

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026556.D
 Acq On : 24 Jun 2022 15:27
 Operator : SY/MD
 Sample : N3474-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 25 02:35:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

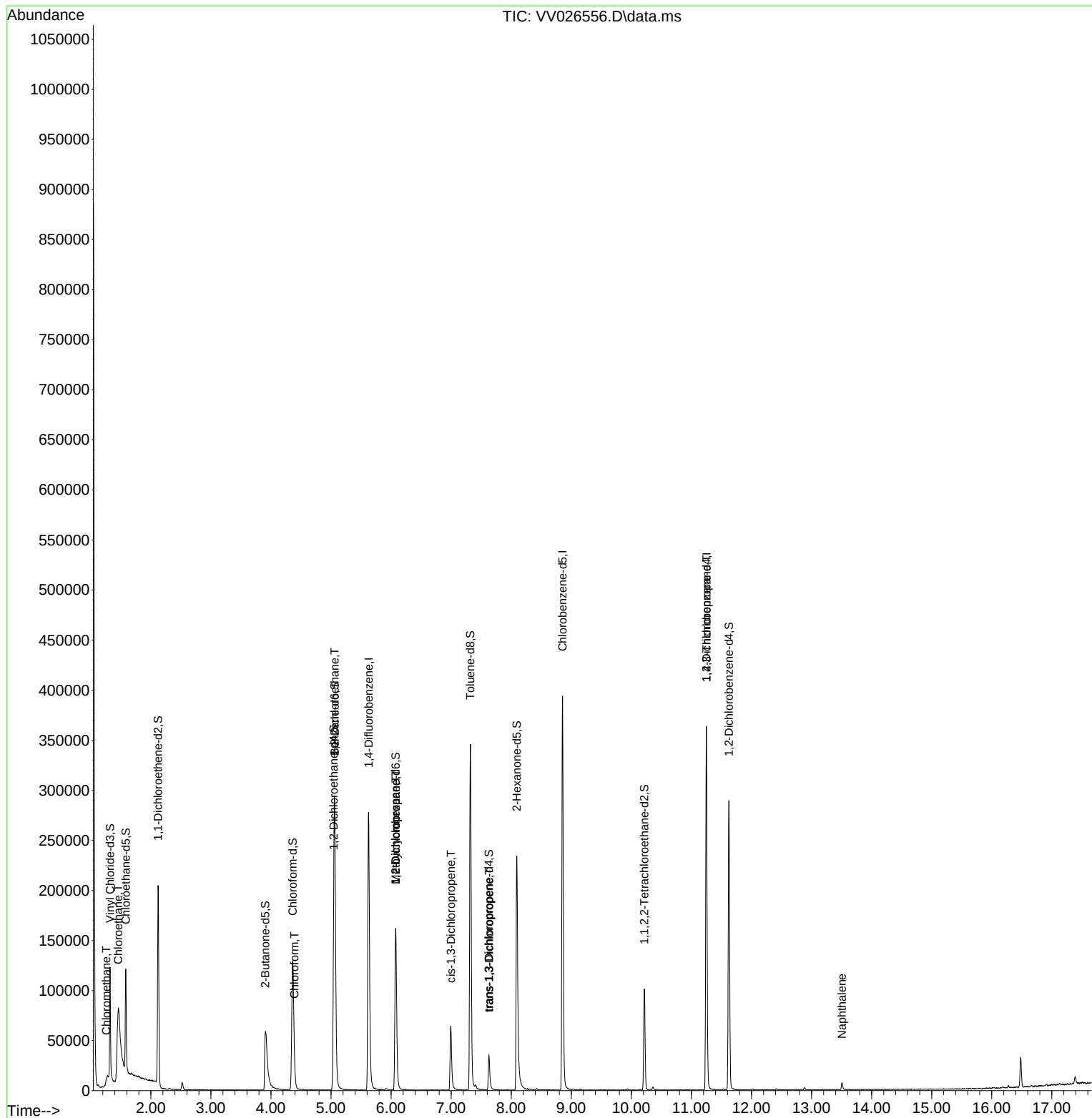
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	249349	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75459	3.763	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.584	69	66033	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.121	63	105778	2.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.905	46	115252	57.809	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.620%
24) Chloroform-d	4.362	84	137237	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.043	65	56972	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.059	84	288809	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.076	67	84307	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	242582	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.629	79	22361	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.092	63	84729	47.903	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51819	4.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	76965	4.740	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	827	0.040	ug/L #	78
8) Chloroethane	1.458	64	240859	16.018	ug/L #	55
25) Chloroform	4.388	83	5130	0.155	ug/L	97
27) 1,2-Dichloroethane	5.059	62	1406	0.096	ug/L #	72
35) Methylcyclohexane	6.076	83	20325	0.787	ug/L #	21
37) 1,2-Dichloropropane	6.076	63	9305	0.581	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1537	0.096	ug/L #	32
44) trans-1,3-Dichloropropene	7.632	75	881	0.074	ug/L	83
61) 1,2,3-Trichloropropane	11.249	75	11214	1.765	ug/L #	65
71) Naphthalene	13.506	128	6696	0.343	ug/L	98

