

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 :
 BFXZ2

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

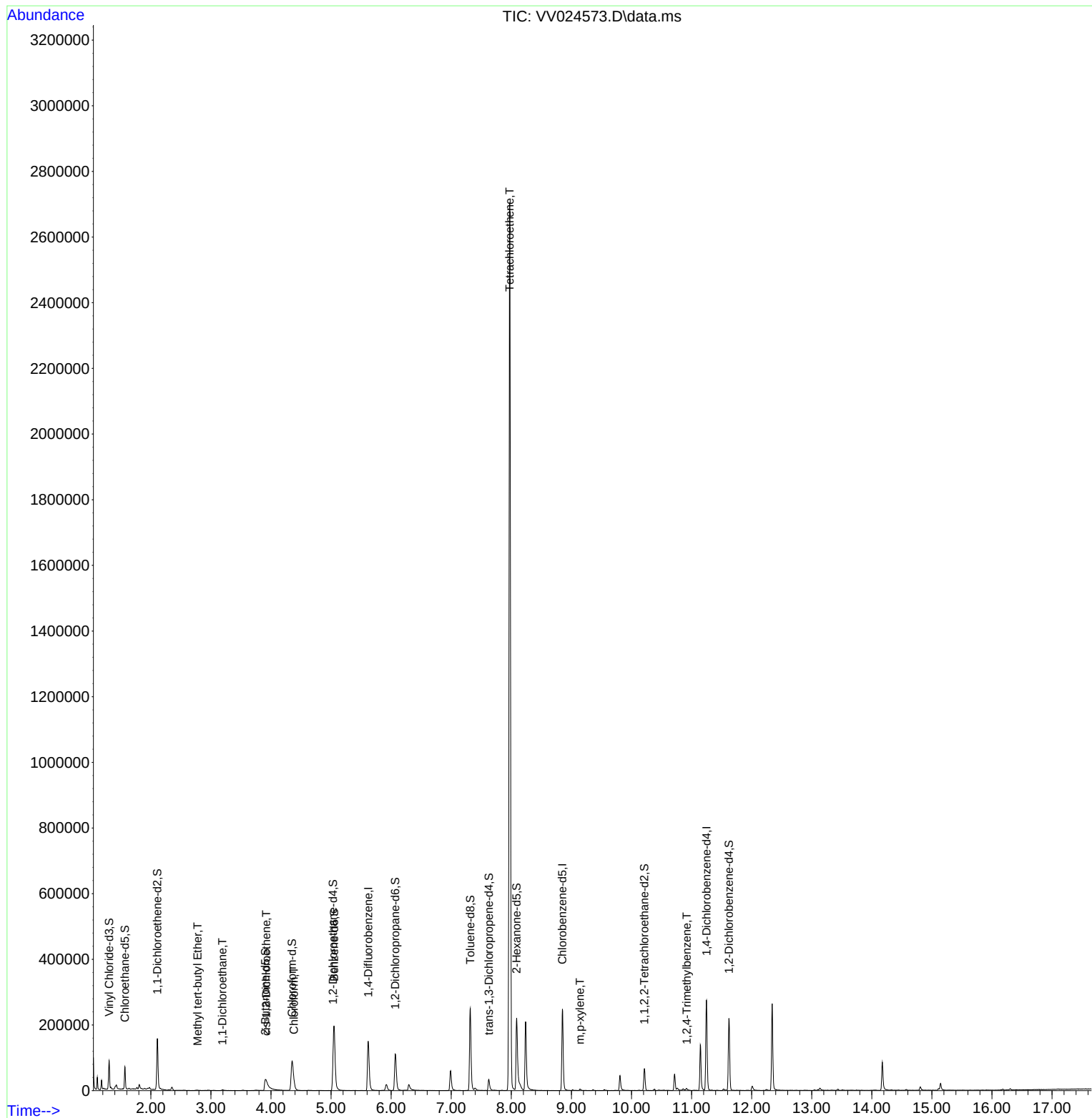
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65330	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	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						
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
47) Tetrachloroethene	7.973	164	526804	57.433	ug/L	90
53) m,p-xylene	9.143	106	1425	0.062	ug/L	89
63) 1,2,4-Trimethylbenzene	10.918	105	3140	0.062	ug/L	94

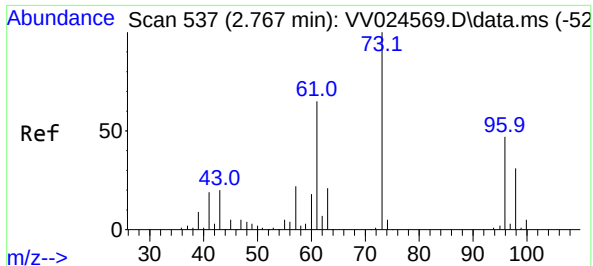
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 11 23:54:44 2022
Response via : Initial Calibration





