

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
 Data File : VV025198.D
 Acq On : 26 Mar 2022 15:15
 Operator : SY/MD
 Sample : VV0326WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK325

Quant Time: Mar 28 01:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:28:32 2022
 Response via : Initial Calibration

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

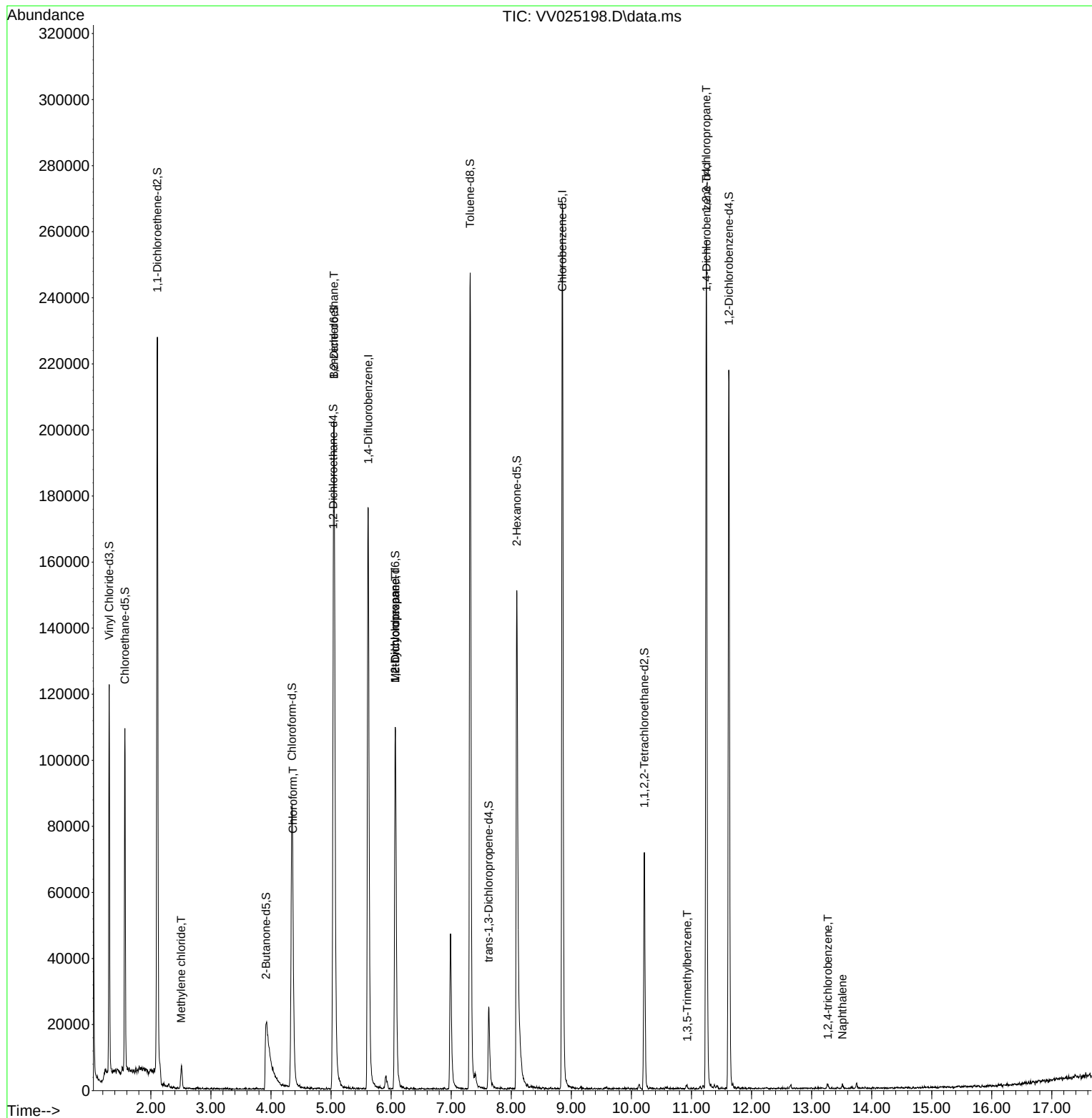
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64624	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75020	5.115	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.400%	
7) Chloroethane-d5	1.568	69	64649	5.252	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.108	63	119420	3.759	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.918	46	13906	9.519	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	19.040%#	
24) Chloroform-d	4.349	84	91522	4.782	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.037	65	42520	5.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.050	84	188711	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.069	67	54606	5.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.317	98	166672	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14957	4.242	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.092	63	59843	46.994	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34404	4.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54389	5.240	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.800%	
Target Compounds						
16) Methylene chloride	2.507	84	2968	0.239	ug/L	99
25) Chloroform	4.365	83	1665	0.079	ug/L	95
27) 1,2-Dichloroethane	5.050	62	1079	0.099	ug/L #	73
35) Methylcyclohexane	6.069	83	13787	0.717	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6068	0.585	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	8624	1.764	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.931	105	707	0.037	ug/L	94
70) 1,2,4-trichlorobenzene	13.271	180	650	0.059	ug/L #	68
71) Naphthalene	13.513	128	1120	0.066	ug/L #	74

