

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
 Data File : VV025900.D
 Acq On : 16 May 2022 10:24
 Operator : SY/MD
 Sample : VV0516WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK359

Quant Time: May 17 07:59:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

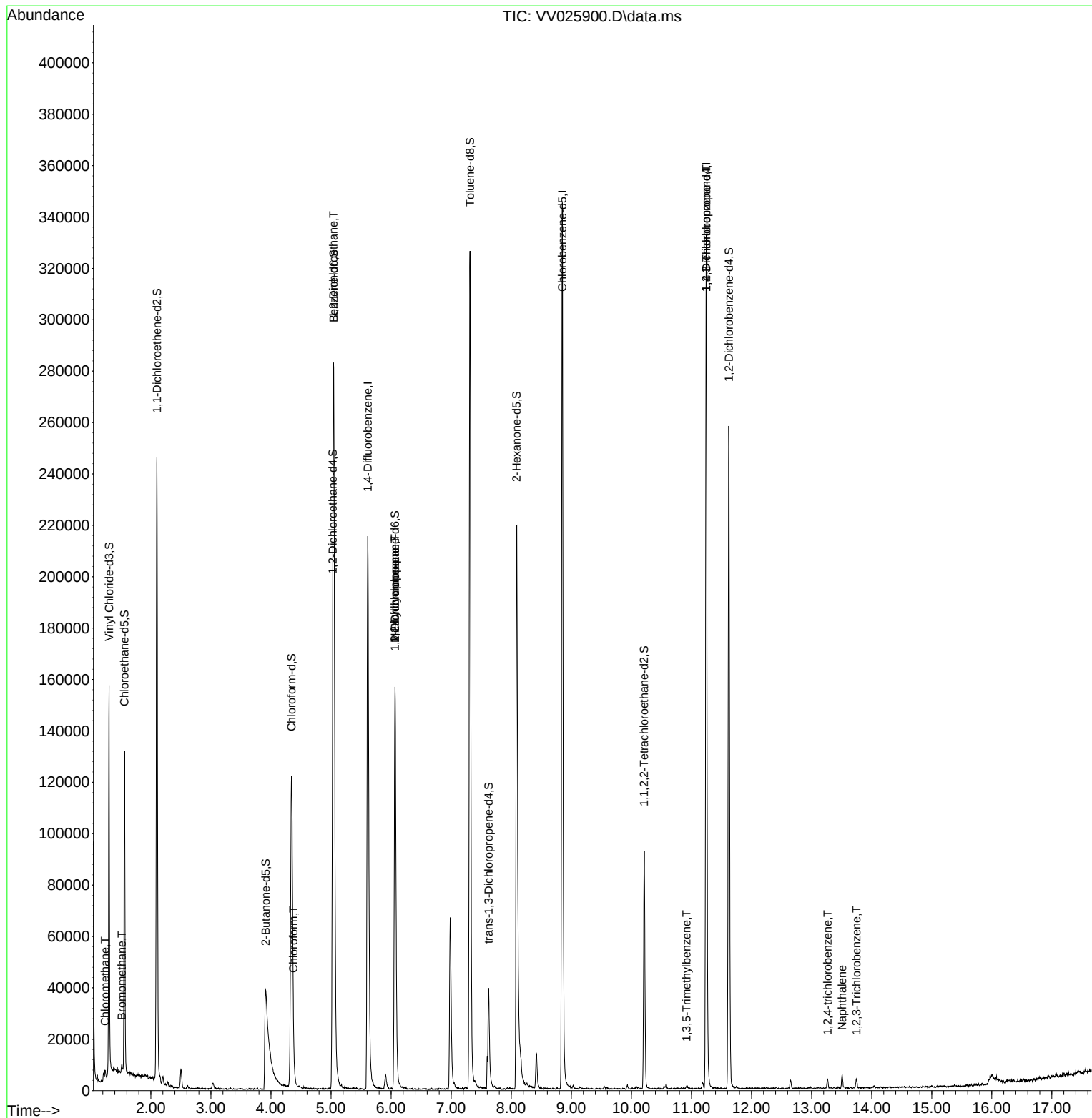
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	189757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	188261	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	89348	5.701	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.000%	
7) Chloroethane-d5	1.561	69	76883	5.729	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.600%	
11) 1,1-Dichloroethene-d2	2.101	63	130445	3.760	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	3.912	46	93760	51.660	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.320%	
24) Chloroform-d	4.342	84	128167	5.007	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
26) 1,2-Dichloroethane-d4	5.027	65	58123	5.354	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.043	84	261555	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
36) 1,2-Dichloropropane-d6	6.066	67	77400	5.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.000%	
41) Toluene-d8	7.313	98	222345	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
43) trans-1,3-Dichloroprop...	7.622	79	24221	5.211	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.200%	
46) 2-Hexanone-d5	8.088	63	79015	45.785	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44639	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66005	5.367	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2430	0.102	ug/L	100
6) Bromomethane	1.516	94	1730	0.118	ug/L	88
25) Chloroform	4.375	83	2605	0.085	ug/L	78
27) 1,2-Dichloroethane	5.040	62	1614	0.100	ug/L #	73
35) Methylcyclohexane	6.066	83	18412	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.063	63	8746	0.582	ug/L #	85
61) 1,2,3-Trichloropropane	11.246	75	10565	1.469	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.918	105	894	0.036	ug/L	87
70) 1,2,4-trichlorobenzene	13.268	180	1250	0.081	ug/L	97
71) Naphthalene	13.509	128	4053	0.175	ug/L #	78
72) 1,2,3-Trichlorobenzene	13.747	180	1465	0.110	ug/L	83