#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 :

BFXZ2

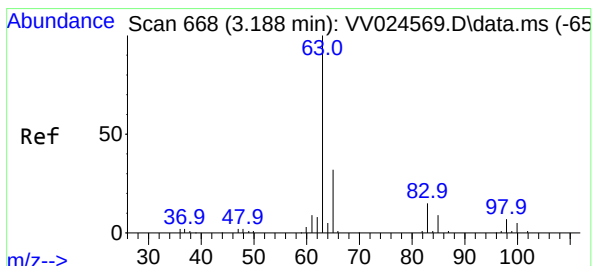
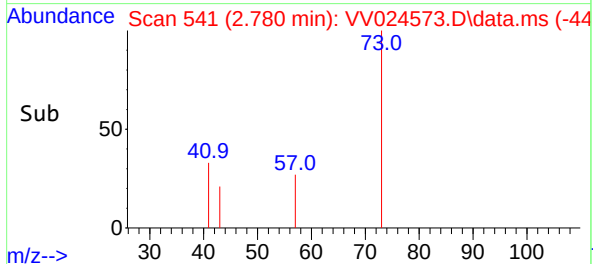
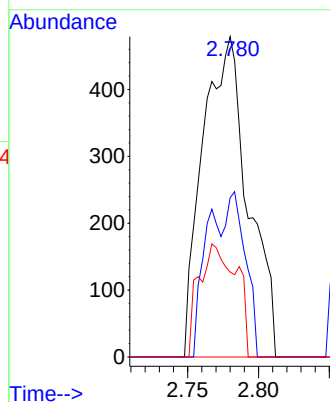
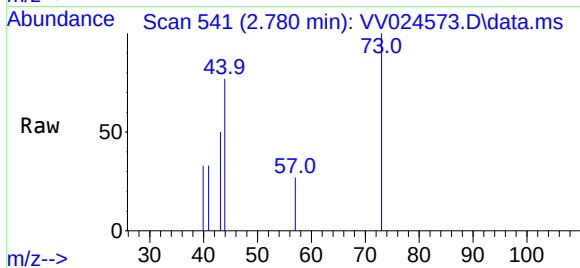
Tgt Ion: 73 Resp: 1067

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

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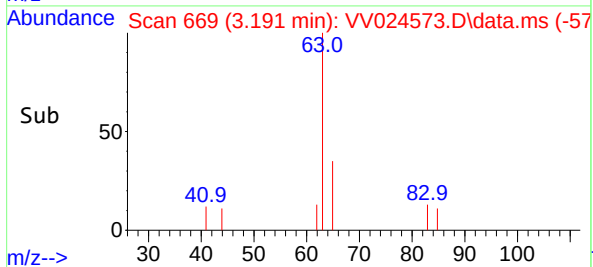
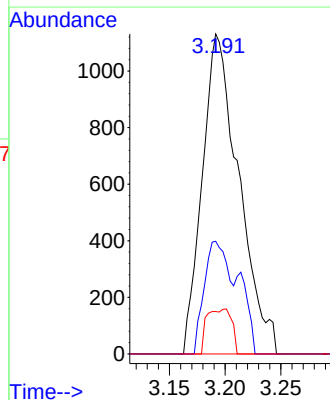
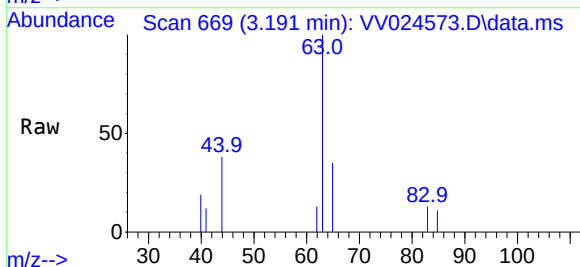
Tgt Ion: 63 Resp: 2582

