

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026452.D
 Acq On : 20 Jun 2022 17:49
 Operator : SY/MD
 Sample : N3256-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK002

Quant Time: Jun 21 05:38:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

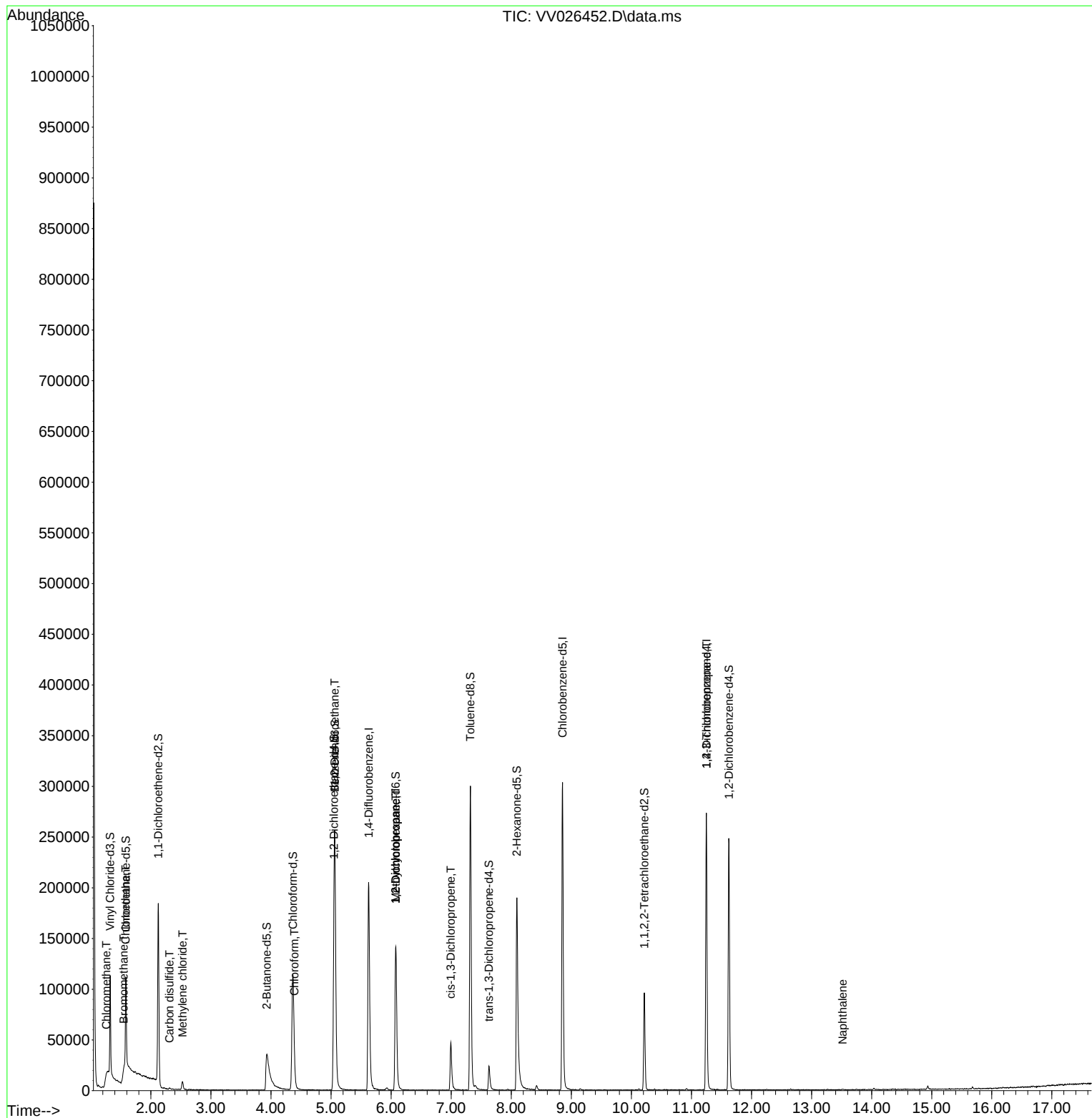
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	183497	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	175675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	63090	3.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.584	69	55804	4.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.124	63	94178	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.931	46	87225	56.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.180%
24) Chloroform-d	4.365	84	125402	5.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.047	65	51969	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.063	84	245709	5.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.075	67	74400	5.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.320	98	204390	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.628	79	15580	3.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.091	63	68924	51.333	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47826	5.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	65352	5.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	857	0.056	ug/L	85
6) Bromomethane	1.548	94	883	0.100	ug/L	77
8) Chloroethane	1.580	64	100055	10.175	ug/L #	47
14) Carbon disulfide	2.310	76	1853	0.065	ug/L #	90
16) Methylene chloride	2.529	84	3442	0.233	ug/L	95
25) Chloroform	4.387	83	2621	0.113	ug/L	93
27) 1,2-Dichloroethane	5.059	62	1158	0.109	ug/L #	71
35) Methylcyclohexane	6.079	83	18263	1.074	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	7546	0.641	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1119	0.083	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	8565	1.765	ug/L #	66
71) Naphthalene	13.516	128	857	0.059	ug/L #	69

