

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042022\
 Data File : VV025638.D
 Acq On : 20 Apr 2022 10:17
 Operator : SY/MD
 Sample : VV0420WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348

Quant Time: Apr 21 06:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

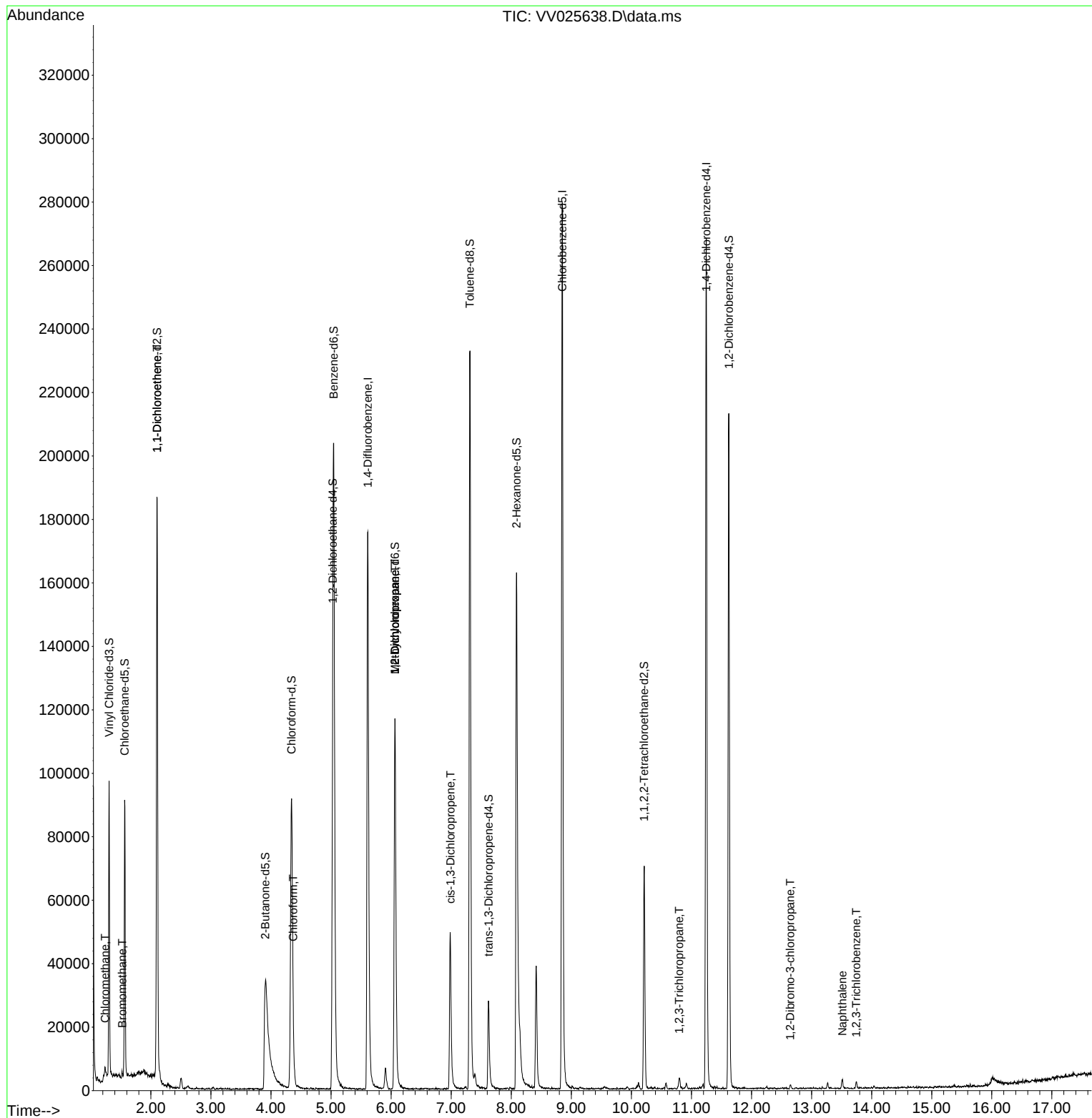
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	154578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57242	3.983	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.565	69	53622	3.507	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.200%	
11) 1,1-Dichloroethene-d2	2.102	63	99002	3.439	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.905	46	78514	44.913	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.820%	
24) Chloroform-d	4.343	84	95380	4.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.027	65	46093	4.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.044	84	186062	4.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.063	67	57371	4.600	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.310	98	157714	3.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	7.622	79	16953	4.044	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.088	63	61002	41.461	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32877	4.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52602	4.575	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1637	0.108	ug/L	93
6) Bromomethane	1.523	94	880	0.071	ug/L	91
12) 1,1-Dichloroethene	2.102	96	1104	0.082	ug/L #	1
25) Chloroform	4.368	83	1615	0.080	ug/L #	68
35) Methylcyclohexane	6.063	83	13869	0.717	ug/L #	22
37) 1,2-Dichloropropane	6.063	63	6473	0.613	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1418	0.102	ug/L	84
61) 1,2,3-Trichloropropane	10.796	75	264	0.058	ug/L #	37
68) 1,2-Dibromo-3-chloropr...	12.645	75	101	0.129	ug/L #	2
71) Naphthalene	13.513	128	2564	0.150	ug/L	95
72) 1,2,3-Trichlorobenzene	13.744	180	838	0.087	ug/L #	84