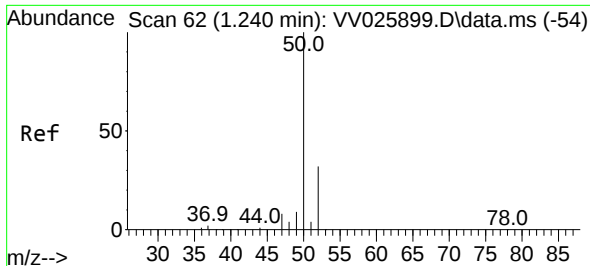
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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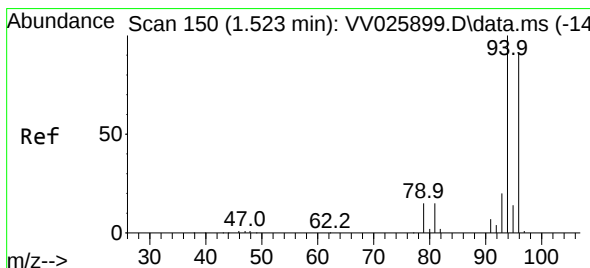
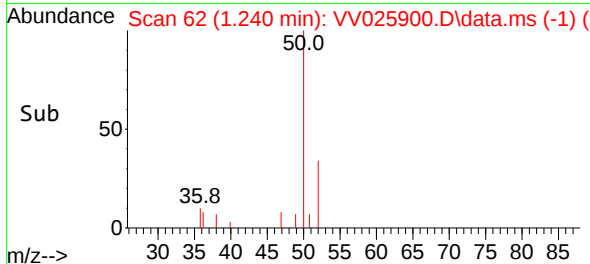
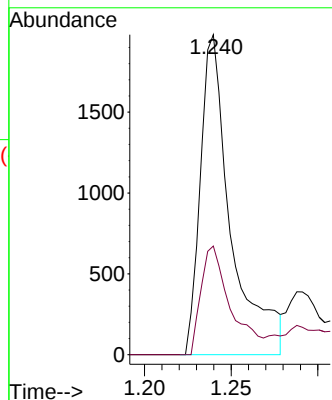
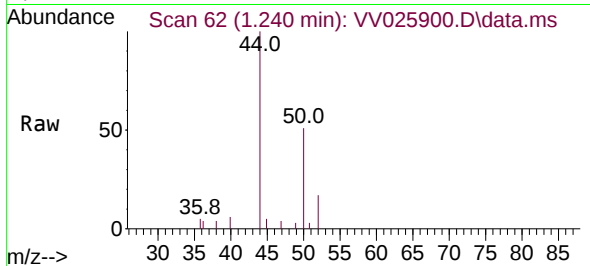




