

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026550.D
 Acq On : 24 Jun 2022 13:05
 Operator : SY/MD
 Sample : N3401-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG1

Quant Time: Jun 25 02:34:09 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)

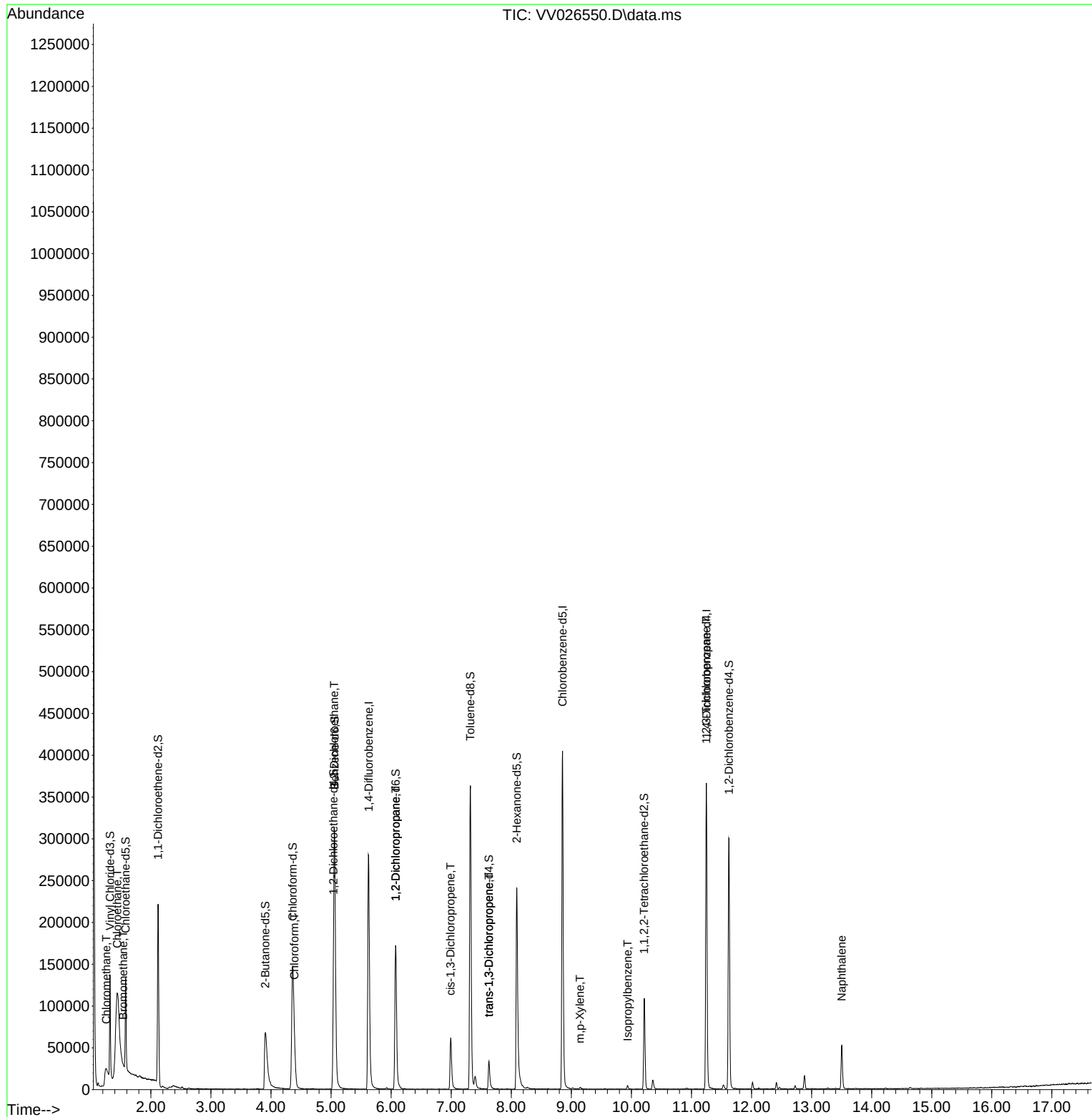
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	255355	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	232996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	83647	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.581	69	71847	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.121	63	113690	3.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.905	46	110871	54.304	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	4.362	84	148561	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.040	65	61455	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.059	84	306972	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.076	67	89213	4.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.320	98	256508	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.629	79	21728	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	82670	45.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53727	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	81032	4.960	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1548	0.073	ug/L #	67
6) Bromomethane	1.539	94	552	0.045	ug/L	88
8) Chloroethane	1.439	64	369865	24.019	ug/L #	55
25) Chloroform	4.388	83	45597	1.349	ug/L	97
27) 1,2-Dichloroethane	5.053	62	1596	0.106	ug/L #	72
37) 1,2-Dichloropropane	6.076	63	9426	0.575	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1679	0.102	ug/L #	78
44) trans-1,3-Dichloropropene	7.629	75	935	0.076	ug/L #	74
53) m,p-Xylene	9.143	106	879	0.031	ug/L	76
60) Isopropylbenzene	9.937	105	2967	0.049	ug/L #	93
61) 1,2,3-Trichloropropane	11.246	75	10790	1.688	ug/L #	65
71) Naphthalene	13.503	128	44578	2.273	ug/L	99