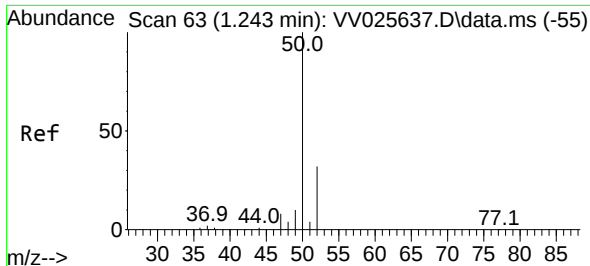
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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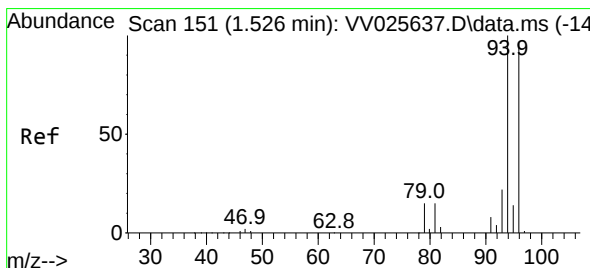
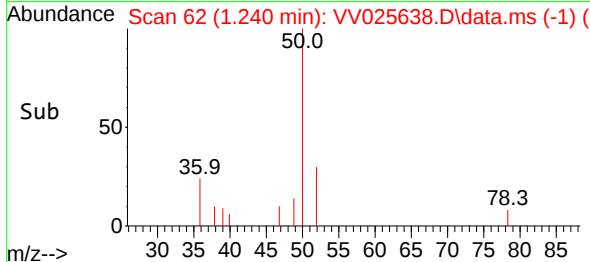
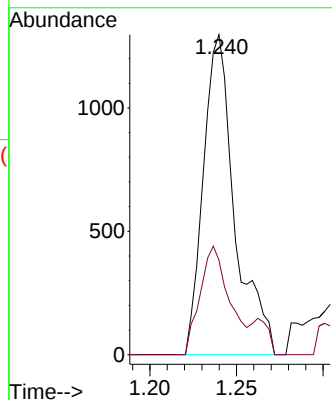
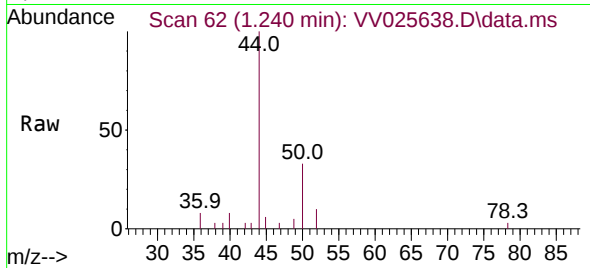