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

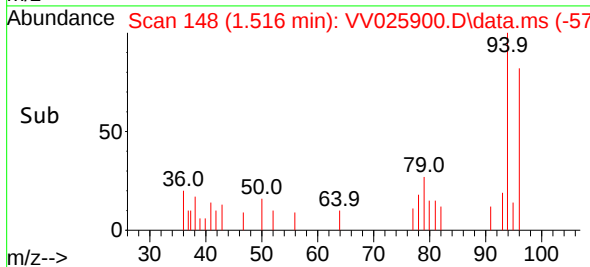
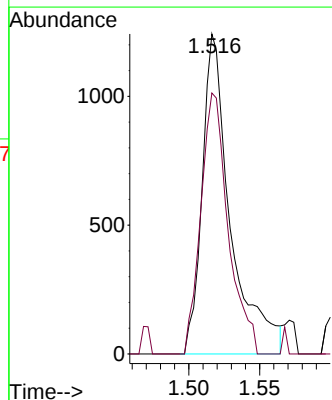
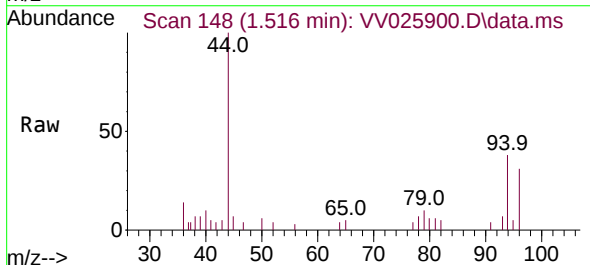
Instrument :
MSVOA_V
ClientSampleId :
VBLK359

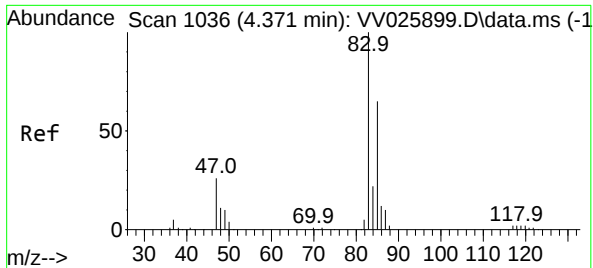
Tgt Ion: 50 Resp: 2430
Ion Ratio Lower Upper
50 100
52 34.0 23.9 44.3



#6
Bromomethane
Concen: 0.118 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.006 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

Tgt Ion: 94 Resp: 1730
Ion Ratio Lower Upper
94 100
96 81.6 65.4 121.4

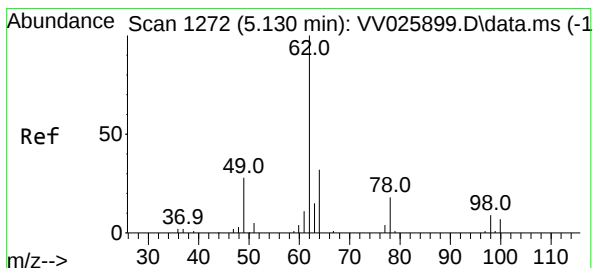
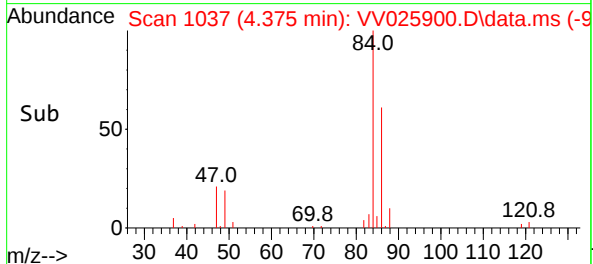
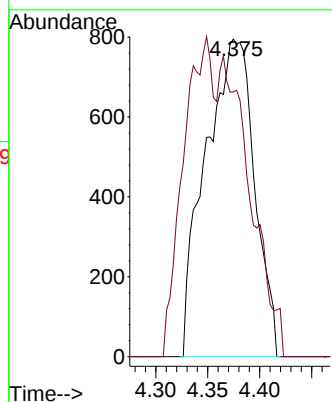
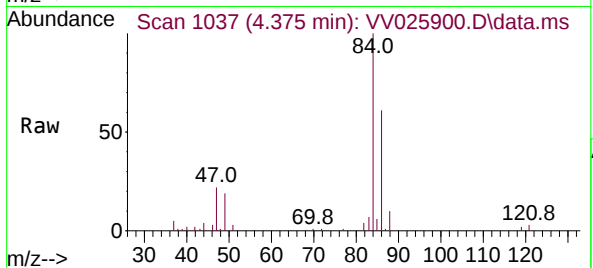