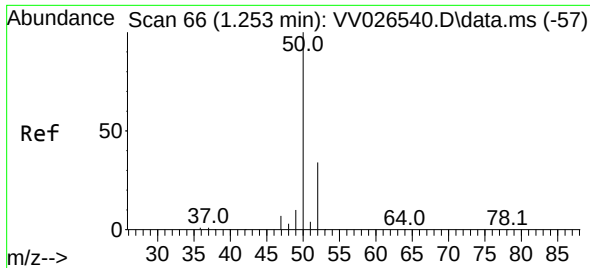
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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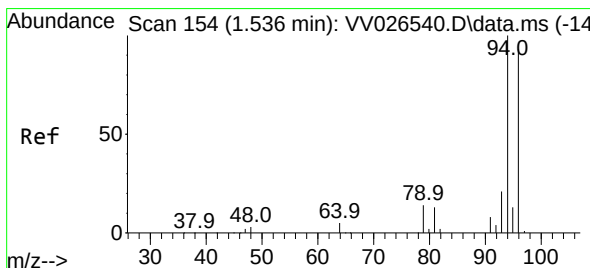
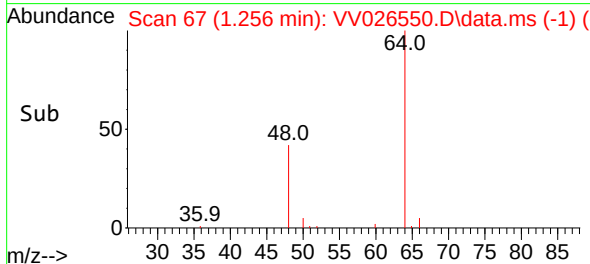
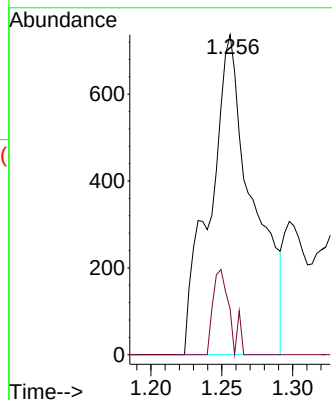
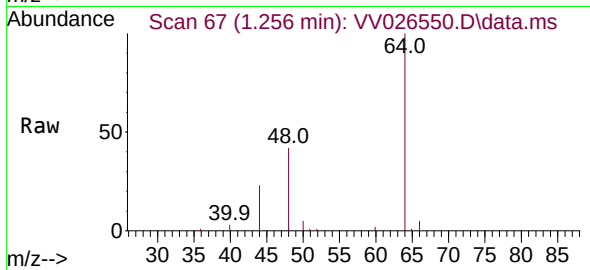




