

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025561.D
 Acq On : 15 Apr 2022 12:36
 Operator : SY/MD
 Sample : N2373-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Apr 16 02:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

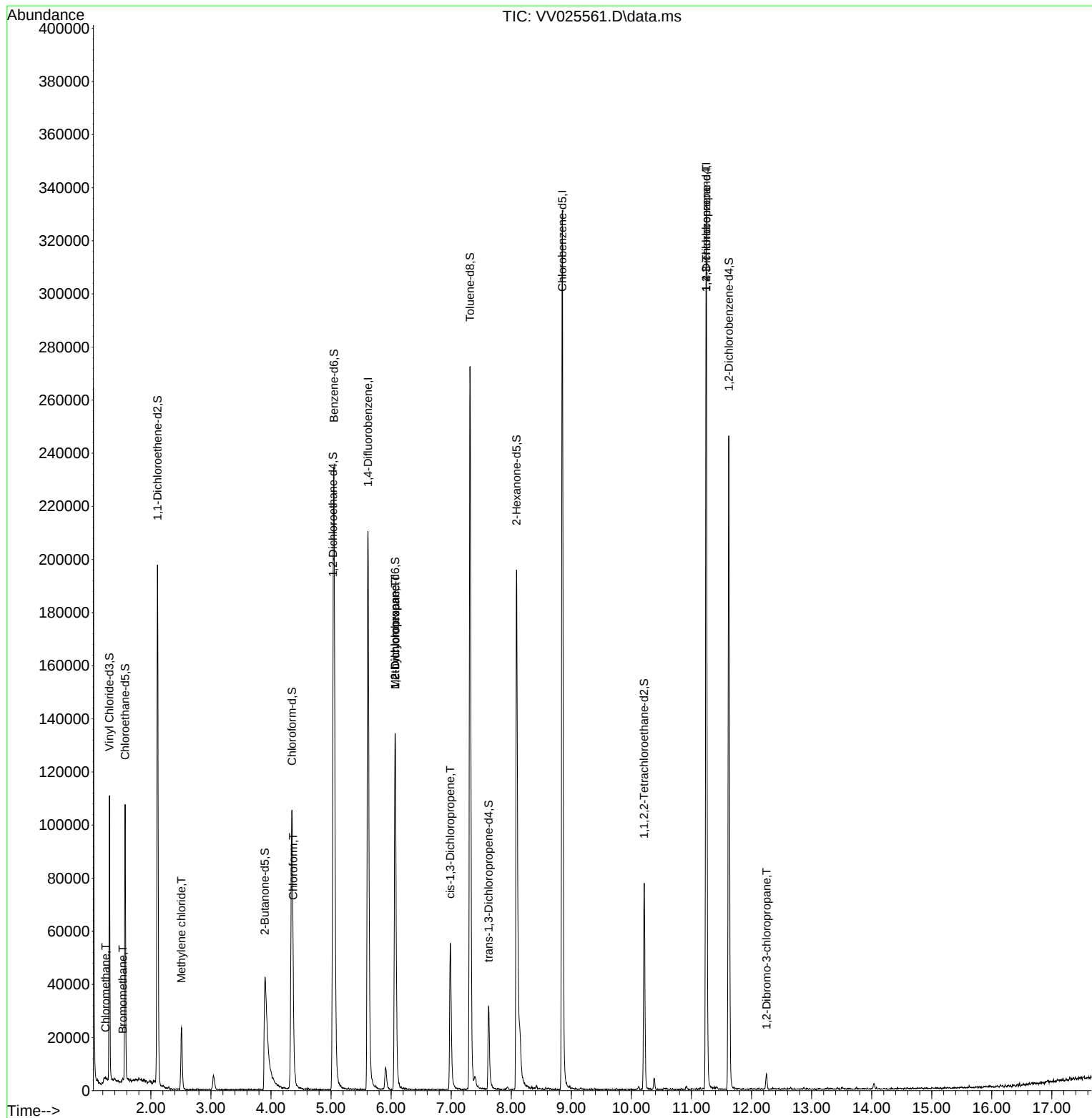
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	185262	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	182296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	65097	3.779	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.571	69	64326	3.511	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.200%	
11) 1,1-Dichloroethene-d2	2.111	63	105943	3.070	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.400%	
20) 2-Butanone-d5	3.899	46	98420	46.976	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.960%	
24) Chloroform-d	4.349	84	110167	4.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.034	65	51287	4.573	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.047	84	217132	4.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.066	67	65852	4.477	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.313	98	183575	3.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.000%	
43) trans-1,3-Dichloroprop...	7.622	79	18238	3.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.088	63	69470	40.034	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.060%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38191	4.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61408	4.323	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	681	0.037	ug/L #	62
6) Bromomethane	1.532	94	681	0.046	ug/L	81
16) Methylene chloride	2.510	84	10281	0.660	ug/L	96
25) Chloroform	4.368	83	2396	0.100	ug/L #	74
35) Methylcyclohexane	6.066	83	16492	0.723	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	7747	0.622	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1569	0.096	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	10541	1.889	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.249	75	171	0.177	ug/L #	2