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

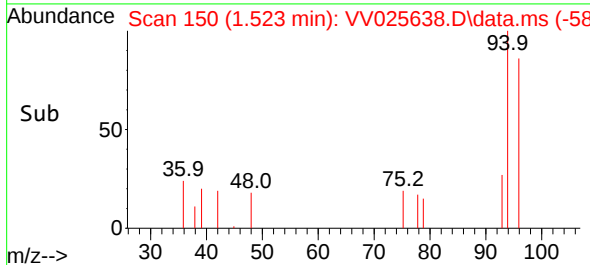
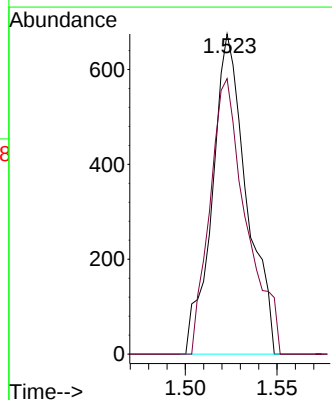
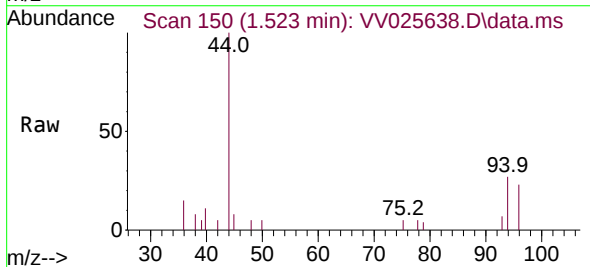
Instrument :
MSVOA_V
ClientSampleId :
VBLK348

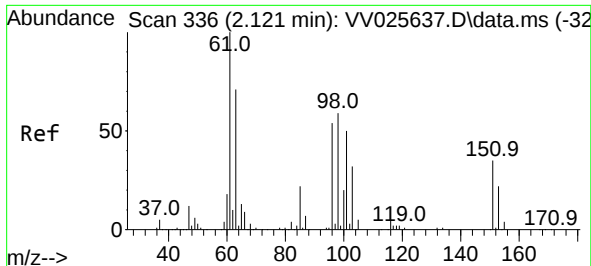
Tgt Ion: 50 Resp: 1637
Ion Ratio Lower Upper
50 100
52 29.5 23.7 43.9



#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.003 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

Tgt Ion: 94 Resp: 880
Ion Ratio Lower Upper
94 100
96 86.1 66.1 122.7





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.102 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV025638.D

Acq: 20 Apr 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

VBLK348

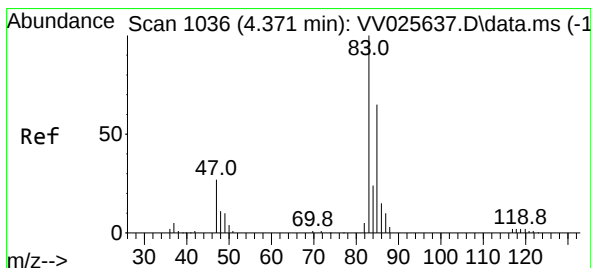
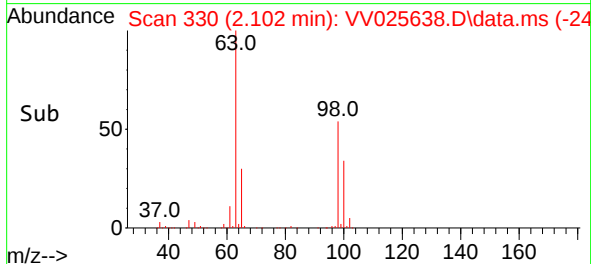
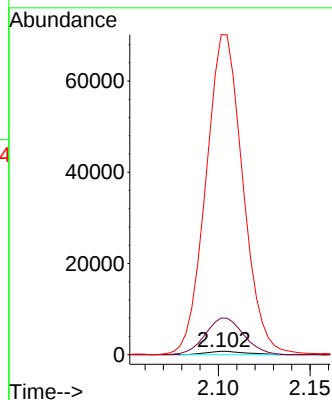
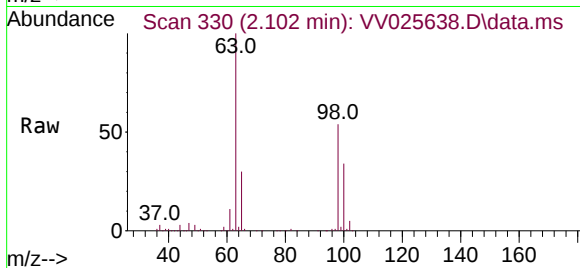
Tgt Ion: 96 Resp: 1104