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

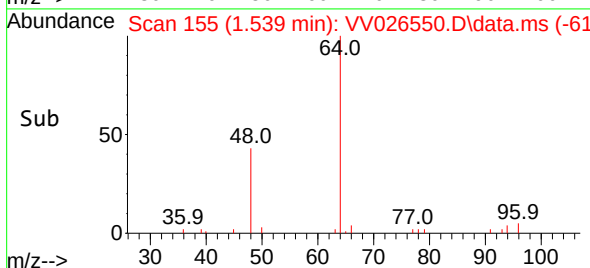
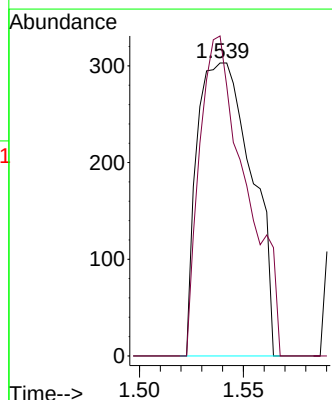
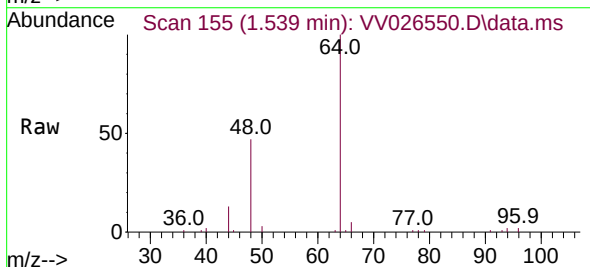
Instrument :
MSVOA_V
ClientSampleId :
C0AG1

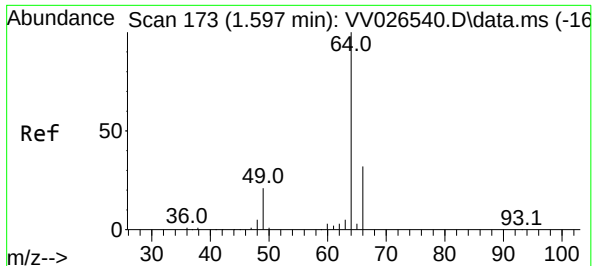
Tgt Ion: 50 Resp: 1548
Ion Ratio Lower Upper
50 100
52 14.4 23.0 42.6#



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.003 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 109.2 68.0 126.2

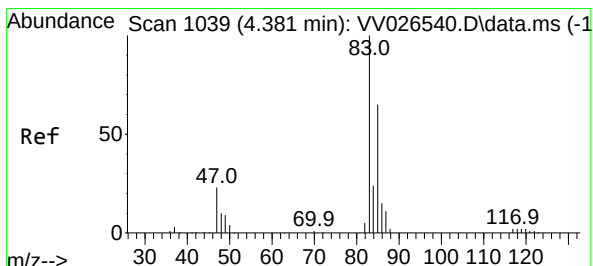
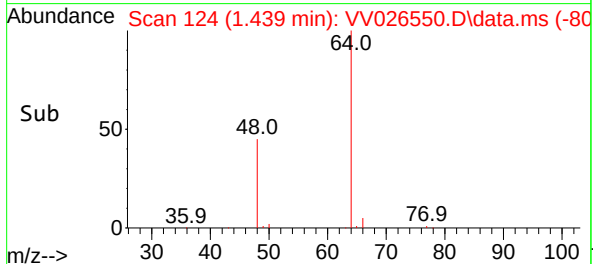
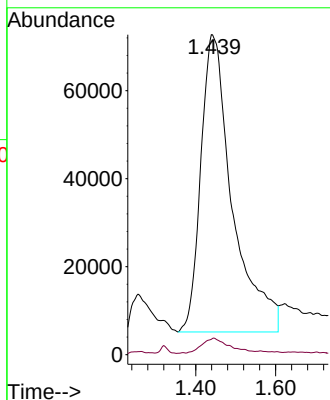
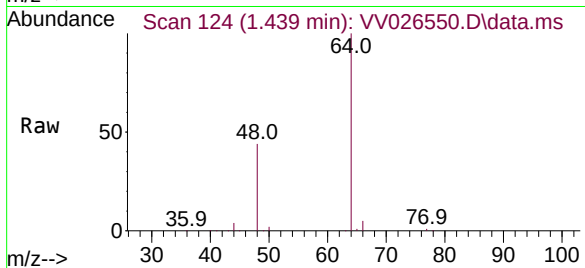




#8
Chloroethane
Concen: 24.019 ug/L
RT: 1.439 min Scan# 11
Delta R.T. -0.158 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

