0





#35

Methylcyclohexane

Concen: 0.582 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.055 min

Lab File: VV024573.D

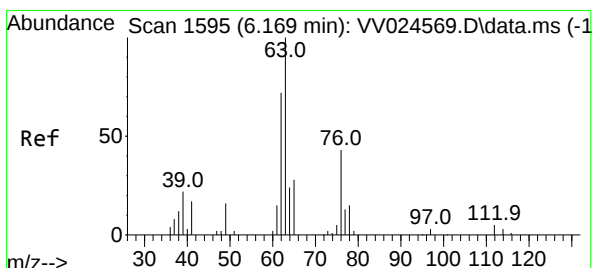
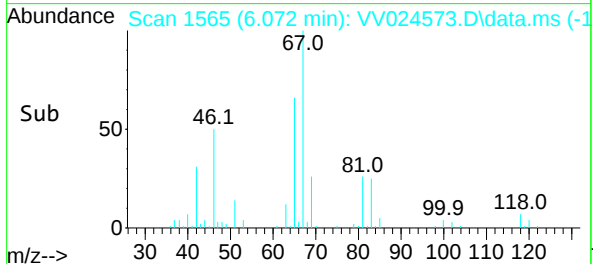
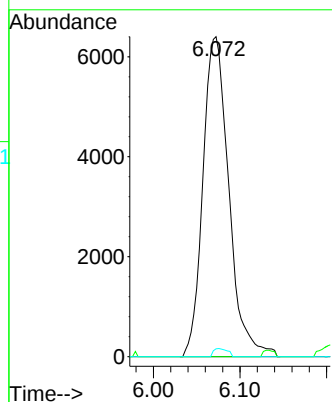
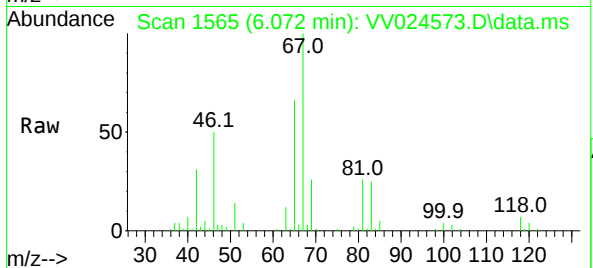
Acq: 10 Feb 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13310
Ion Ratio	Lower Upper
83 100	
55 0.8	60.2 90.2#
98 1.4	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.498 ug/L

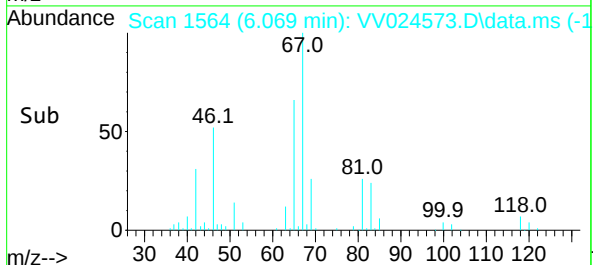
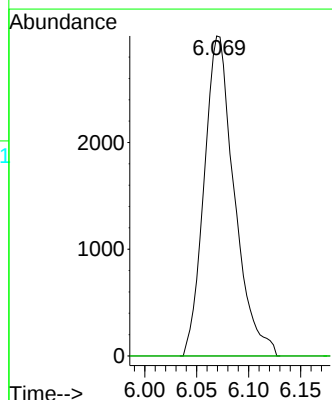
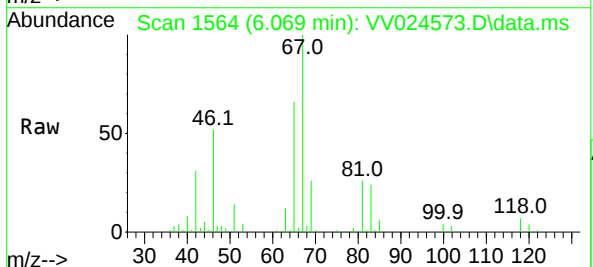
RT: 6.069 min Scan# 1564