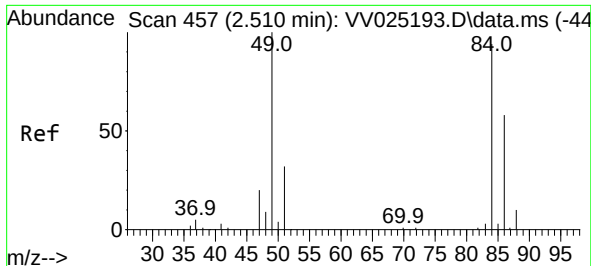
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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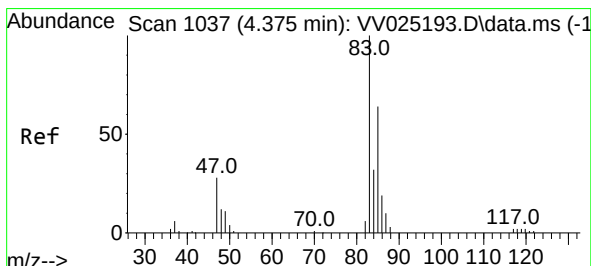
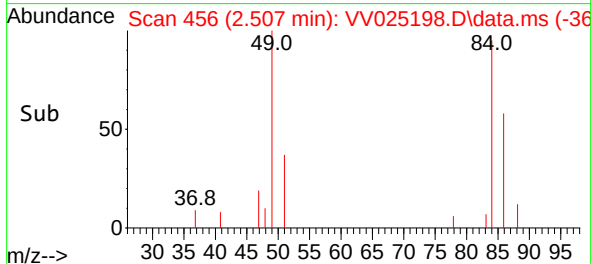
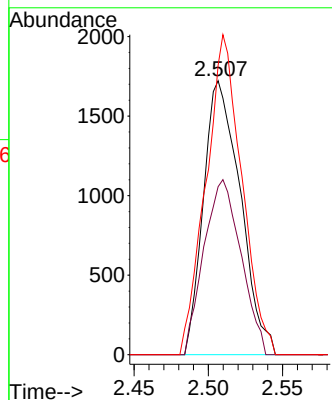
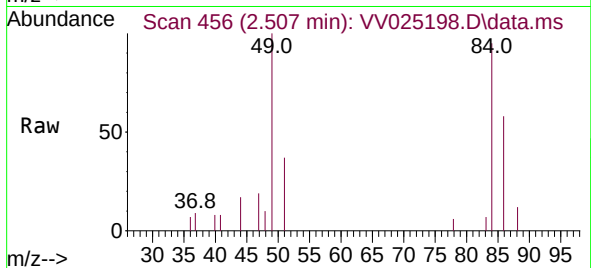




#16
Methylene chloride
Concen: 0.239 ug/L
RT: 2.507 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025198.D
Acq: 26 Mar 2022 15:15