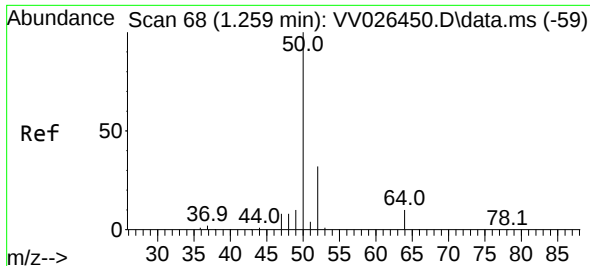
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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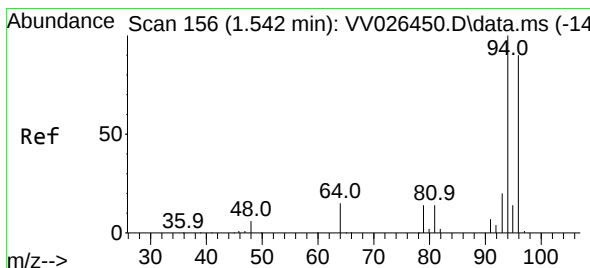
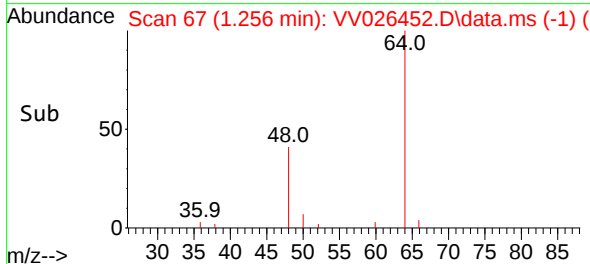
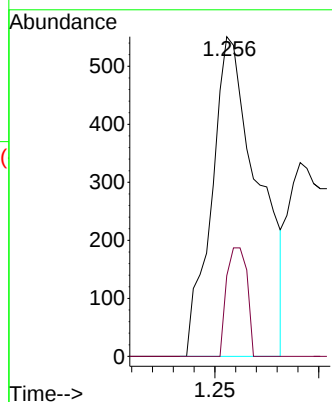
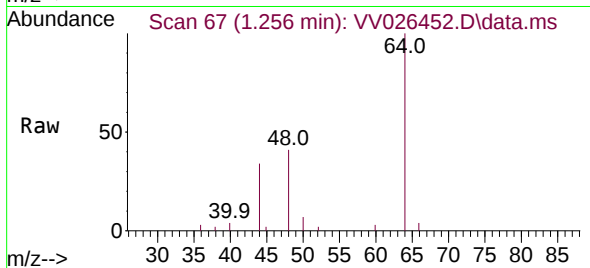