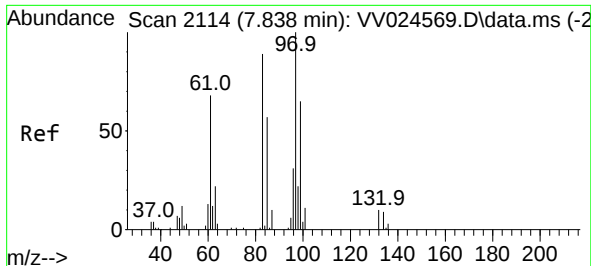
Delta R.T. -0.100 min

Lab File: VV024573.D

Acq: 10 Feb 2022 17:16

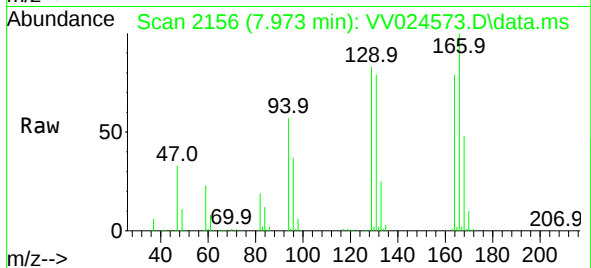
Tgt Ion: 63	Resp: 6060
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





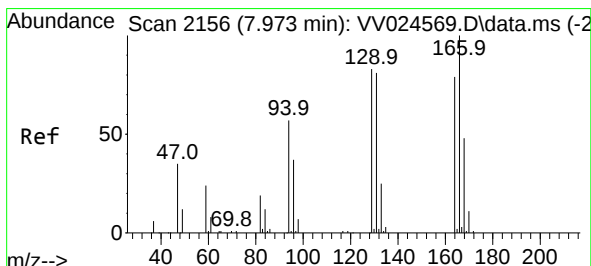
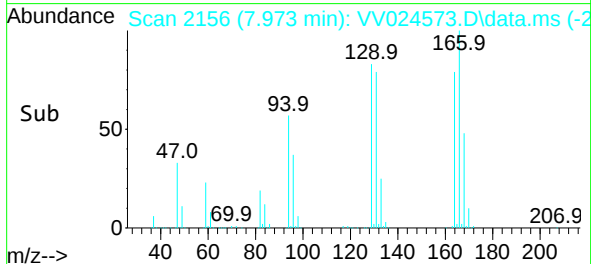
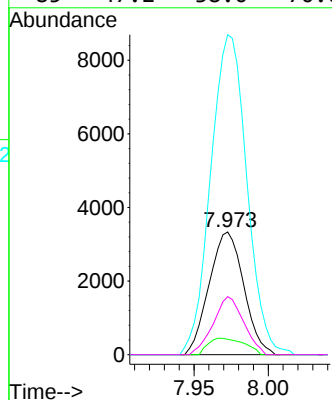
#45
1,1,2-Trichloroethane
Concen: 0.686 ug/L
RT: 7.973 min Scan# 2114
Delta R.T. 0.135 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 5412