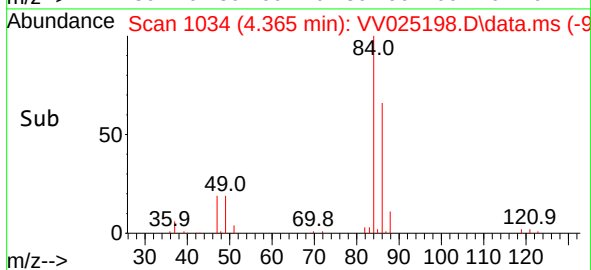
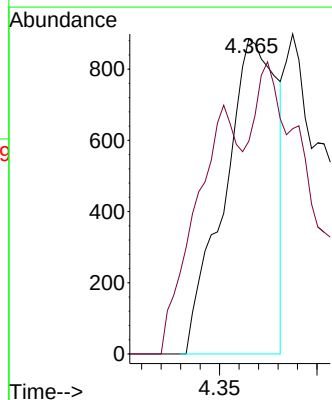
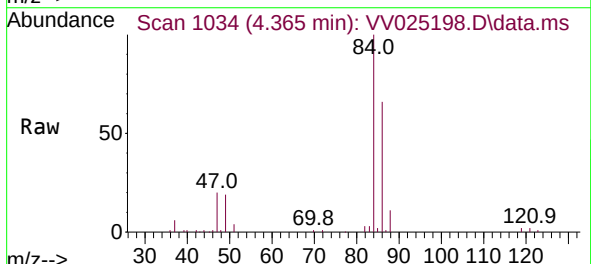
Instrument :
MSVOA_V
ClientSampleId :
VBLK325

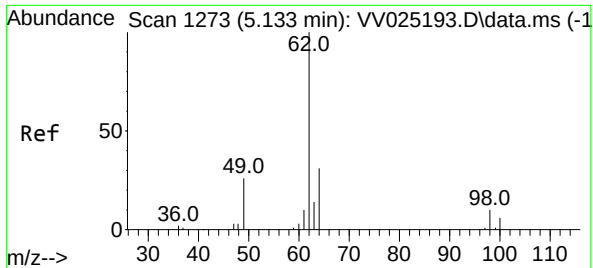
Tgt Ion: 84 Resp: 2968
Ion Ratio Lower Upper
84 100
86 61.3 43.5 80.7
49 105.7 74.5 138.3



#25
Chloroform
Concen: 0.079 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.010 min
Lab File: VV025198.D
Acq: 26 Mar 2022 15:15

Tgt Ion: 83 Resp: 1665
Ion Ratio Lower Upper
83 100
85 67.6 44.7 82.9

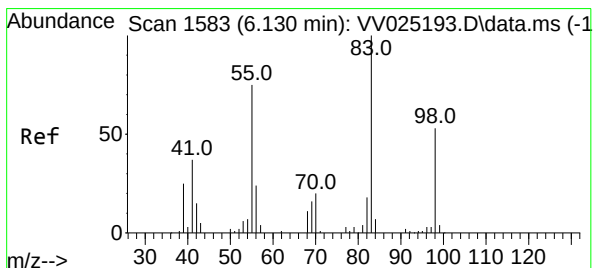
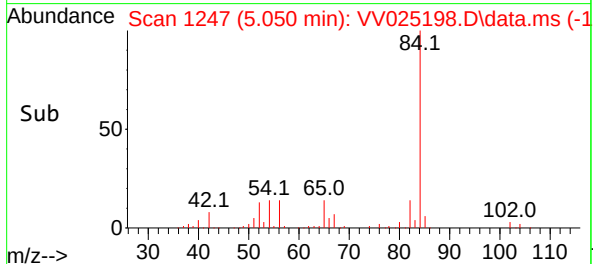
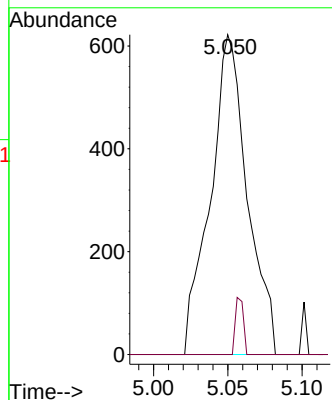
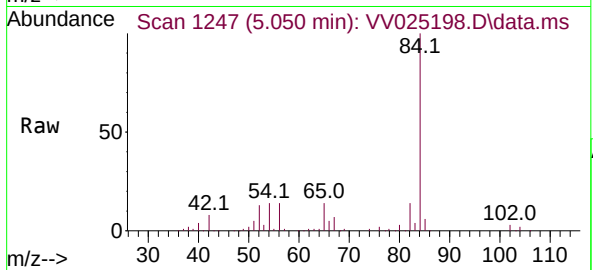