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

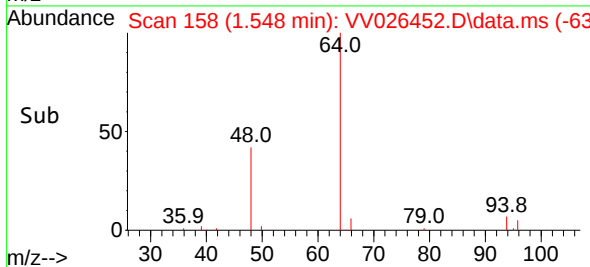
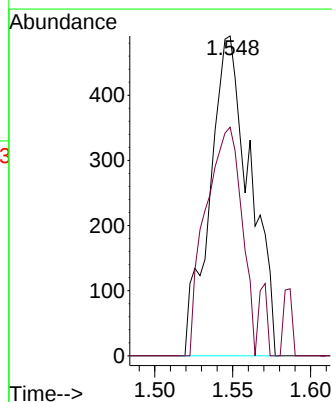
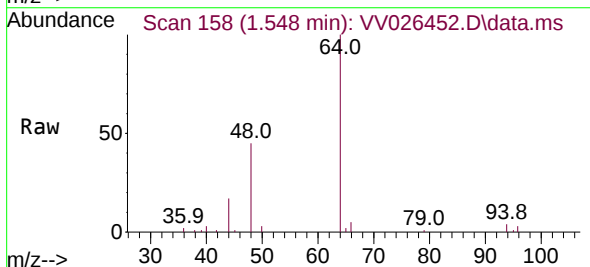
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

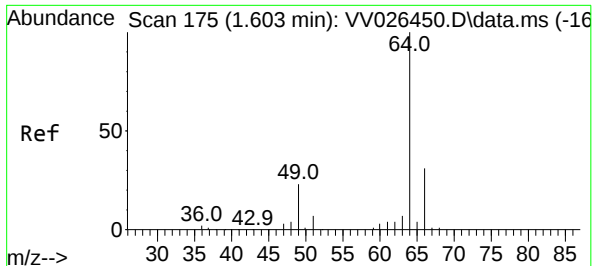
Tgt Ion: 50 Resp: 857
Ion Ratio Lower Upper
50 100
52 25.2 23.7 44.1



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.006 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

Tgt Ion: 94 Resp: 883
Ion Ratio Lower Upper
94 100
96 71.5 65.7 121.9

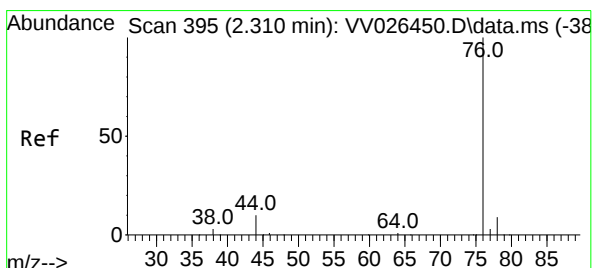
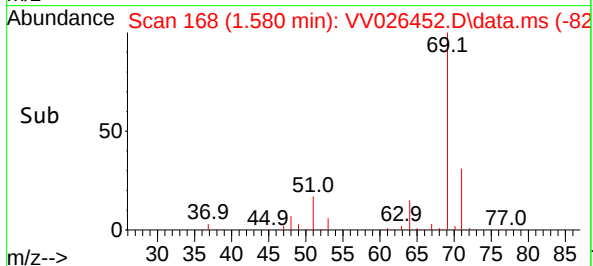
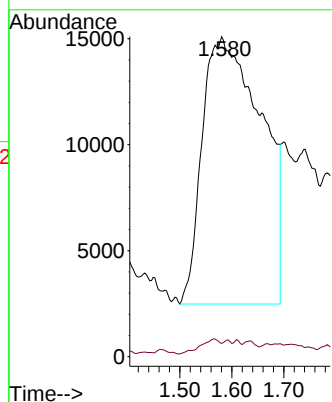
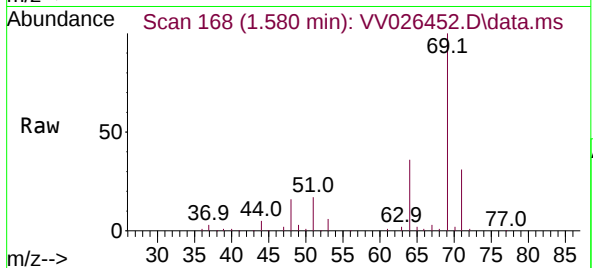