Ion Ratio Lower Upper

96 100

61 1098.2 125.2 232.4#

63 9597.8 114.4 212.4#



#25

Chloroform

Concen: 0.080 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV025638.D

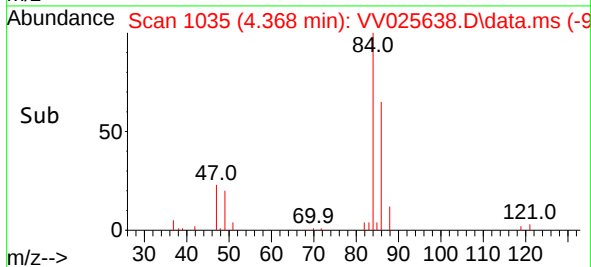
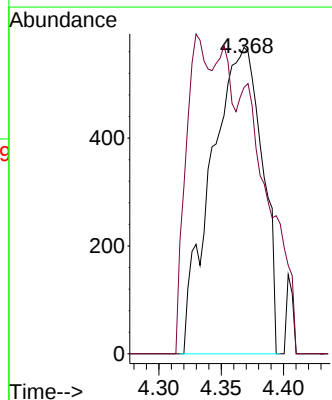
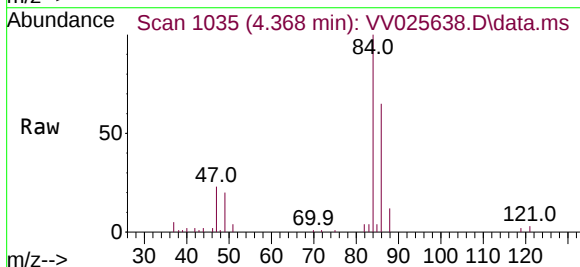
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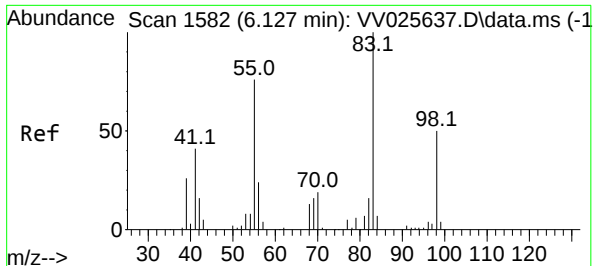
Tgt Ion: 83 Resp: 1615

Ion Ratio Lower Upper

83 100

85 87.0 43.5 80.7#

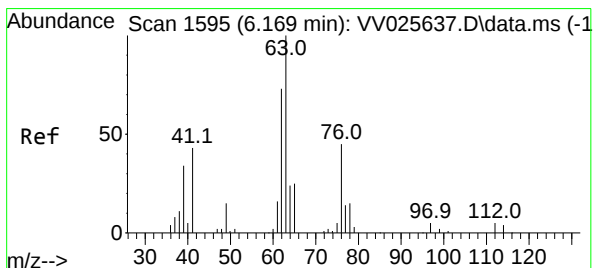
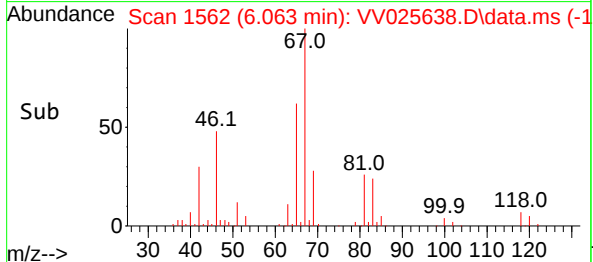
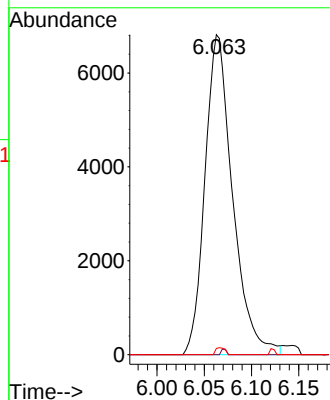
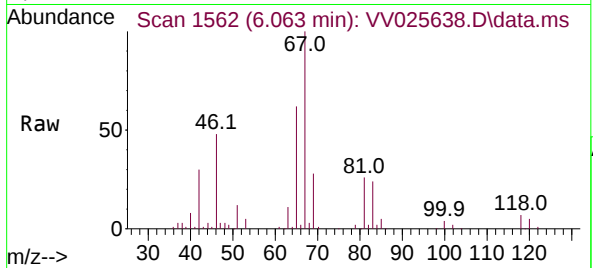