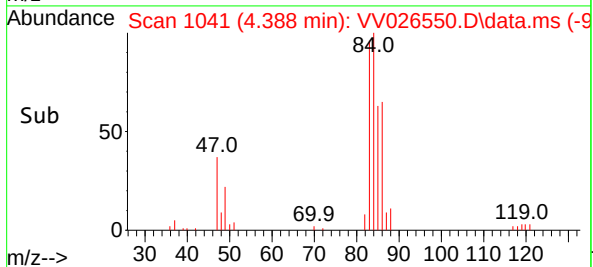
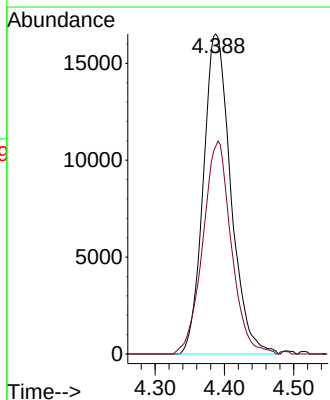
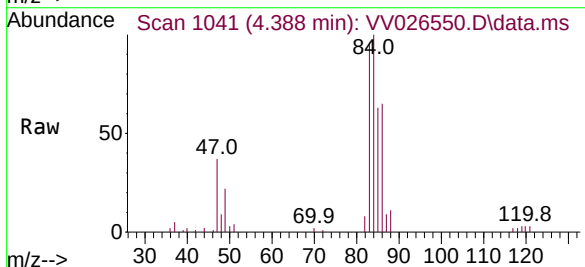
Instrument :
MSVOA_V
ClientSampleId :
C0AG1

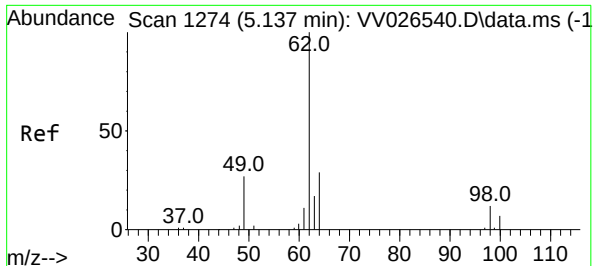
Tgt Ion: 64 Resp: 369865
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#



#25
Chloroform
Concen: 1.349 ug/L
RT: 4.388 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

Tgt Ion: 83 Resp: 45597
Ion Ratio Lower Upper
83 100
85 65.0 44.0 81.8





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.053 min Scan# 1566

Delta R.T. -0.084 min

Lab File: VV026550.D

Acq: 24 Jun 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

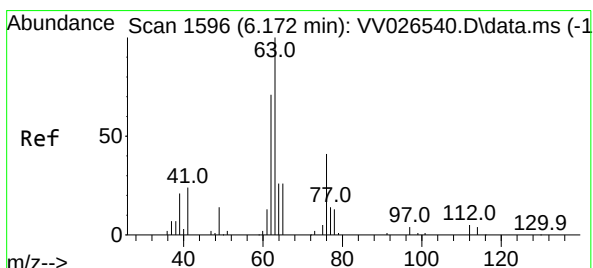
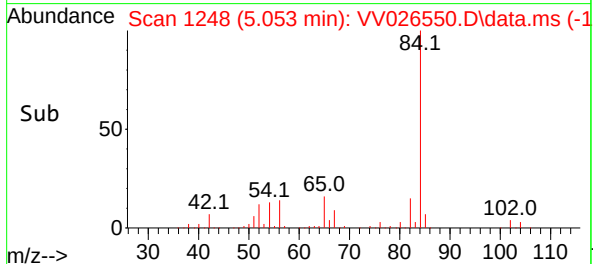
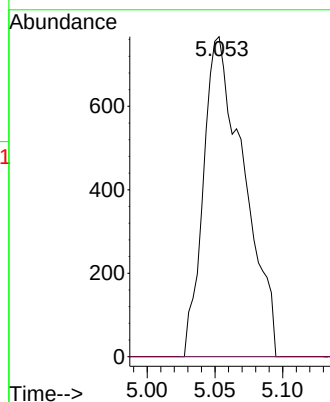
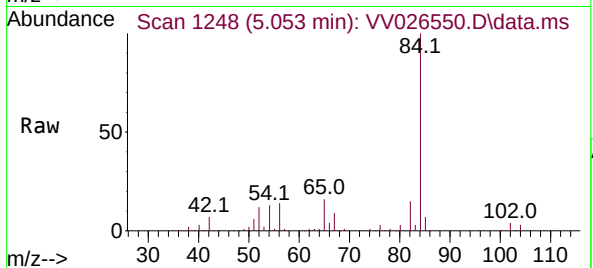
C0AG1