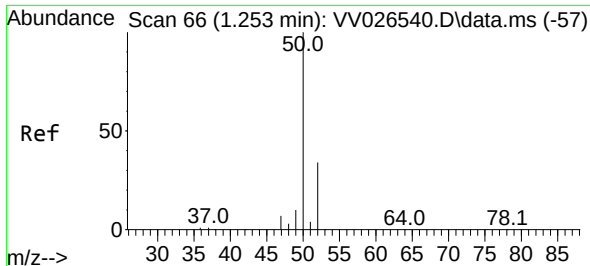
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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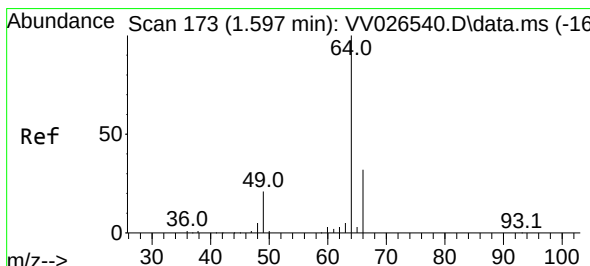
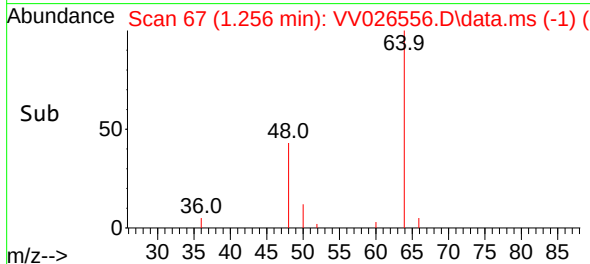
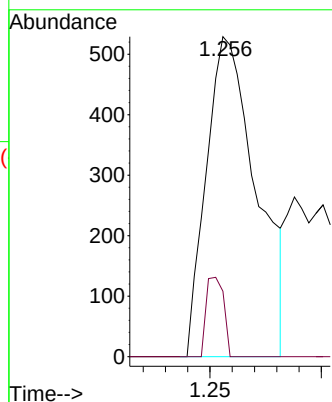
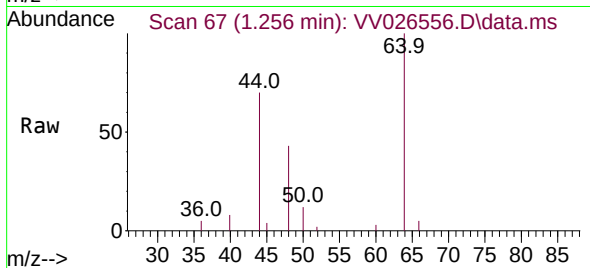




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026556.D
Acq: 24 Jun 2022 15:27

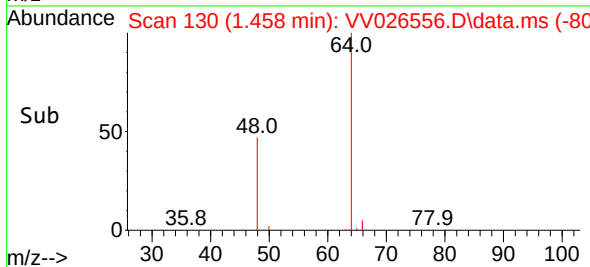
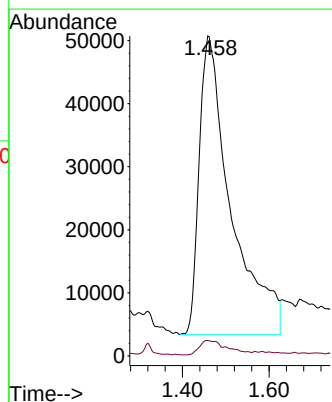
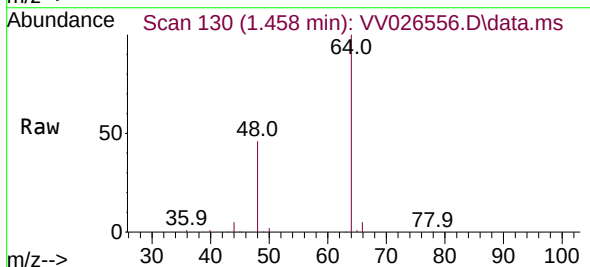
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