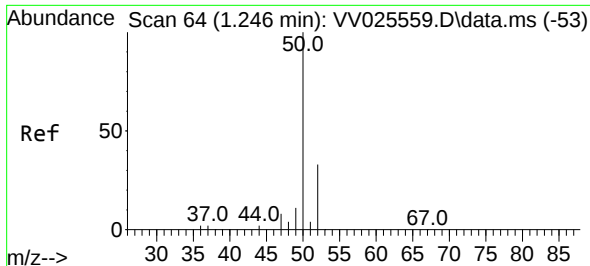
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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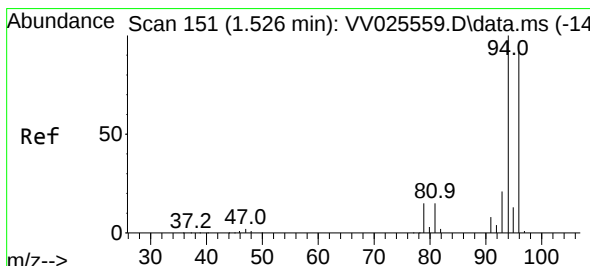
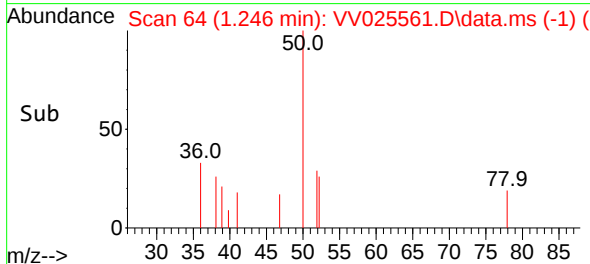
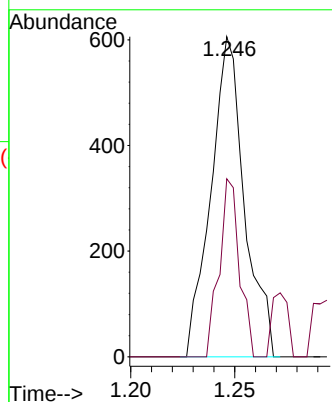
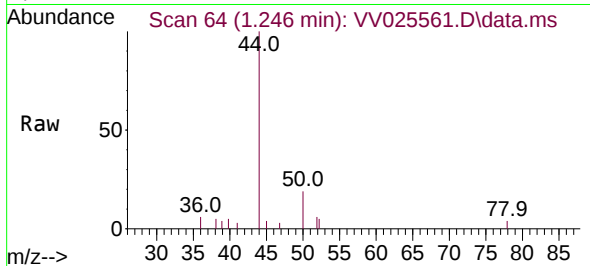




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025561.D
Acq: 15 Apr 2022 12:36