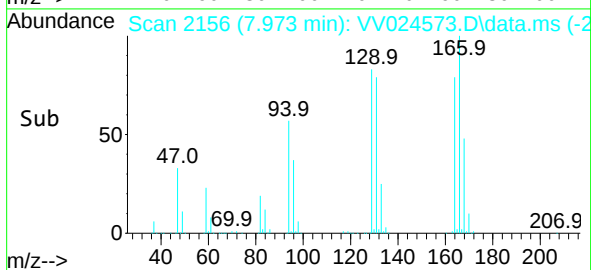
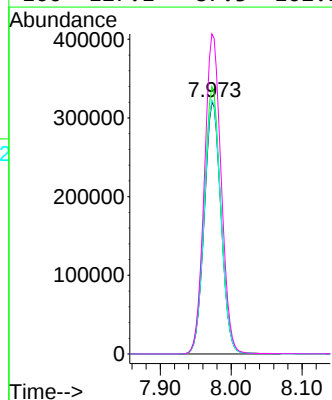
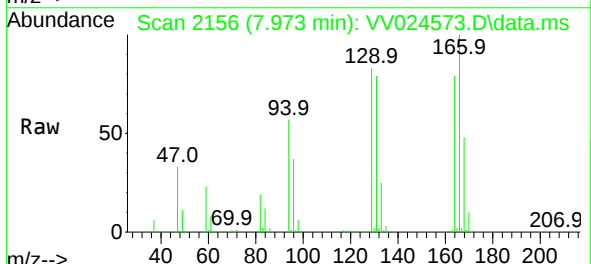
Ion	Ratio	Lower	Upper
97	100		
99	12.5	43.1	80.1#
83	260.6	57.9	107.5#
85	47.2	38.0	70.6

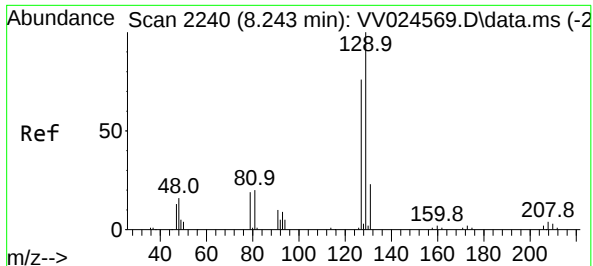


#47
Tetrachloroethene
Concen: 57.433 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Tgt Ion: 164 Resp: 526804

Ion	Ratio	Lower	Upper
164	100		
129	106.1	62.6	116.2
131	100.9	61.0	113.4
166	127.1	87.3	162.1





#49

Dibromochloromethane

Concen: 57.236 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV024573.D

Acq: 10 Feb 2022 17:16

Instrument :

MSVOA_V

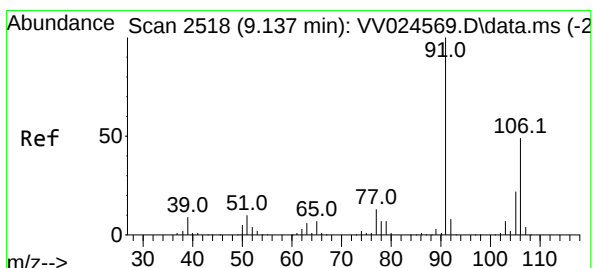
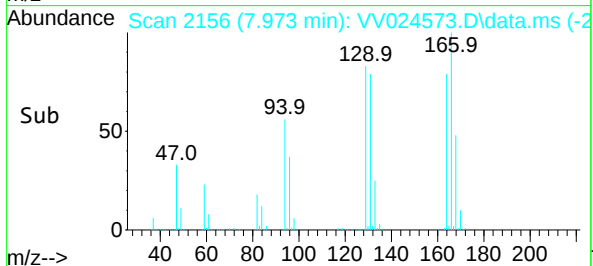
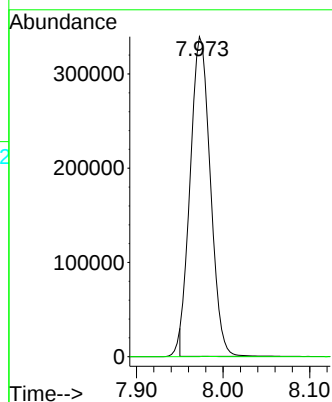
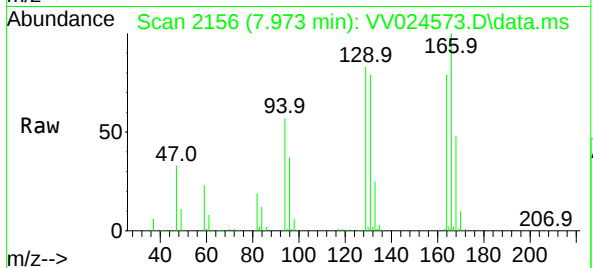
ClientSampleId :