#25
Chloroform
Concen: 0.085 ug/L
RT: 4.375 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

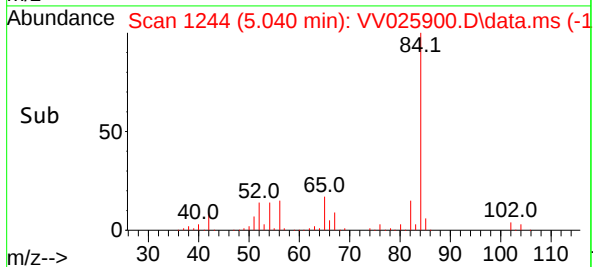
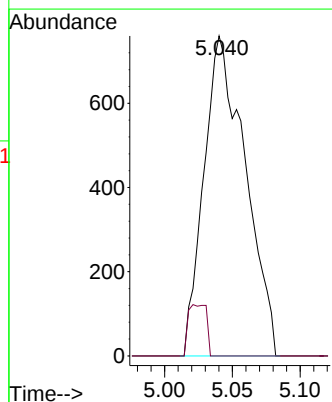
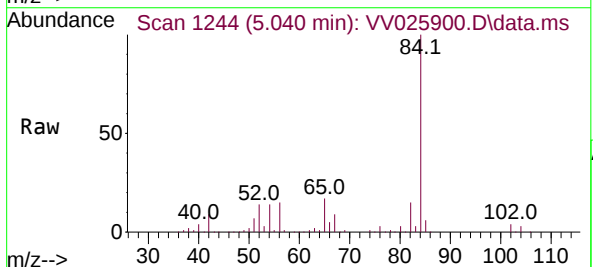
Instrument :
MSVOA_V
ClientSampleId :
VBLK359

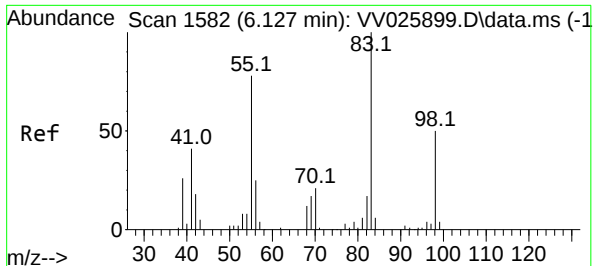
Tgt Ion: 83 Resp: 2605
Ion Ratio Lower Upper
83 100
85 83.4 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.100 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.090 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

Tgt Ion: 62 Resp: 1614
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.736 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV025900.D

Acq: 16 May 2022 10:24

Instrument :

MSVOA_V

ClientSampleId :

VBLK359

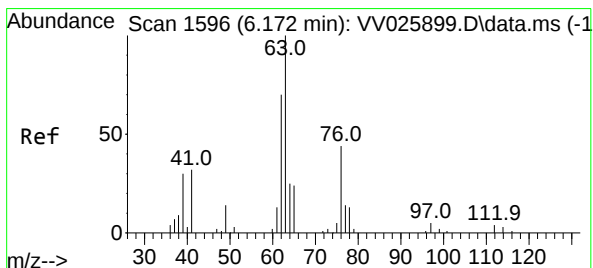
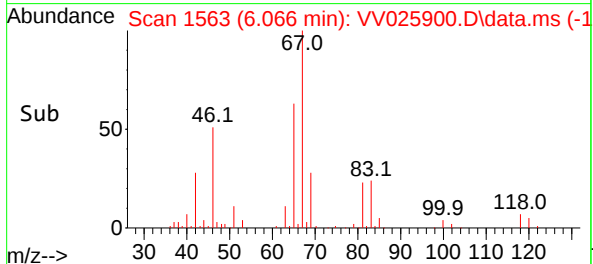
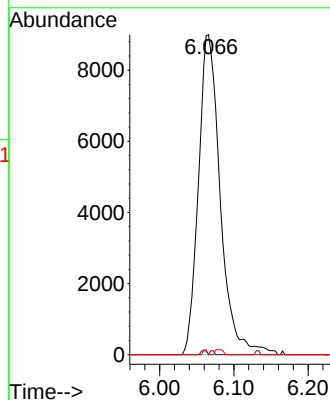
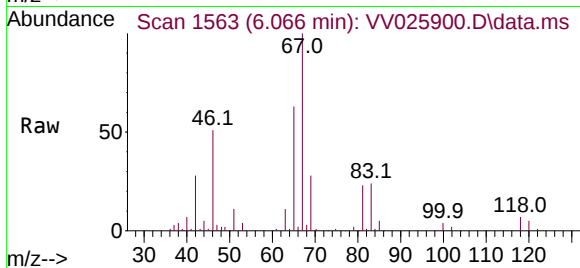
Tgt Ion: 83 Resp: 18412