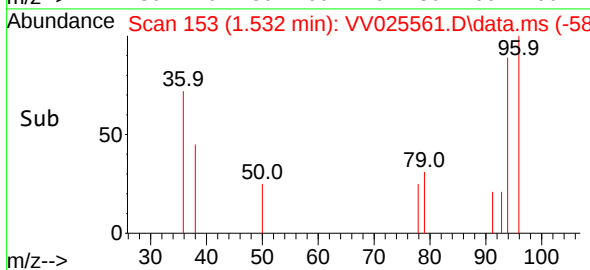
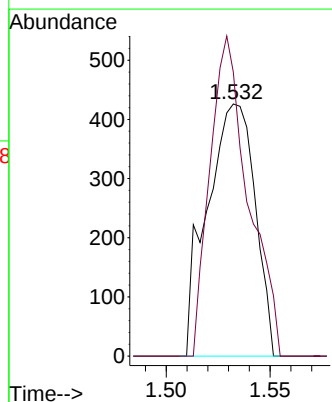
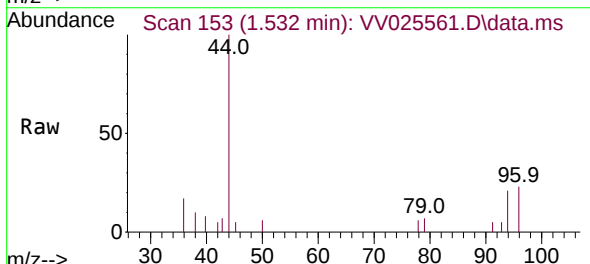
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

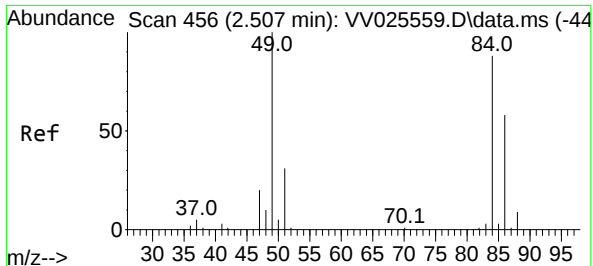
Tgt Ion: 50 Resp: 681
Ion Ratio Lower Upper
50 100
52 55.6 23.7 43.9#



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.006 min
Lab File: VV025561.D
Acq: 15 Apr 2022 12:36

Tgt Ion: 94 Resp: 681
Ion Ratio Lower Upper
94 100
96 112.7 66.1 122.7

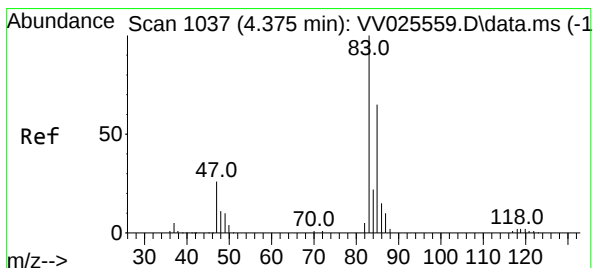
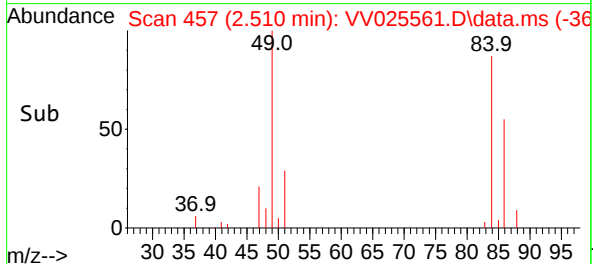
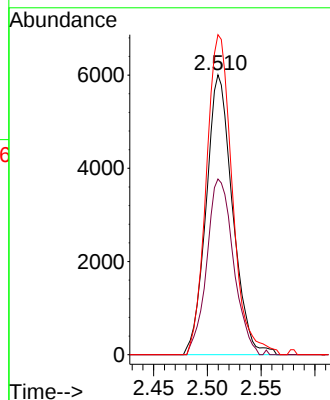
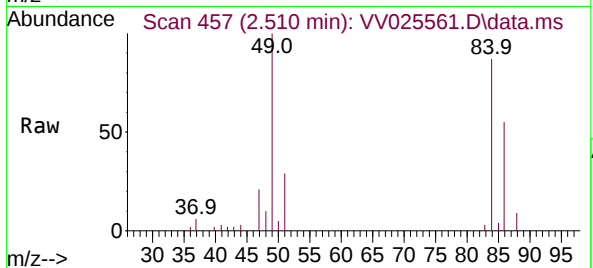