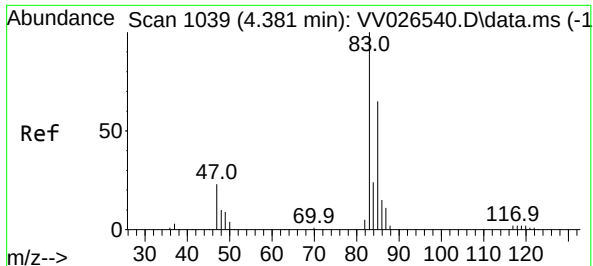
Tgt Ion: 50 Resp: 827
Ion Ratio Lower Upper
50 100
52 20.4 23.0 42.6#



#8
Chloroethane
Concen: 16.018 ug/L
RT: 1.458 min Scan# 130
Delta R.T. -0.138 min
Lab File: VV026556.D
Acq: 24 Jun 2022 15:27

Tgt Ion: 64 Resp: 240859
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#





#25

Chloroform

Concen: 0.155 ug/L

RT: 4.388 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026556.D

Acq: 24 Jun 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

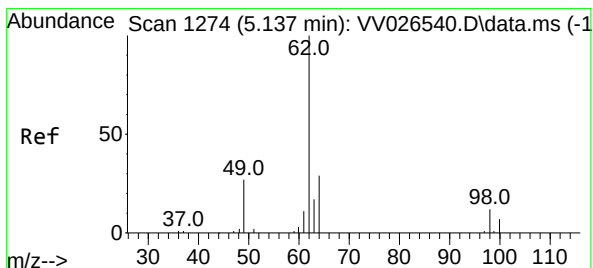
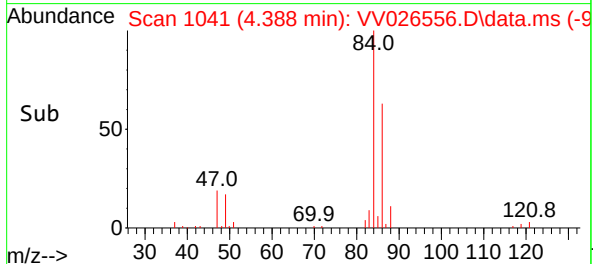
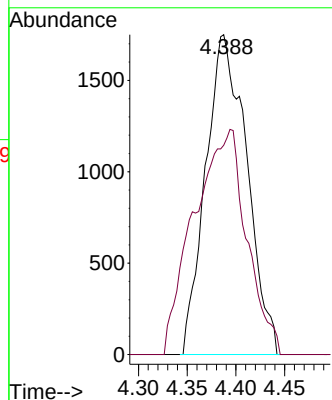
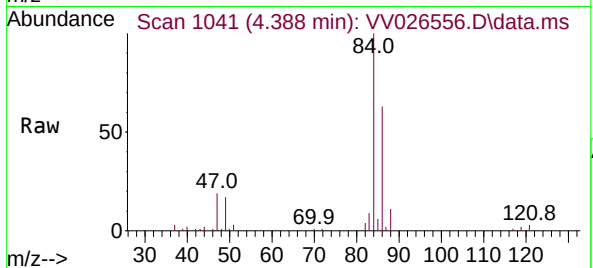
VHBLK001