#8
Chloroethane
Concen: 10.175 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.023 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

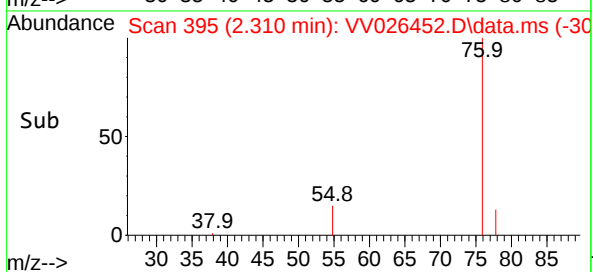
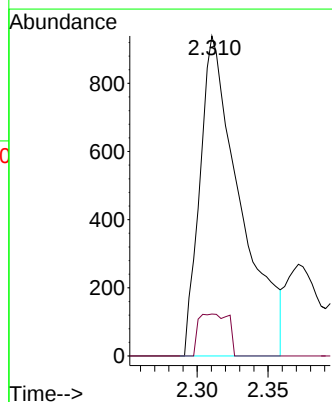
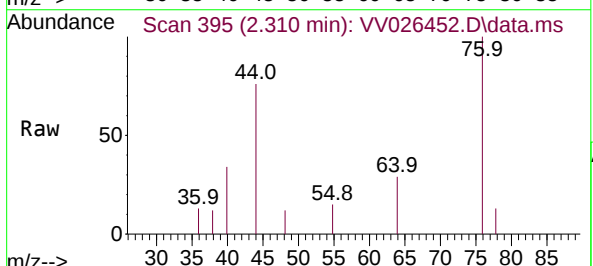
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

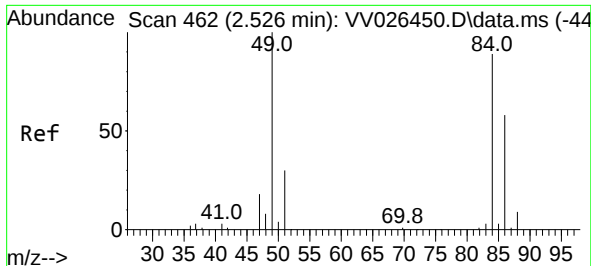
Tgt Ion: 64 Resp: 100055
Ion Ratio Lower Upper
64 100
66 4.1 24.1 44.7#



#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.310 min Scan# 395
Delta R.T. -0.000 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