#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV025198.D
Acq: 26 Mar 2022 15:15

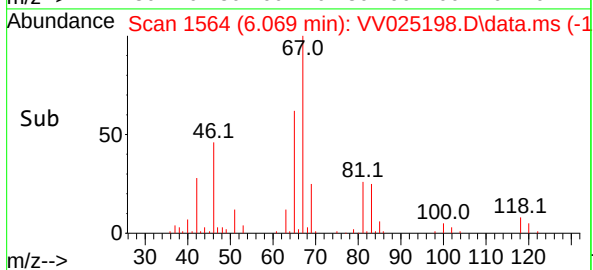
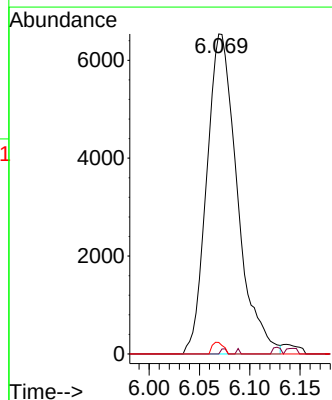
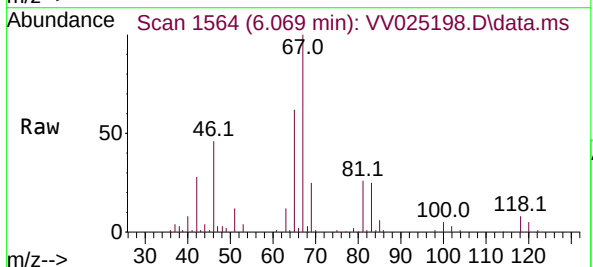
Instrument :
MSVOA_V
ClientSampleId :
VBLK325

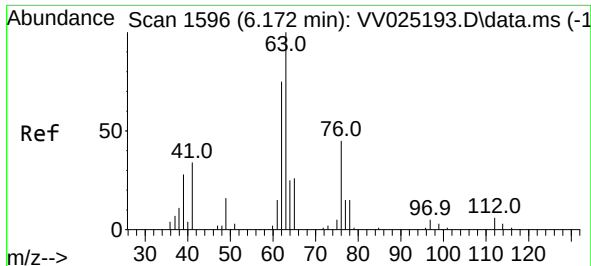
Tgt Ion: 62 Resp: 1079
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025198.D
Acq: 26 Mar 2022 15:15

Tgt Ion: 83 Resp: 13787
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 1.3 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025198.D

Acq: 26 Mar 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

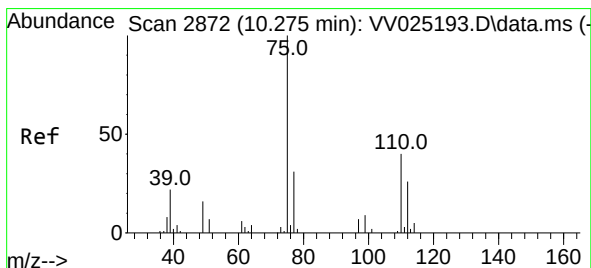
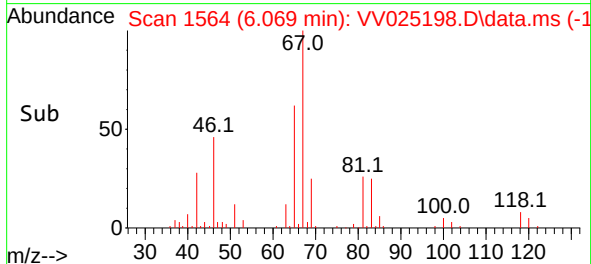
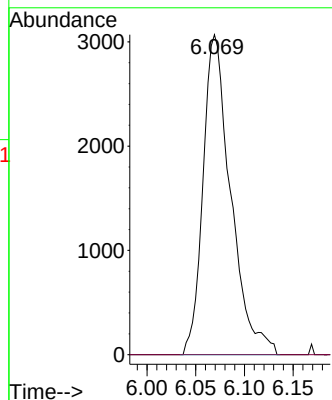
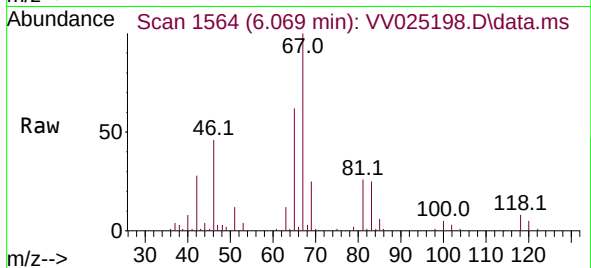
VBLK325