Ion Ratio Lower Upper

83 100

55 0.3 60.1 90.1#

98 0.3 40.6 61.0#



#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.109 min

Lab File: VV025900.D

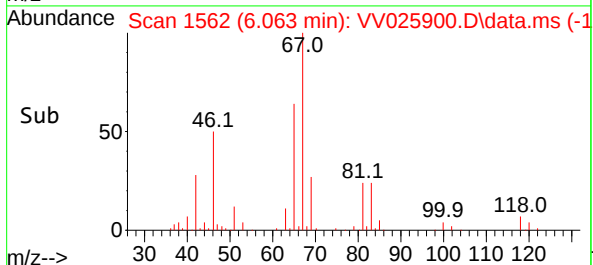
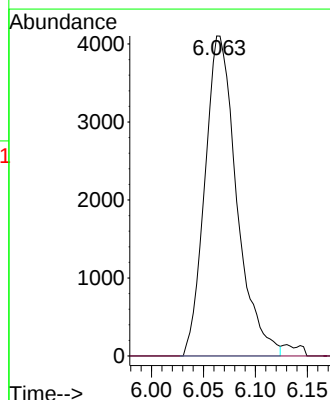
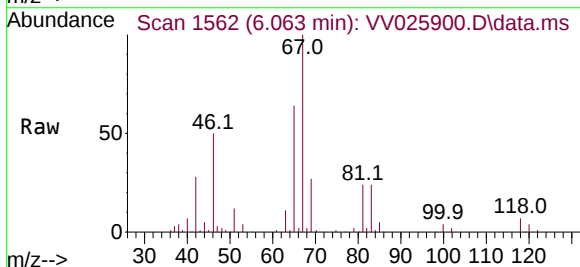
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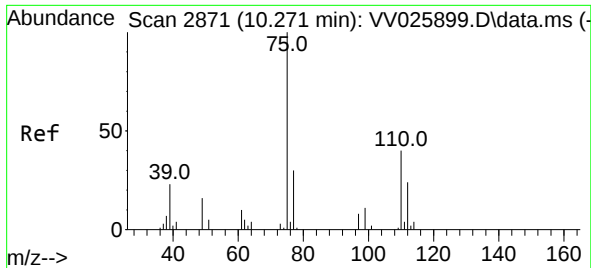
Tgt Ion: 63 Resp: 8746

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

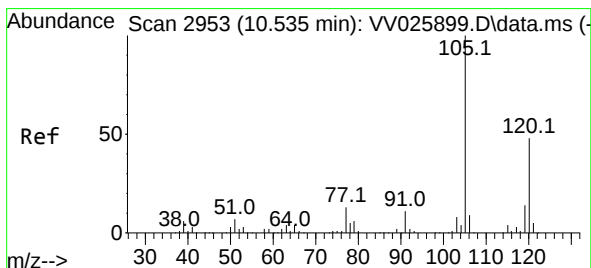
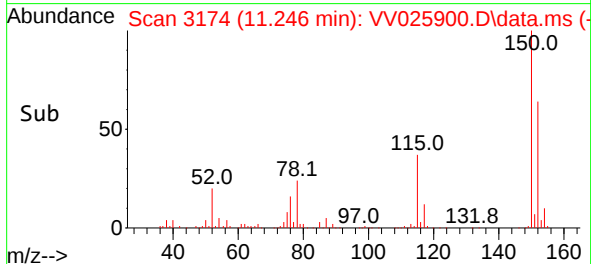
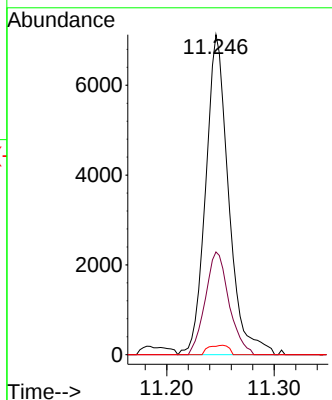
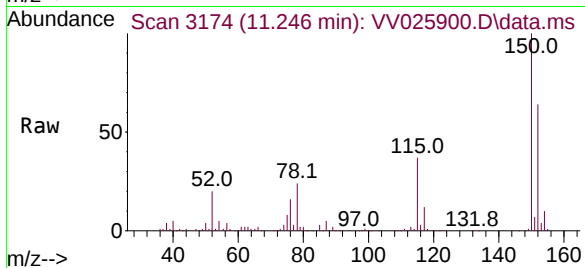