Tgt Ion: 62 Resp: 1596

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.097 min

Lab File: VV026550.D

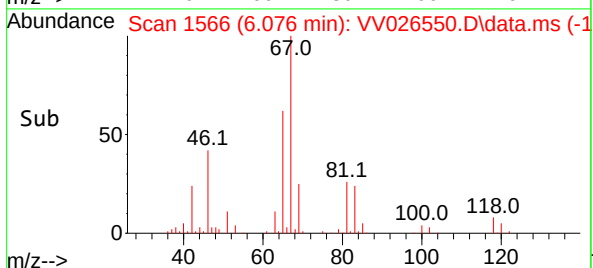
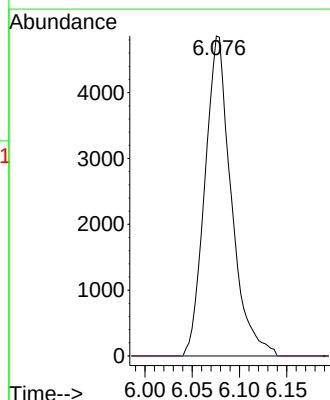
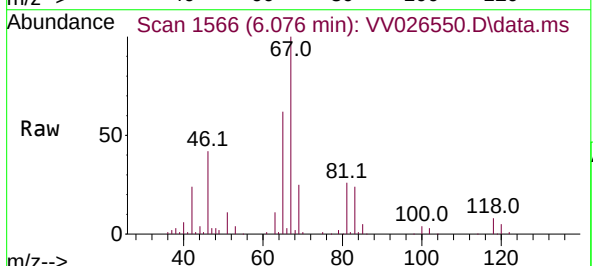
Acq: 24 Jun 2022 13:05

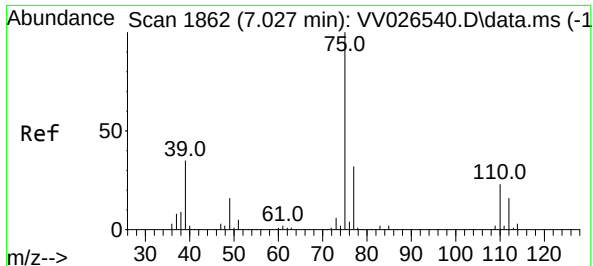
Tgt Ion: 63 Resp: 9426

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026550.D

Acq: 24 Jun 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

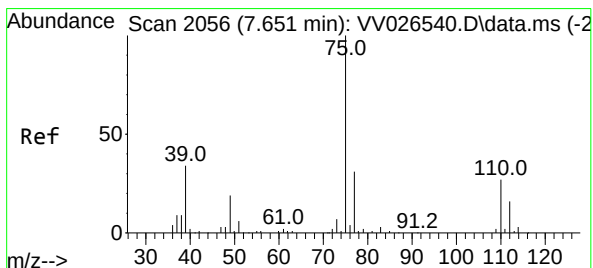
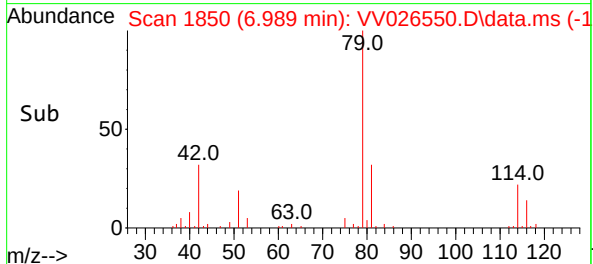
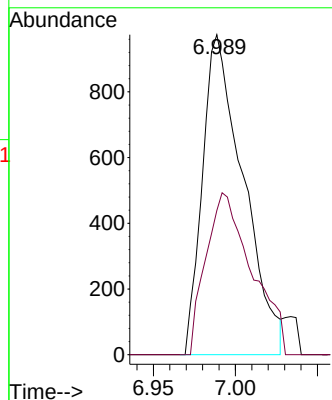
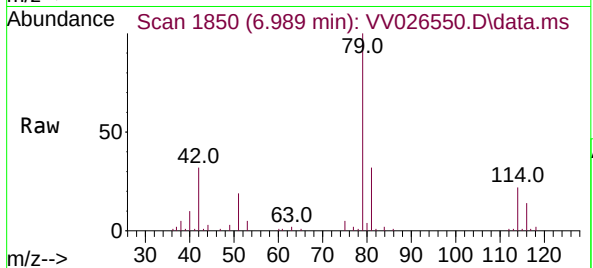
C0AG1