Tgt Ion: 83 Resp: 5130

Ion Ratio Lower Upper

83 100

85 65.4 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV026556.D

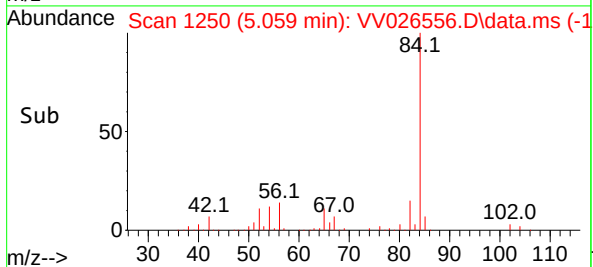
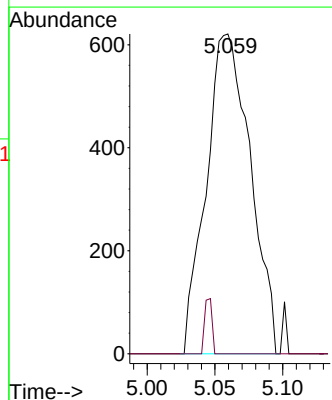
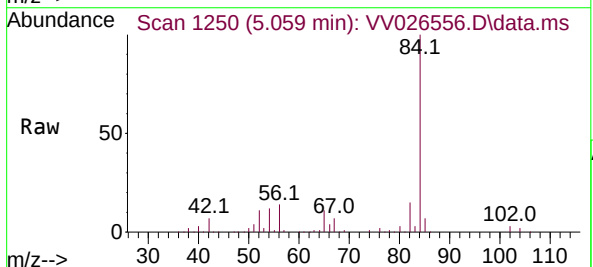
Acq: 24 Jun 2022 15:27

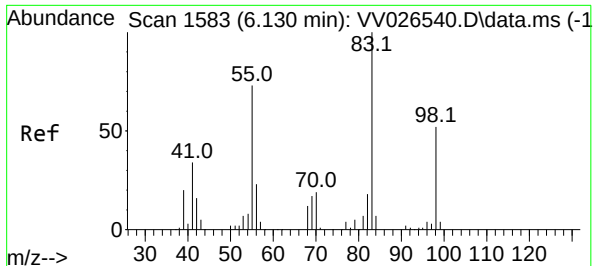
Tgt Ion: 62 Resp: 1406

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#





#35

Methylcyclohexane

Concen: 0.787 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026556.D

Acq: 24 Jun 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

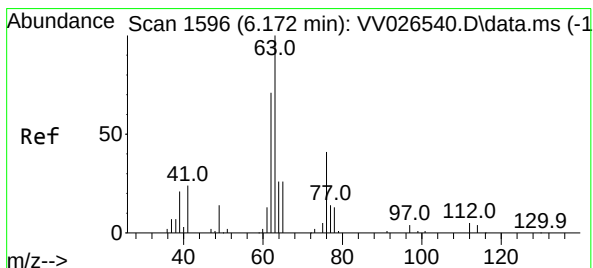
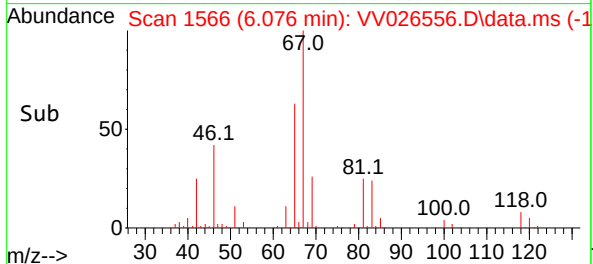
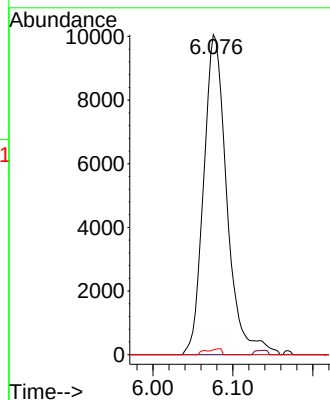
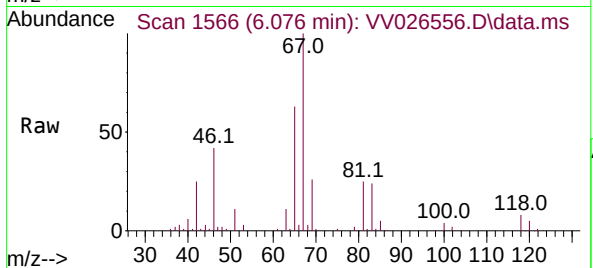
Tgt Ion: 83 Resp: 20325