#61
 1,2,3-Trichloropropane
 Concen: 1.469 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025900.D
 Acq: 16 May 2022 10:24

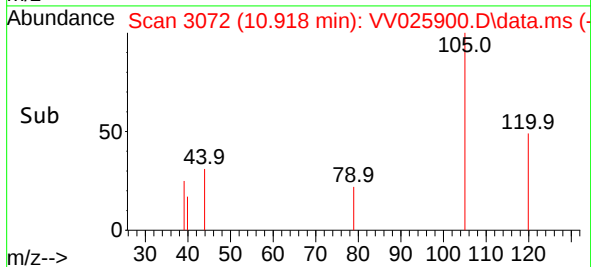
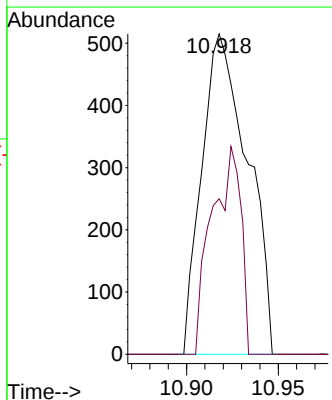
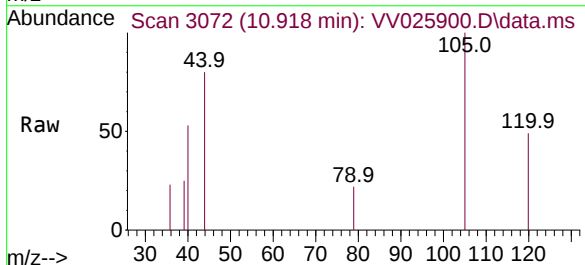
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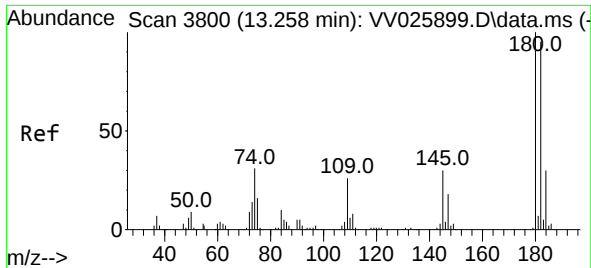
Tgt Ion: 75 Resp: 10565
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.2 39.2
 110 2.6 32.4 48.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.036 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.383 min
 Lab File: VV025900.D
 Acq: 16 May 2022 10:24

Tgt Ion: 105 Resp: 894
 Ion Ratio Lower Upper
 105 100
 120 41.3 40.4 60.6

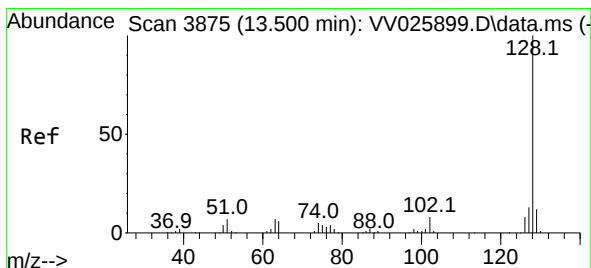
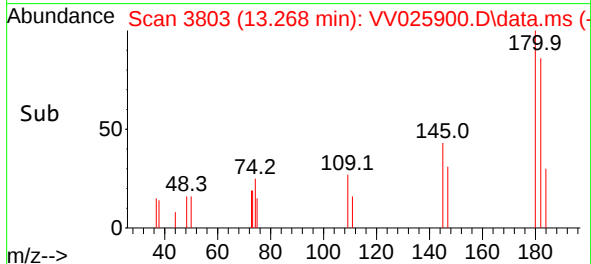
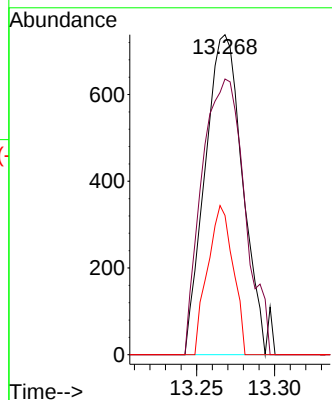
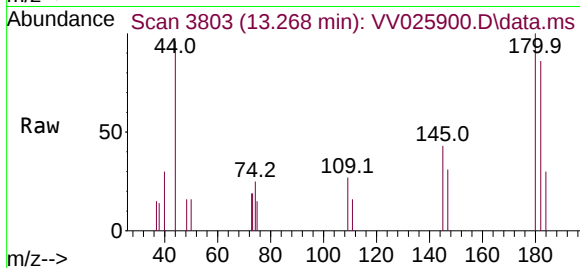