Tgt Ion:129 Resp: 545108

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.062 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV024573.D

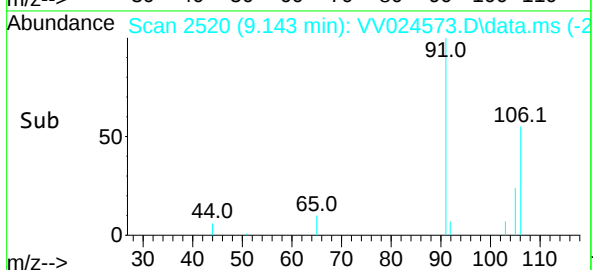
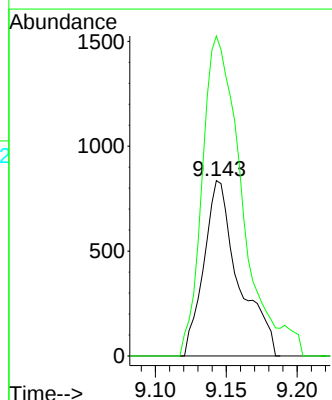
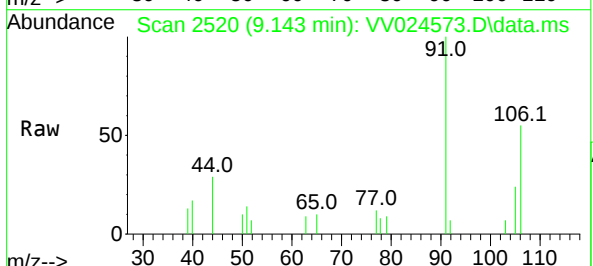
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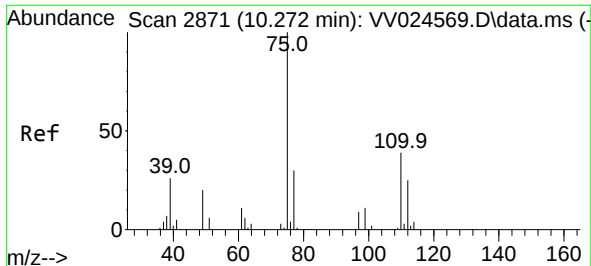
Tgt Ion:106 Resp: 1425

Ion Ratio Lower Upper

106 100

91 182.5 139.5 259.1

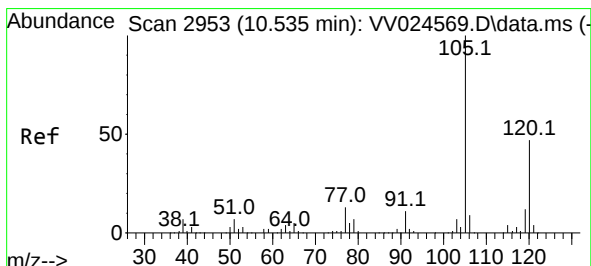
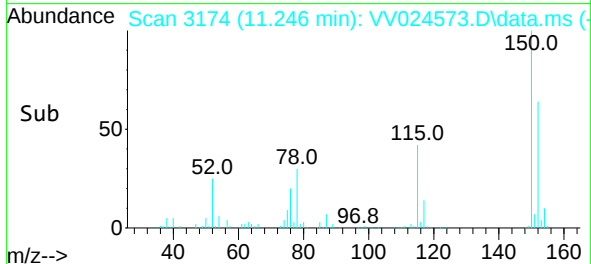
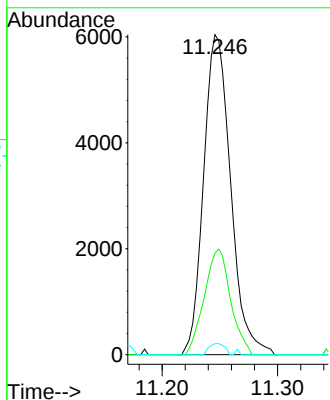
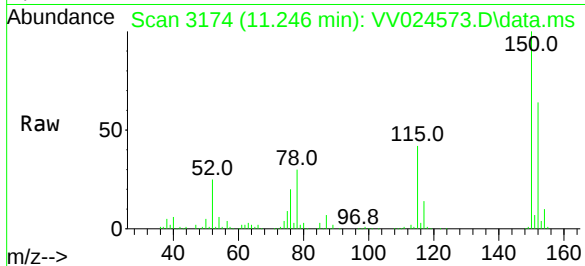