Tgt Ion: 75 Resp: 1679

Ion Ratio Lower Upper

75 100

77 45.1 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.023 min

Lab File: VV026550.D

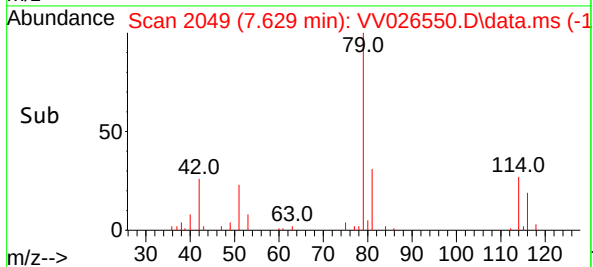
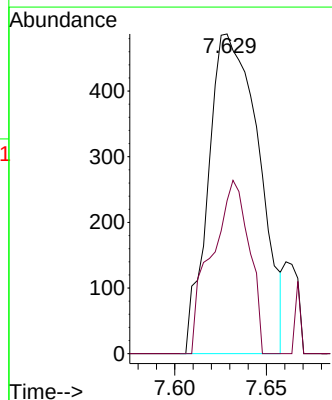
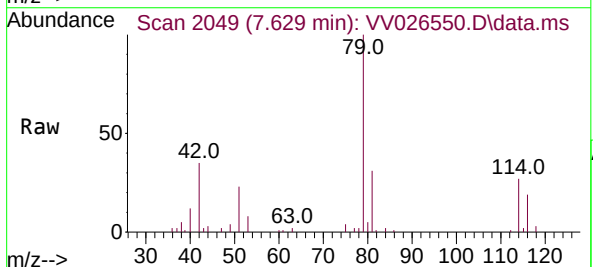
Acq: 24 Jun 2022 13:05

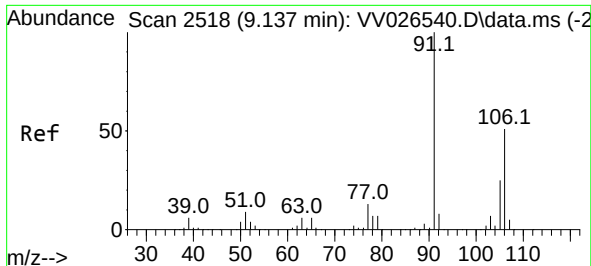
Tgt Ion: 75 Resp: 935

Ion Ratio Lower Upper

75 100

77 47.8 23.1 42.9#

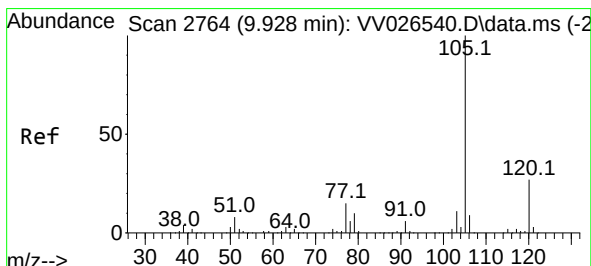
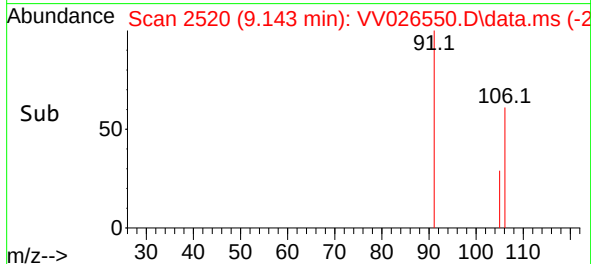
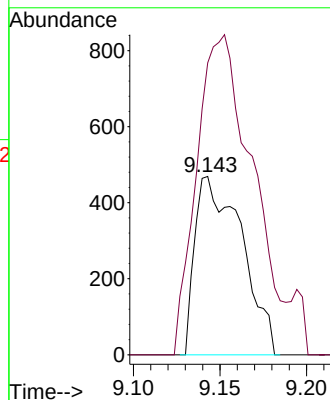
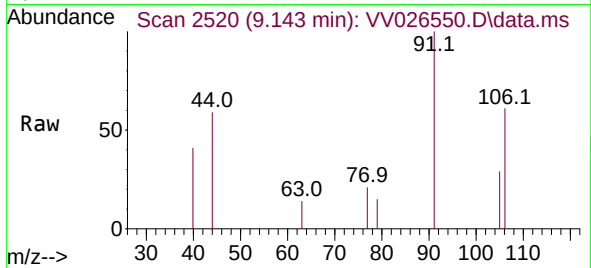