#70
1,2,4-trichlorobenzene
Concen: 0.081 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.010 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

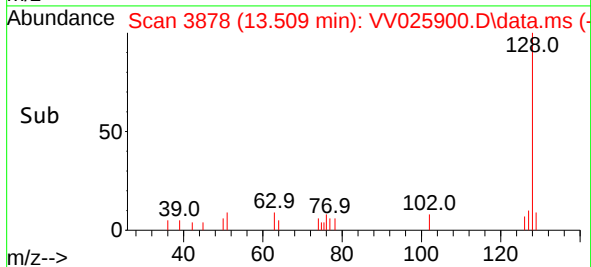
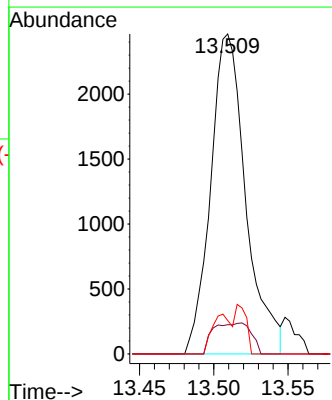
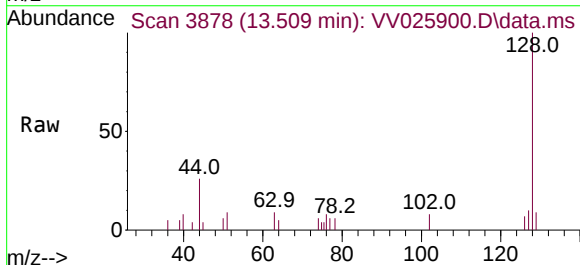
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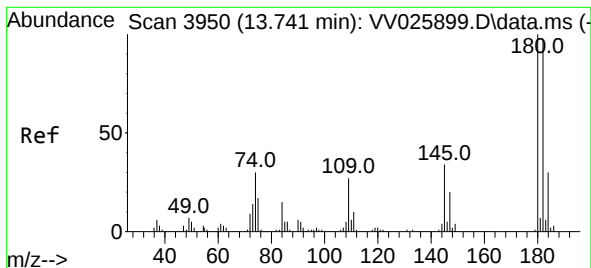
Tgt Ion:180 Resp: 1250
Ion Ratio Lower Upper
180 100
182 97.4 75.0 112.4
145 31.2 25.1 37.7



#71
Naphthalene
Concen: 0.175 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025900.D
Acq: 16 May 2022 10:24

Tgt Ion:128 Resp: 4053
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 6.8 10.4 15.6#





#72

1,2,3-Trichlorobenzene

Concen: 0.110 ug/L

RT: 13.747 min Scan# 3950

Delta R.T. 0.007 min

Lab File: VV025900.D

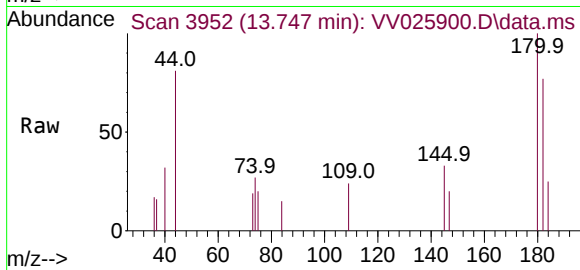
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Instrument :

MSVOA_V

ClientSampleId :

VBLK359



Tgt Ion:180 Resp: 1465

Ion Ratio Lower Upper

180 100

182 73.7 73.5 110.3

145 26.3 25.9 38.9