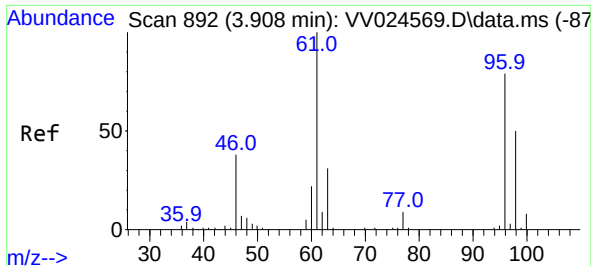
Ion Ratio Lower Upper

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# 896

Delta R.T. 0.013 min

Lab File: VV024573.D

Acq: 10 Feb 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

BFXZ2

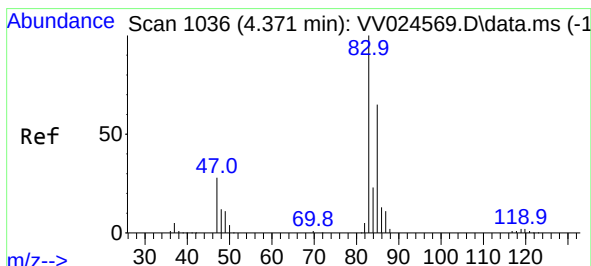
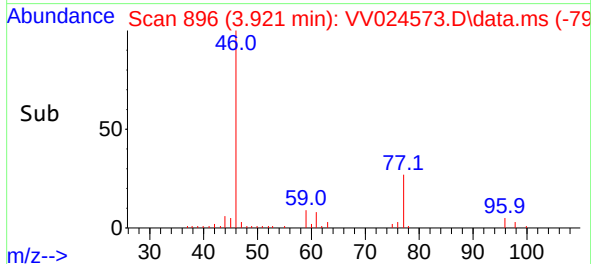
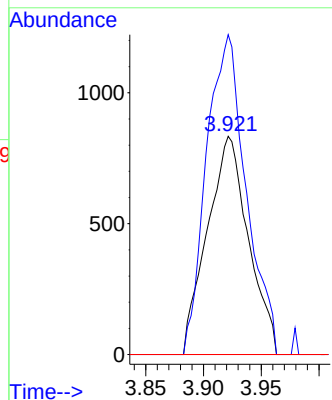
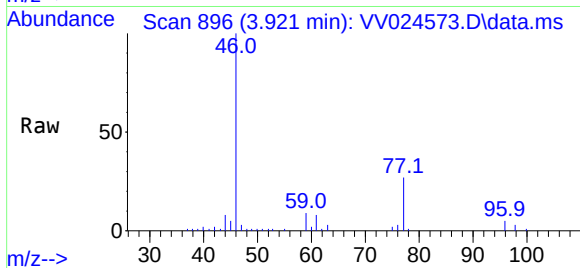
Tgt Ion: 96 Resp: 2061

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

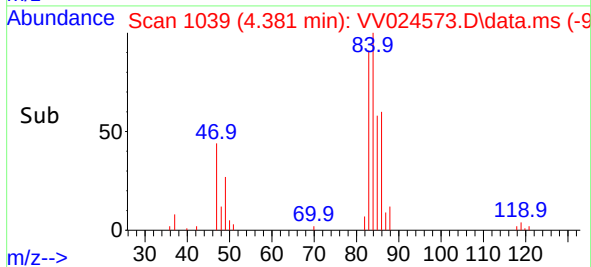
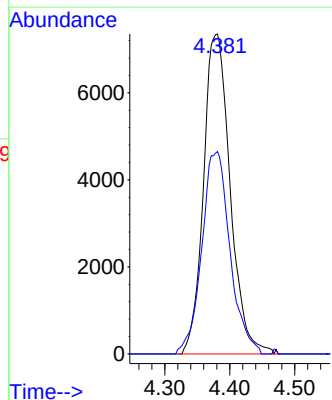
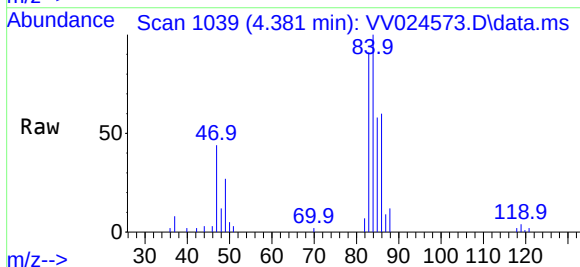
Acq: 10 Feb 2022 17:16