Tgt Ion: 76 Resp: 1853
Ion Ratio Lower Upper
76 100
78 13.1 7.7 11.5#

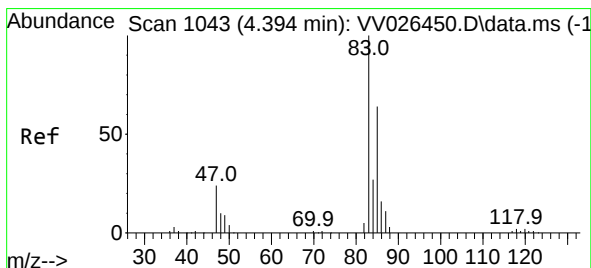
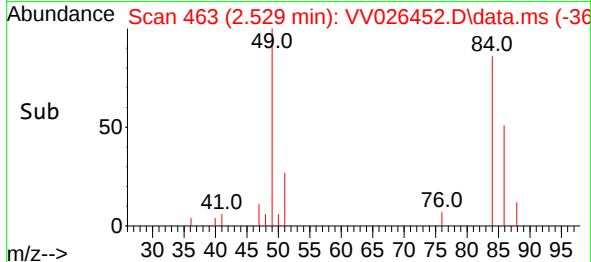
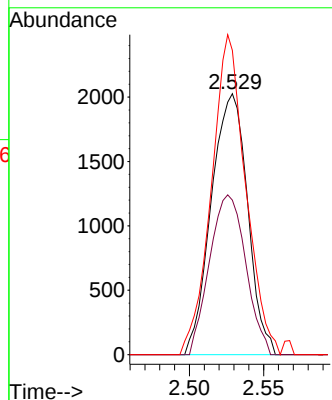
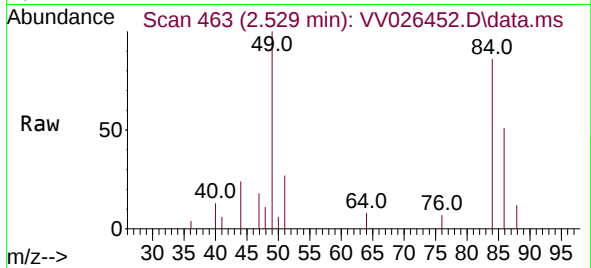




#16
Methylene chloride
Concen: 0.233 ug/L
RT: 2.529 min Scan# 4
Delta R.T. 0.003 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

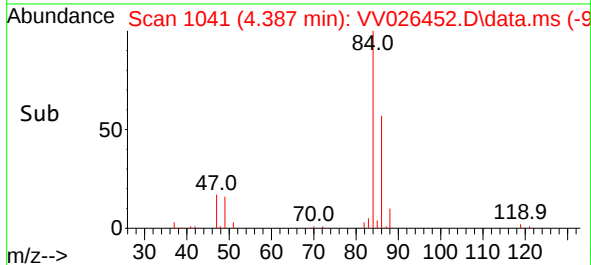
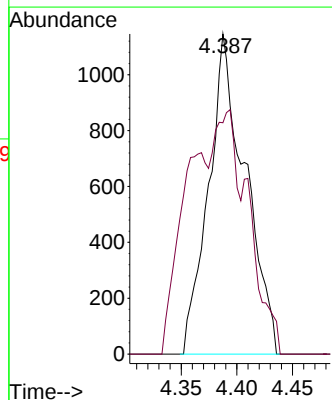
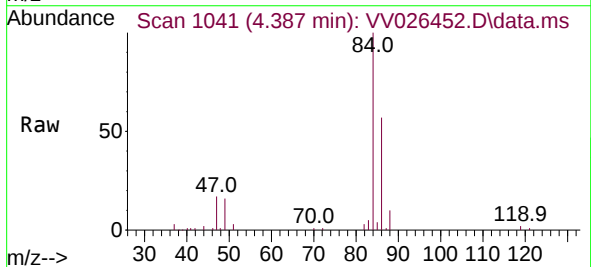
Instrument :
MSVOA_V
ClientSampleId :
VHBLK002

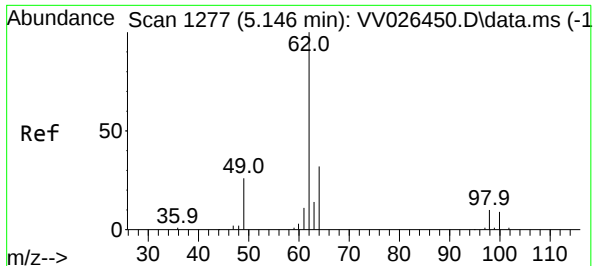
Tgt Ion: 84 Resp: 3442
Ion Ratio Lower Upper
84 100
86 59.2 44.0 81.8
49 116.6 77.3 143.7



#25
Chloroform
Concen: 0.113 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. -0.007 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

Tgt Ion: 83 Resp: 2621
Ion Ratio Lower Upper
83 100
85 72.3 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.109 ug/L