#35
Methylcyclohexane
Concen: 0.717 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

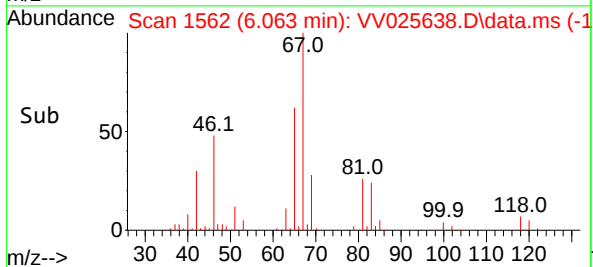
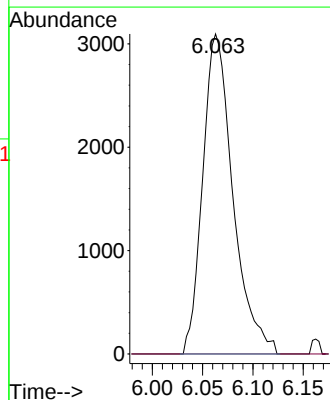
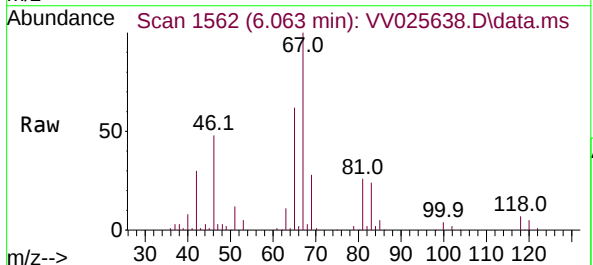
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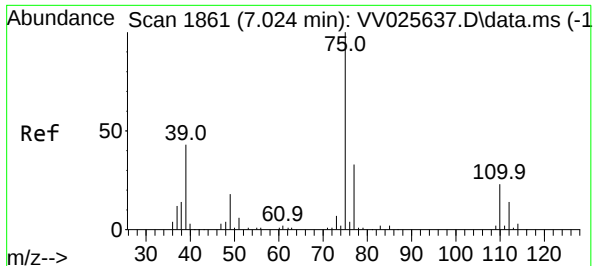
Tgt Ion: 83 Resp: 13869
Ion Ratio Lower Upper
83 100
55 0.3 53.7 80.5#
98 0.7 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.106 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

Tgt Ion: 63 Resp: 6473
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025638.D

Acq: 20 Apr 2022 10:17

Instrument :

MSVOA_V

ClientSampleId :

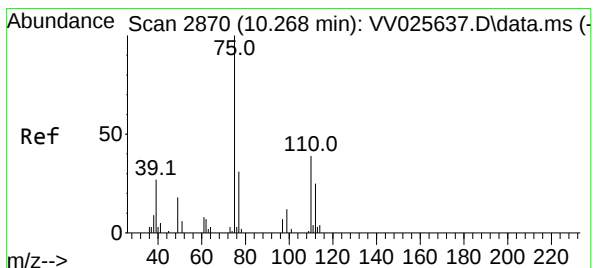
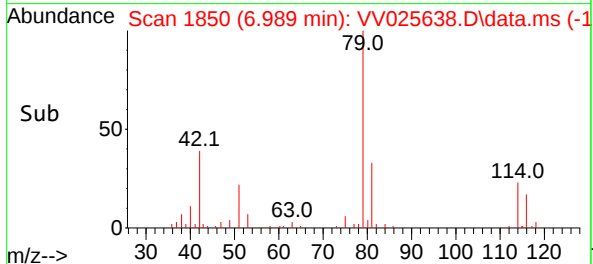
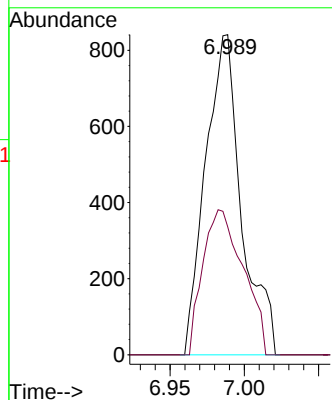
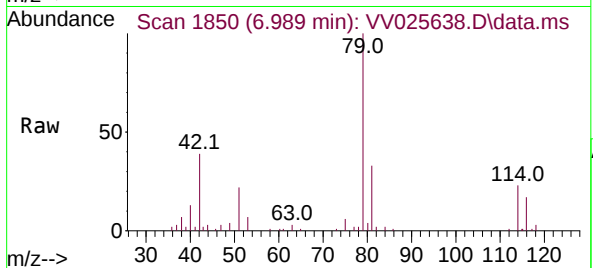
VBLK348