Ion Ratio Lower Upper

83 100

55 0.7 57.0 85.4#

98 0.8 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.097 min

Lab File: VV026556.D

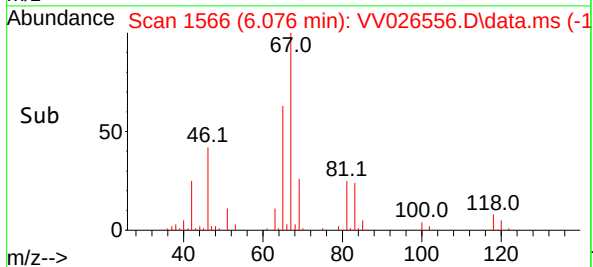
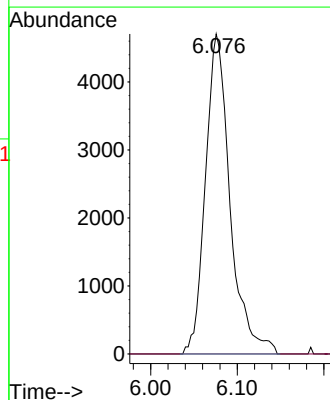
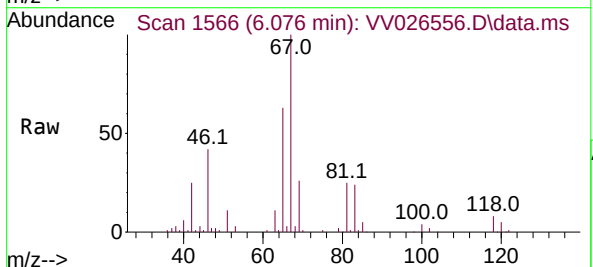
Acq: 24 Jun 2022 15:27

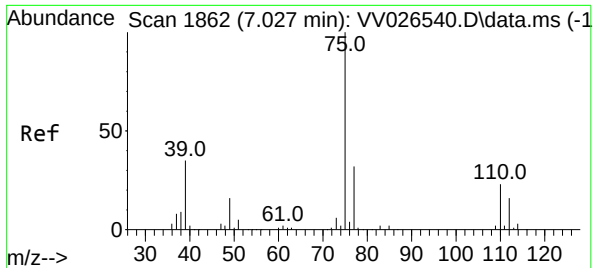
Tgt Ion: 63 Resp: 9305

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.995 min Scan# 1862

Delta R.T. -0.032 min

Lab File: VV026556.D

Acq: 24 Jun 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

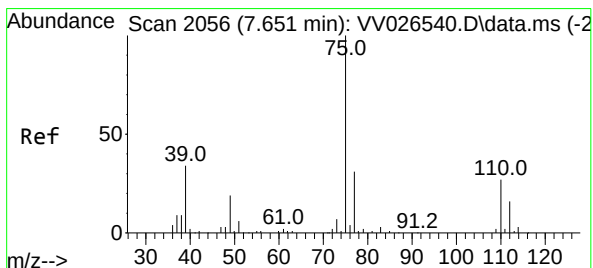
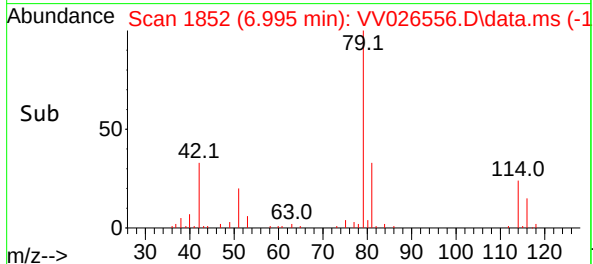
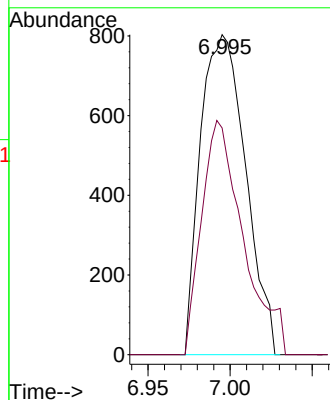
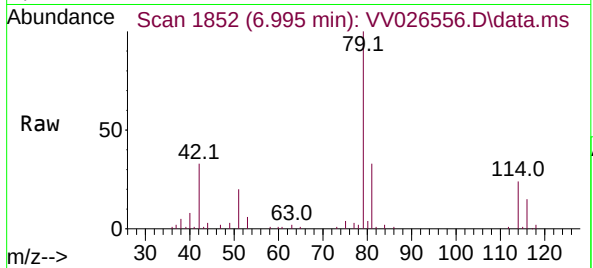
VHBLK001