Tgt Ion: 63 Resp: 6068

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#61

1,2,3-Trichloropropane

Concen: 1.764 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV025198.D

Acq: 26 Mar 2022 15:15

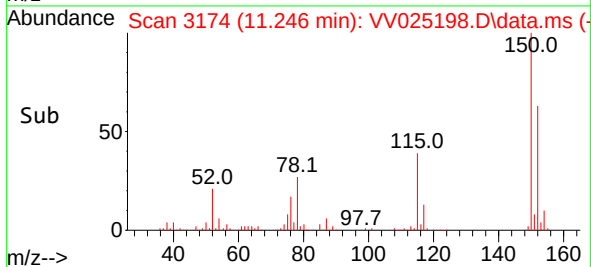
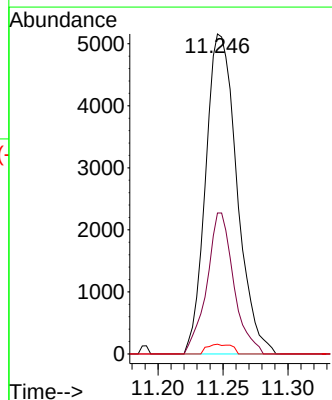
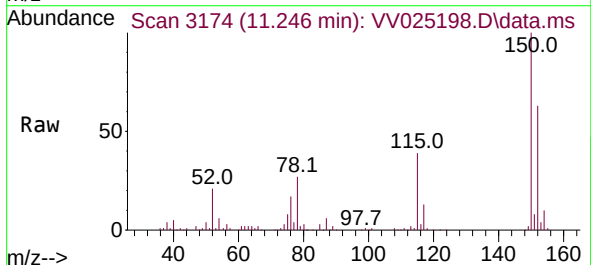
Tgt Ion: 75 Resp: 8624

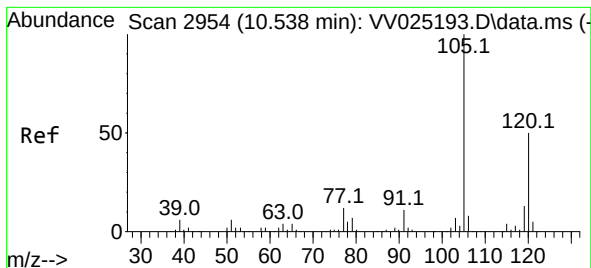
Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.6

110 2.4 31.6 47.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.037 ug/L

RT: 10.931 min Scan# 3076

Delta R.T. 0.392 min

Lab File: VV025198.D

Acq: 26 Mar 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

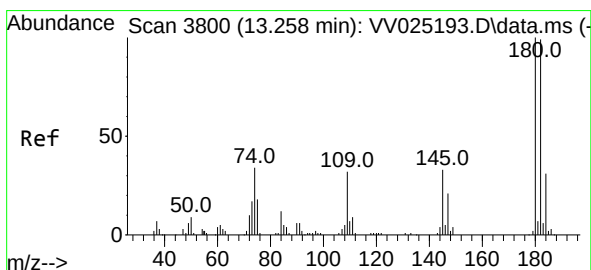
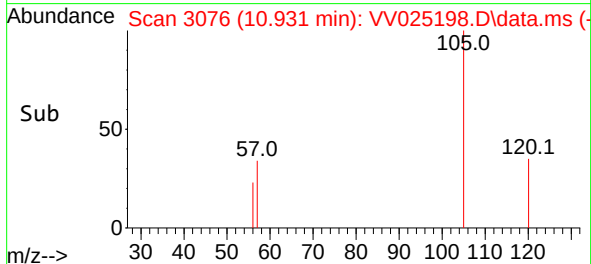
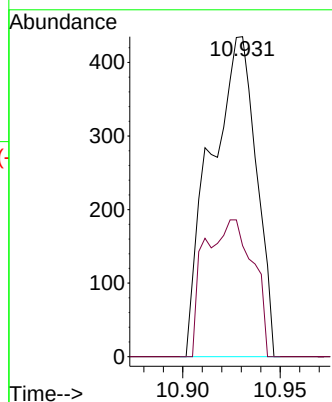
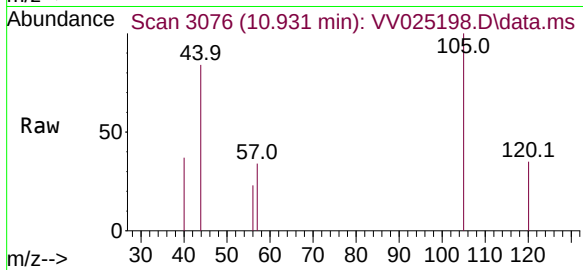
VBLK325