#61
 1,2,3-Trichloropropane
 Concen: 1.525 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV024573.D
 Acq: 10 Feb 2022 17:16

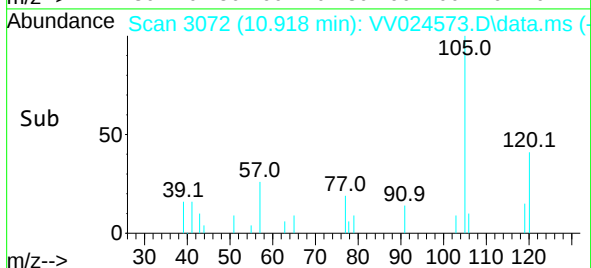
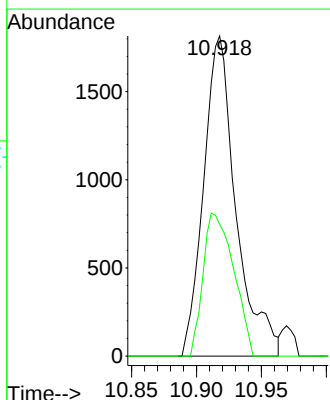
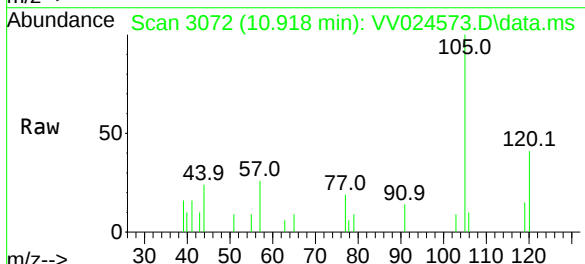
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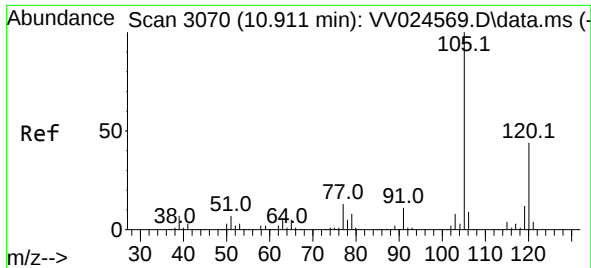
Tgt Ion: 75 Resp: 9824
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 110 2.0 34.2 51.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.062 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.383 min
 Lab File: VV024573.D
 Acq: 10 Feb 2022 17:16

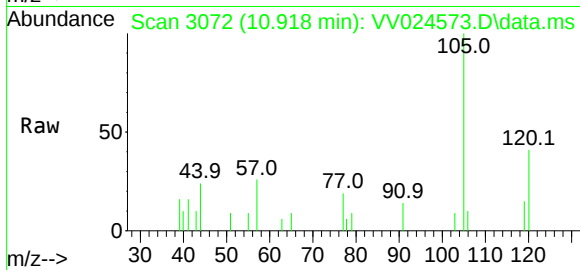
Tgt Ion: 105 Resp: 3140
 Ion Ratio Lower Upper
 105 100
 120 42.2 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.062 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.006 min
 Lab File: VV024573.D
 Acq: 10 Feb 2022 17:16

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 3140
 Ion Ratio Lower Upper
 105 100
 120 42.2 36.7 55.1