Tgt Ion: 75 Resp: 1537

Ion Ratio Lower Upper

75 100

77 70.9 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026556.D

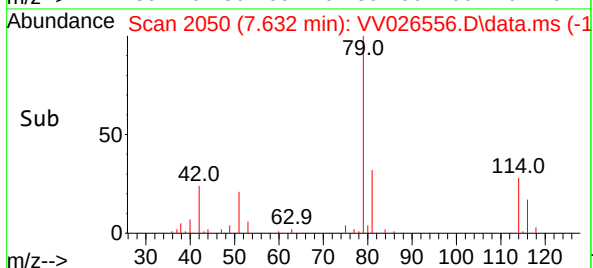
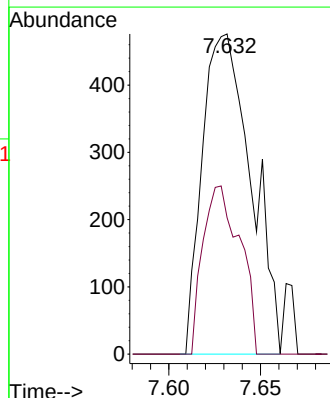
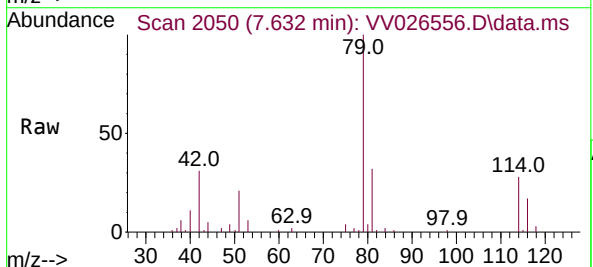
Acq: 24 Jun 2022 15:27

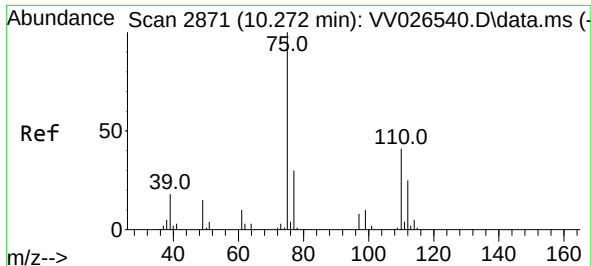
Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

77 42.6 23.1 42.9

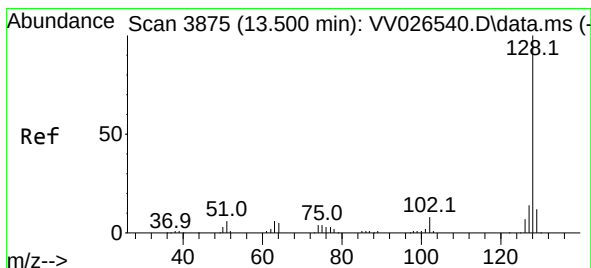
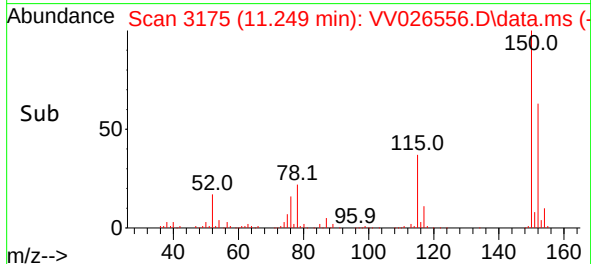
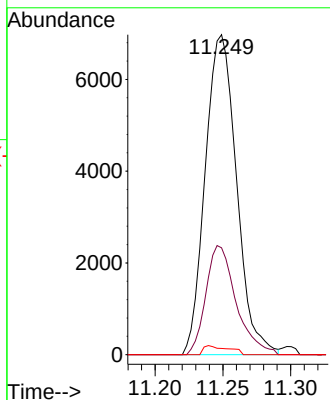
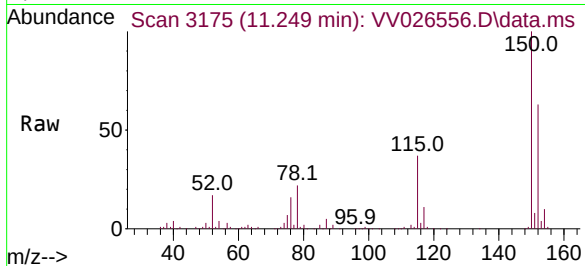




#61
1,2,3-Trichloropropane
Concen: 1.765 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
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Tgt Ion: 75 Resp: 11214
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
110 2.3 32.5 48.7#



#71
Naphthalene
Concen: 0.343 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026556.D
Acq: 24 Jun 2022 15:27

Tgt Ion:128 Resp: 6696
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 11.3 10.2 15.4