#16
Methylene chloride
Concen: 0.660 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025561.D
Acq: 15 Apr 2022 12:36

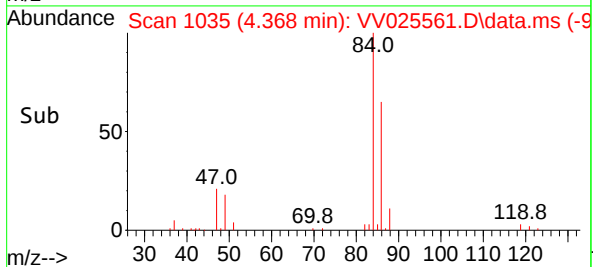
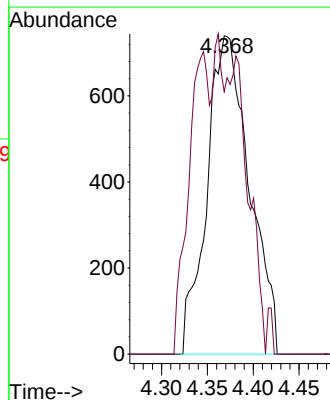
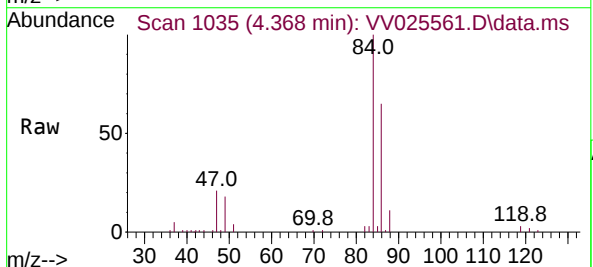
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

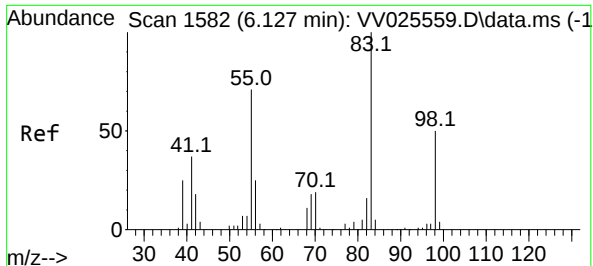
Tgt Ion: 84 Resp: 10281
Ion Ratio Lower Upper
84 100
86 62.8 45.9 85.3
49 114.4 76.6 142.3



#25
Chloroform
Concen: 0.100 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV025561.D
Acq: 15 Apr 2022 12:36