Tgt Ion: 75 Resp: 1418

Ion Ratio Lower Upper

75 100

77 40.0 21.8 40.6



#61

1,2,3-Trichloropropane

Concen: 0.058 ug/L

RT: 10.796 min Scan# 3034

Delta R.T. 0.527 min

Lab File: VV025638.D

Acq: 20 Apr 2022 10:17

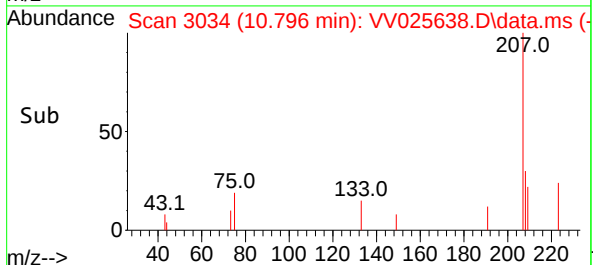
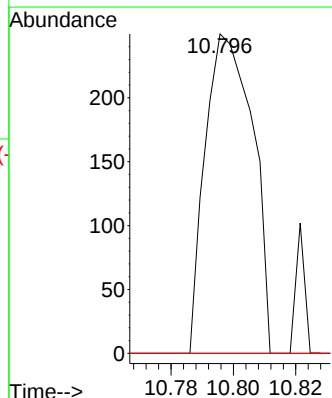
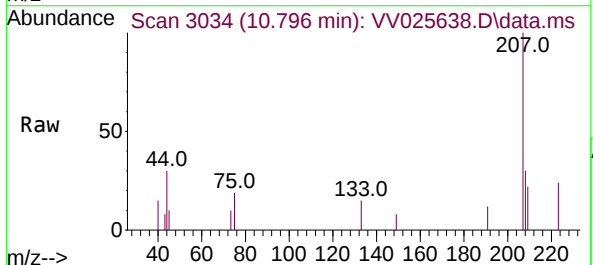
Tgt Ion: 75 Resp: 264

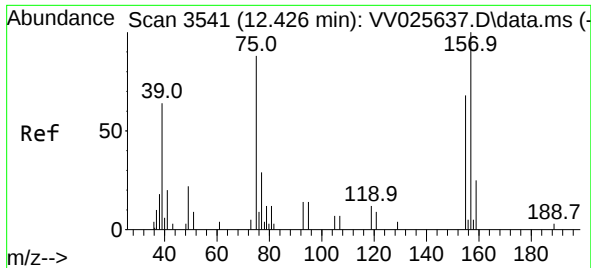
Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