Tgt Ion:105 Resp: 707

Ion Ratio Lower Upper

105 100

120 45.4 39.7 59.5



#70

1,2,4-trichlorobenzene

Concen: 0.059 ug/L

RT: 13.271 min Scan# 3804

Delta R.T. 0.013 min

Lab File: VV025198.D

Acq: 26 Mar 2022 15:15

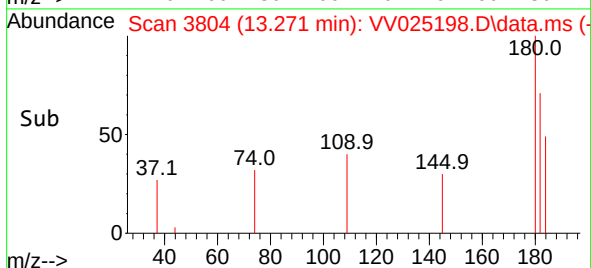
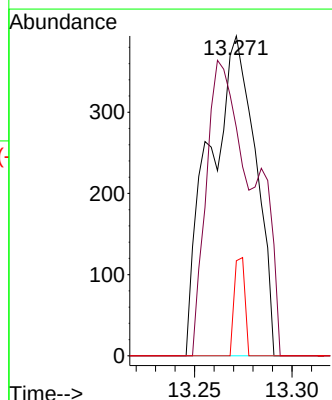
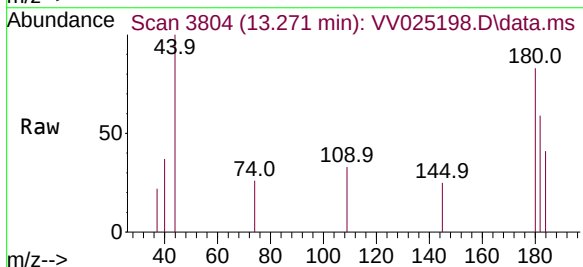
Tgt Ion:180 Resp: 650

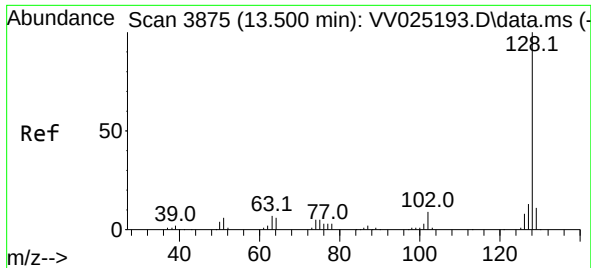
Ion Ratio Lower Upper

180 100

182 69.7 77.5 116.3#

145 7.1 26.2 39.4#





#71

Naphthalene

Concen: 0.066 ug/L

RT: 13.513 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV025198.D

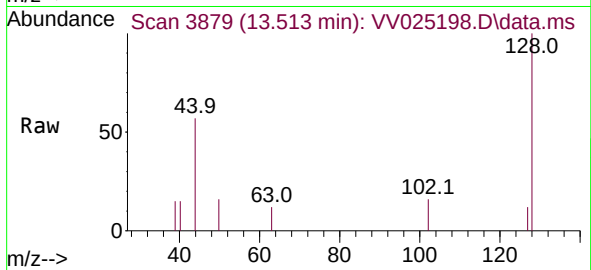
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Tgt Ion:128 Resp: 1120

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 3.8 10.6 16.0#