RT: 5.059 min Scan# 1158

Delta R.T. -0.087 min

Lab File: VV026452.D

Acq: 20 Jun 2022 17:49

Instrument :

MSVOA_V

ClientSampleId :

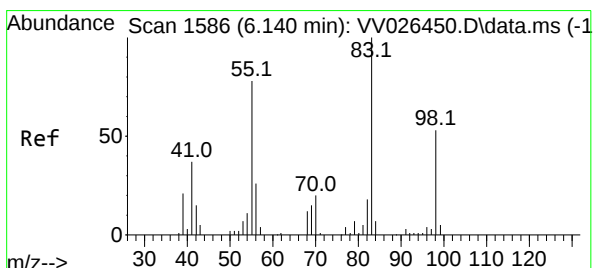
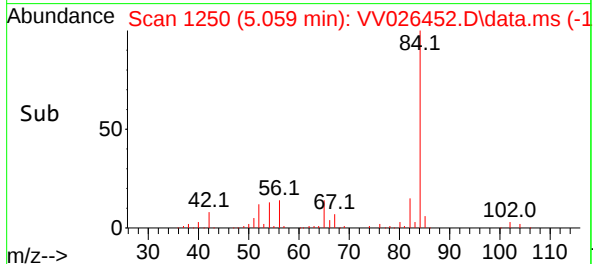
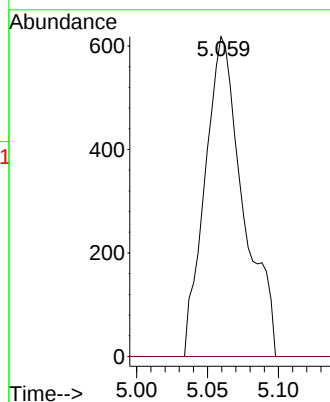
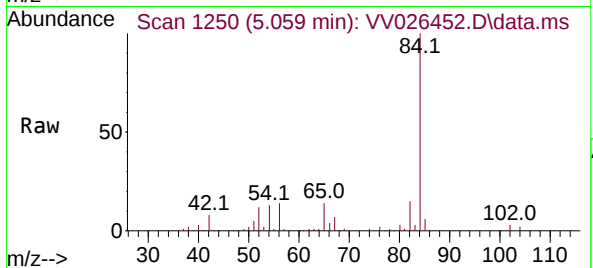
VHBLK002

Tgt Ion: 62 Resp: 1158

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.074 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.061 min

Lab File: VV026452.D

Acq: 20 Jun 2022 17:49

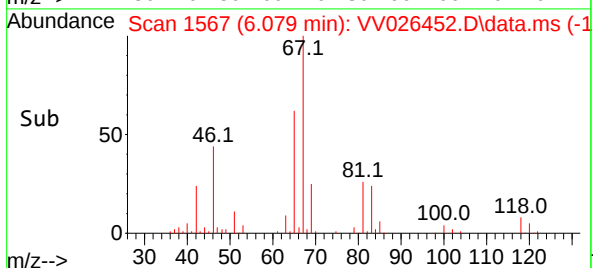
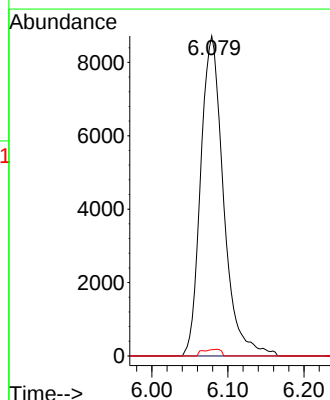
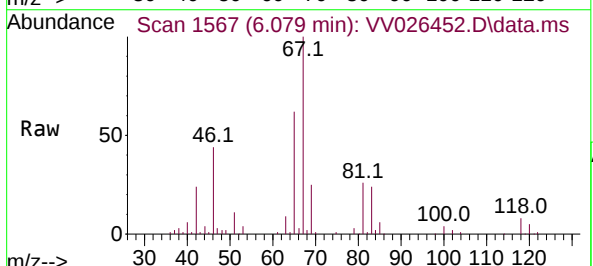
Tgt Ion: 83 Resp: 18263