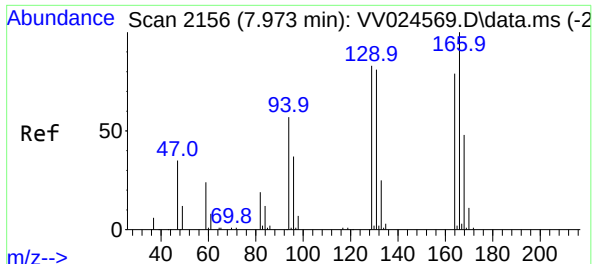
Tgt Ion: 83 Resp: 21013

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0



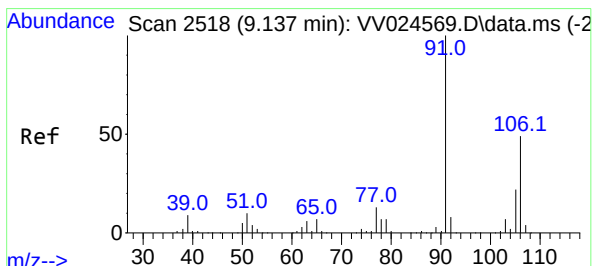
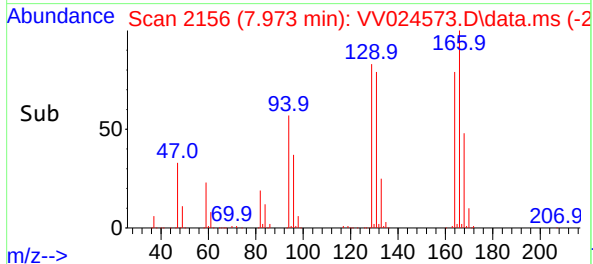
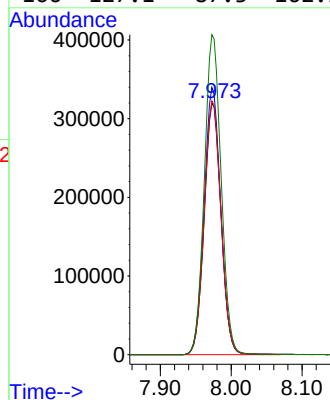
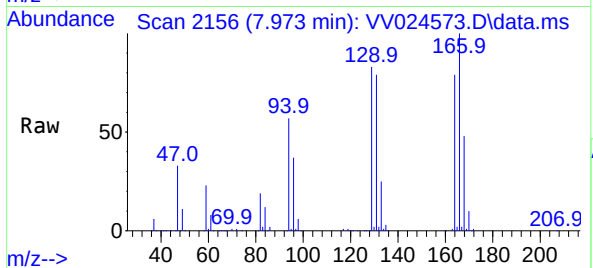


#47
Tetrachloroethene
Concen: 57.433 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :
BFXZ2

Tgt Ion:164 Resp: 526804

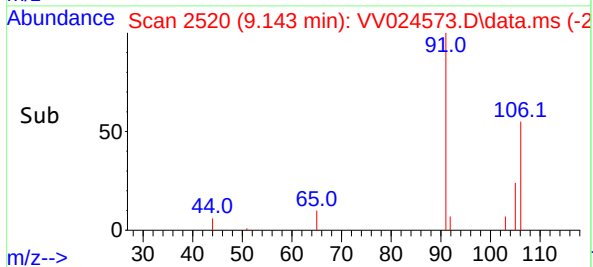
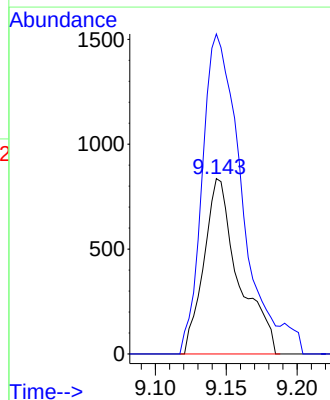
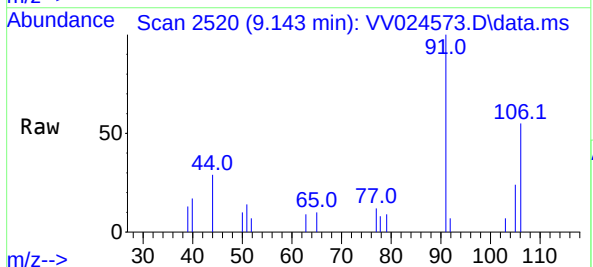
Ion	Ratio	Lower	Upper
164	100		
129	106.1	62.6	116.2
131	100.9	61.0	113.4
166	127.1	87.3	162.1

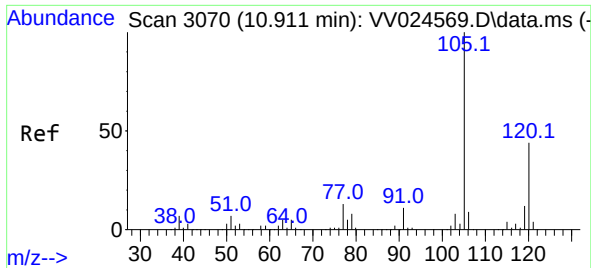


#53
m,p-xylene
Concen: 0.062 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024573.D
Acq: 10 Feb 2022 17:16

Tgt Ion:106 Resp: 1425

Ion	Ratio	Lower	Upper
106	100		
91	182.5	139.5	259.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.062 ug/L
 RT: 10.918 min Scan# 3070
 Delta R.T. 0.006 min
 Lab File: VV024573.D
 Acq: 10 Feb 2022 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ2

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