Tgt Ion: 83 Resp: 2396
Ion Ratio Lower Upper
83 100
85 82.4 43.5 80.7#





#35

Methylcyclohexane

Concen: 0.723 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025561.D

Acq: 15 Apr 2022 12:36

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

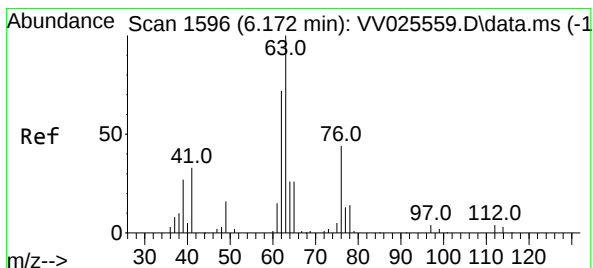
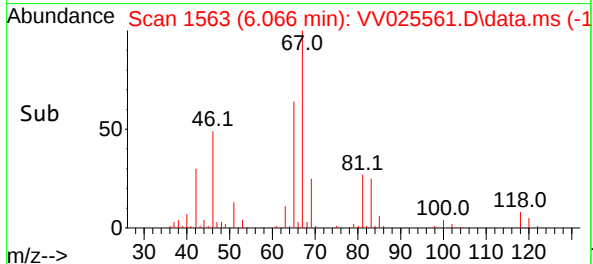
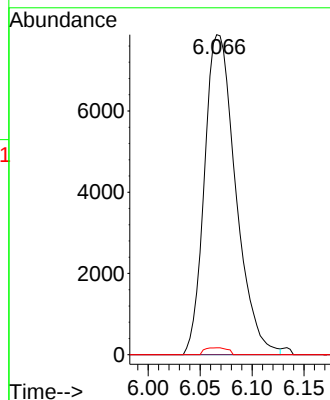
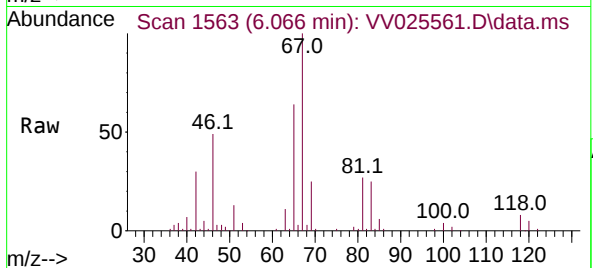
Tgt Ion: 83 Resp: 16492

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 1.6 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV025561.D

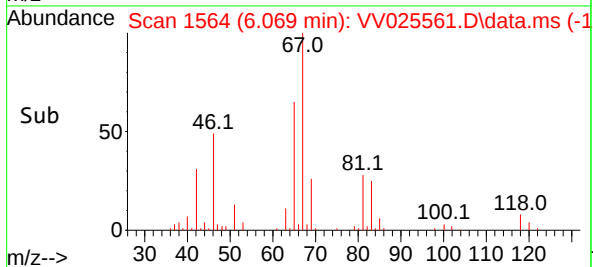
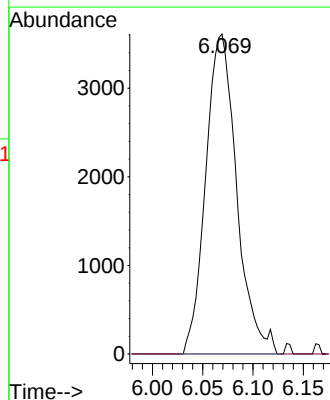
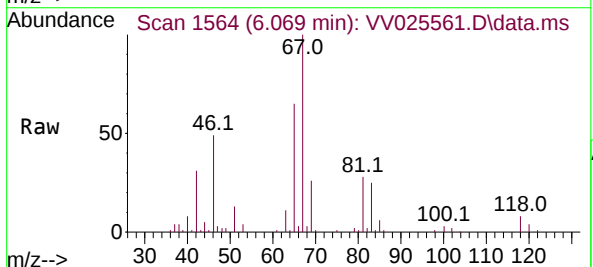
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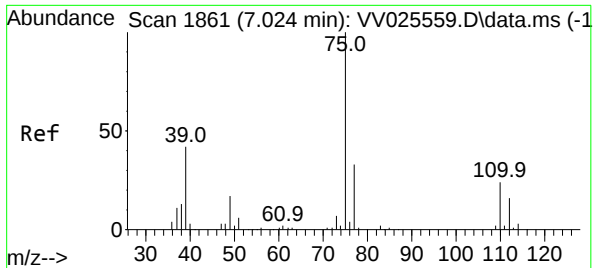
Tgt Ion: 63 Resp: 7747

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025561.D

Acq: 15 Apr 2022 12:36

Instrument :

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ClientSampleId :