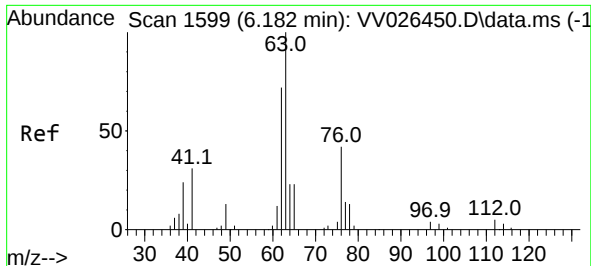
Ion Ratio Lower Upper

83 100

55 0.1 59.3 88.9#

98 1.6 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026452.D

Acq: 20 Jun 2022 17:49

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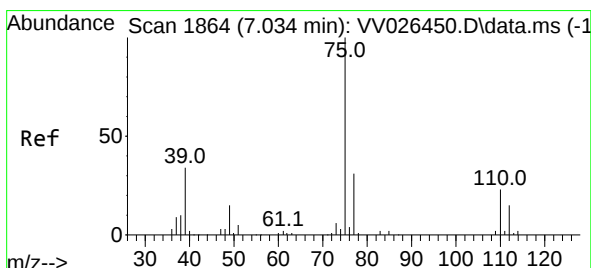
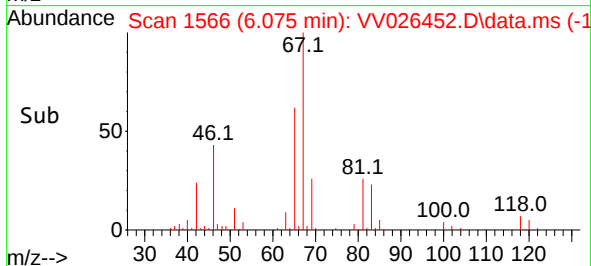
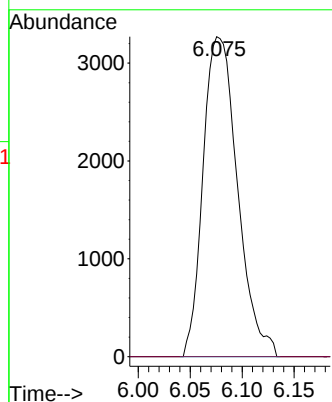
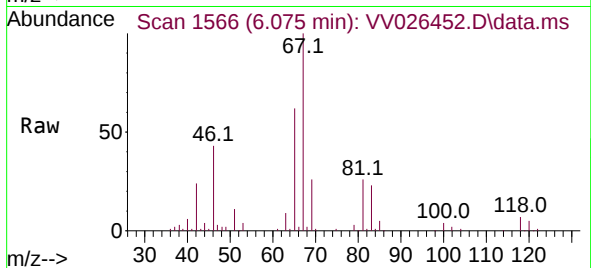
VHBLK002

Tgt Ion: 63 Resp: 7546

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.042 min

Lab File: VV026452.D

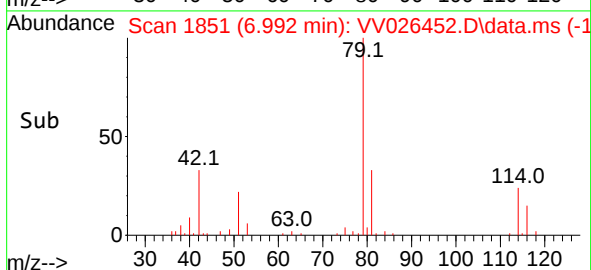
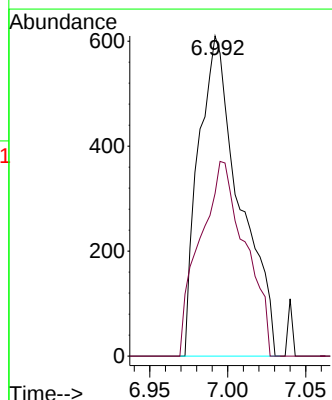
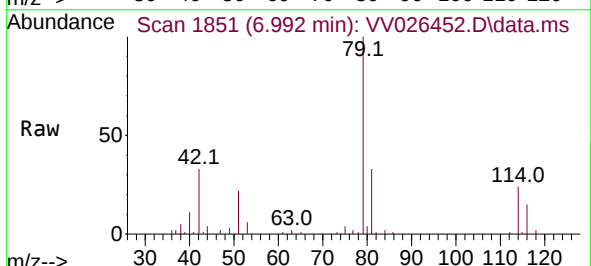
Acq: 20 Jun 2022 17:49