110 0.0 34.7 52.1#

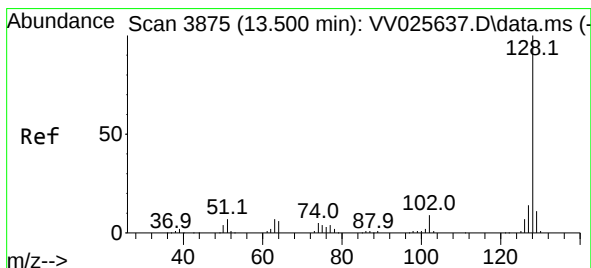
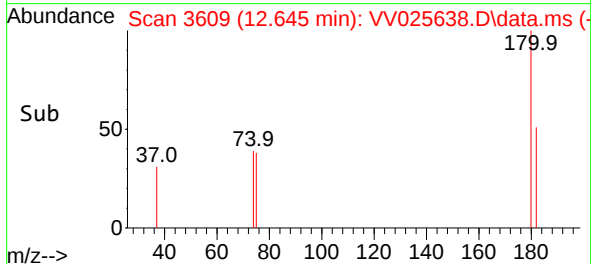
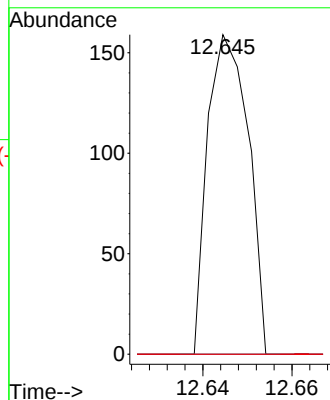
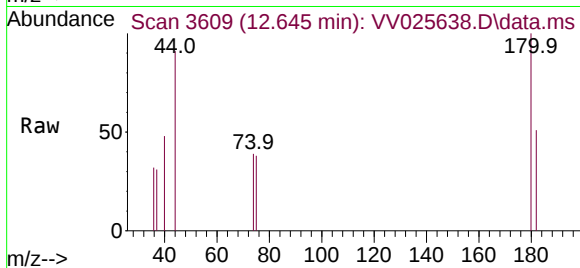




#68
1,2-Dibromo-3-chloropropane
Concen: 0.129 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. 0.219 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

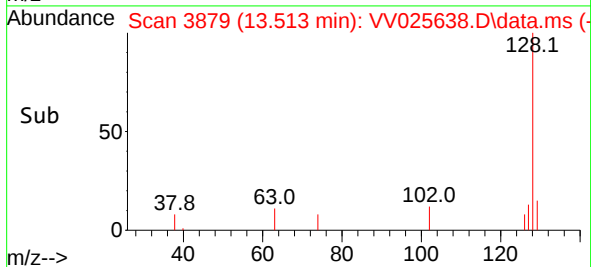
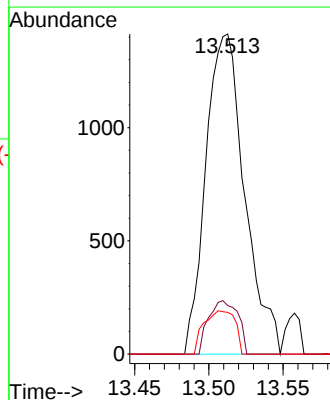
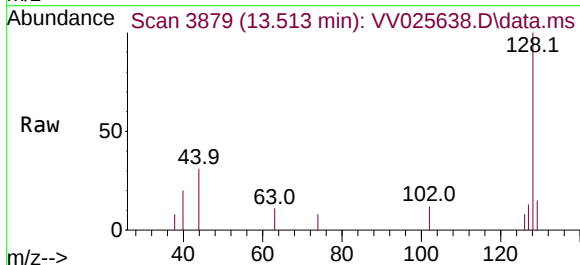
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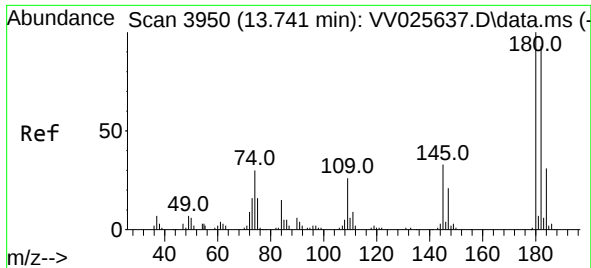
Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#



#71
Naphthalene
Concen: 0.150 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025638.D
Acq: 20 Apr 2022 10:17

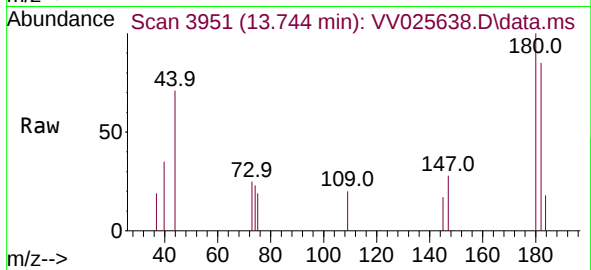
Tgt Ion: 128 Resp: 2564
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 10.8 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.087 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV025638.D
 Acq: 20 Apr 2022 10:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK348



Tgt Ion:180 Resp: 838
 Ion Ratio Lower Upper
 180 100
 182 89.7 77.7 116.5
 145 10.9 27.4 41.2#