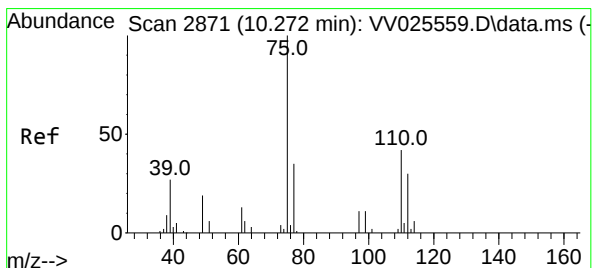
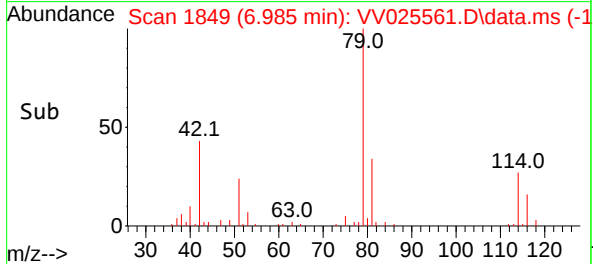
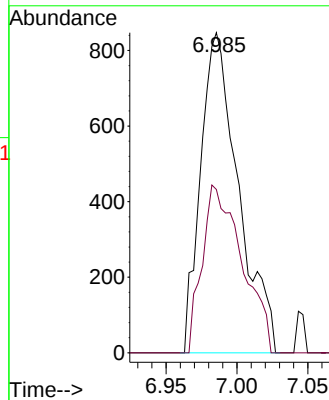
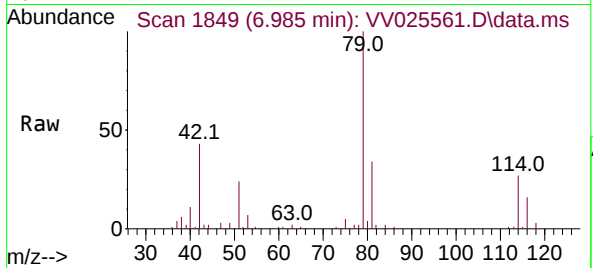
VHBLK001

Tgt Ion: 75 Resp: 1569

Ion Ratio Lower Upper

75 100

77 51.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.889 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025561.D

Acq: 15 Apr 2022 12:36

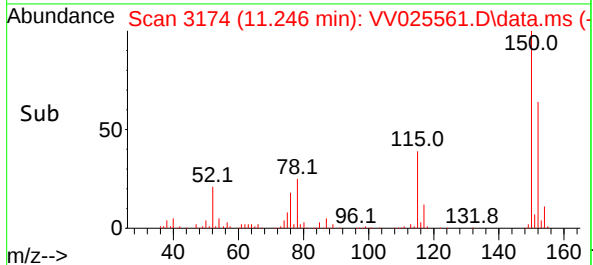
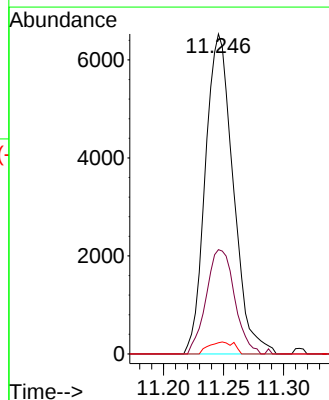
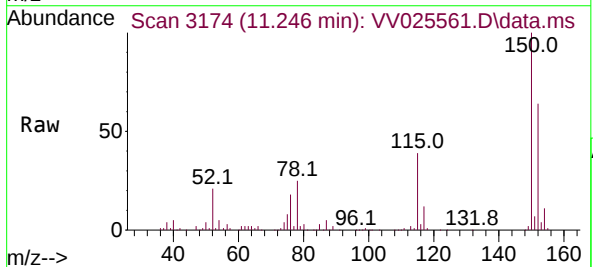
Tgt Ion: 75 Resp: 10541

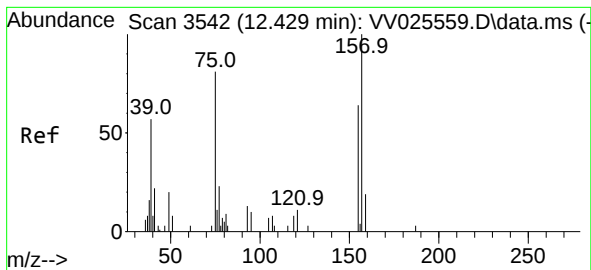
Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4

110 3.4 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.177 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV025561.D
 Acq: 15 Apr 2022 12:36

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Tgt Ion: 75 Resp: 171
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