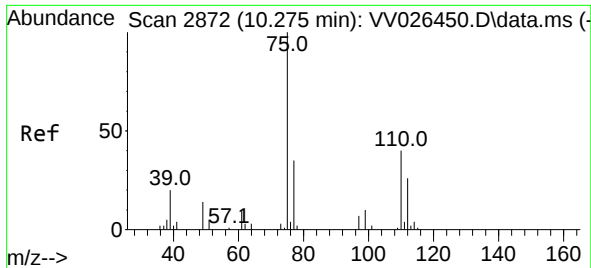
Tgt Ion: 75 Resp: 1119

Ion Ratio Lower Upper

75 100

77 50.8 23.0 42.6#

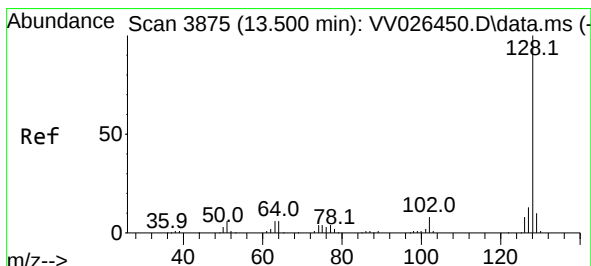
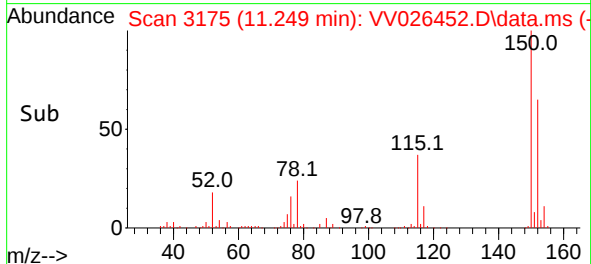
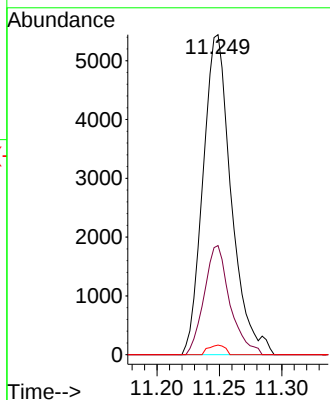
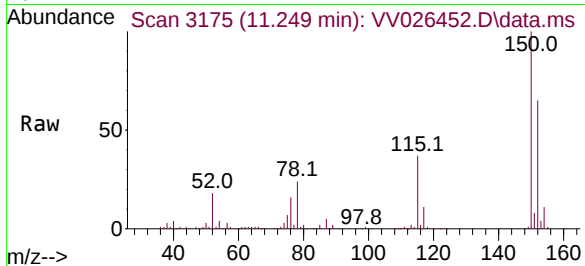




#61
1,2,3-Trichloropropane
Concen: 1.765 ug/L
RT: 11.249 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV026452.D
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Tgt Ion: 75 Resp: 8565
Ion Ratio Lower Upper
75 100
77 31.2 26.9 40.3
110 1.8 30.7 46.1#



#71
Naphthalene
Concen: 0.059 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026452.D
Acq: 20 Jun 2022 17:49

Tgt Ion: 128 Resp: 857
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 16.0#