#53
m,p-Xylene
Concen: 0.031 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

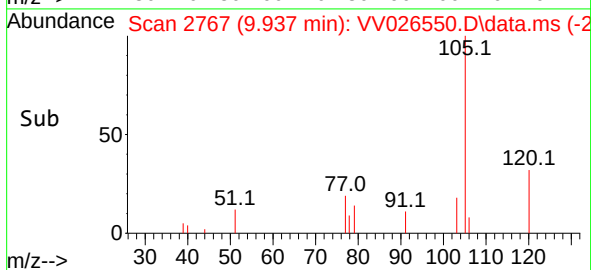
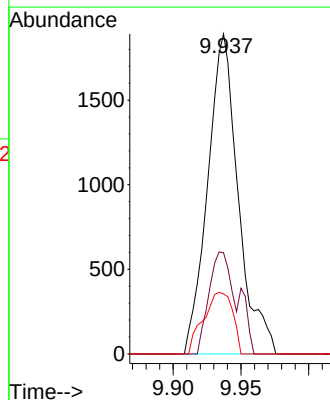
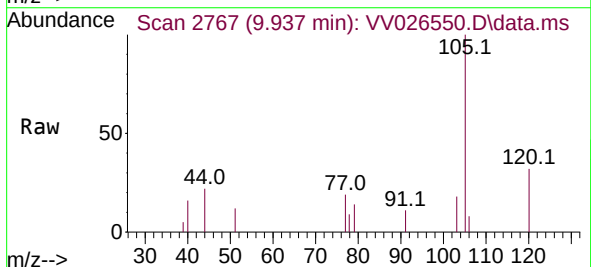
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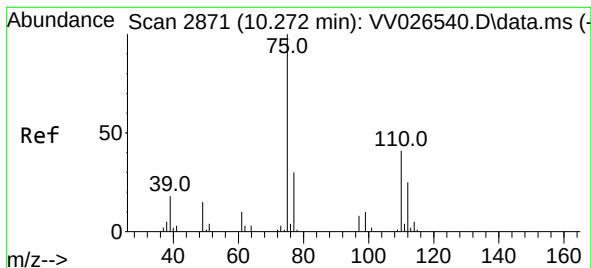
Tgt Ion:106 Resp: 879
Ion Ratio Lower Upper
106 100
91 163.8 139.9 259.9



#60
Isopropylbenzene
Concen: 0.049 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.010 min
Lab File: VV026550.D
Acq: 24 Jun 2022 13:05

Tgt Ion:105 Resp: 2967
Ion Ratio Lower Upper
105 100
120 23.9 21.4 32.2
77 18.3 11.6 17.4#





#61

1,2,3-Trichloropropane

Concen: 1.688 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026550.D

Acq: 24 Jun 2022 13:05

Instrument :

MSVOA_V

ClientSampleId :

C0AG1

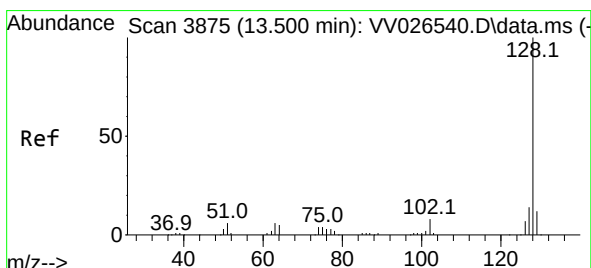
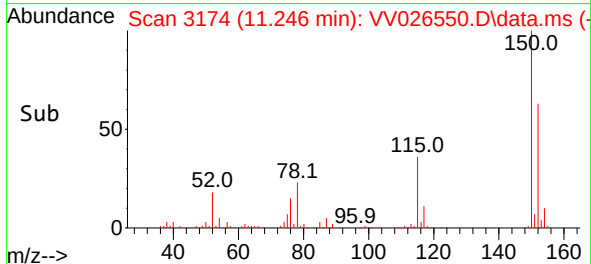
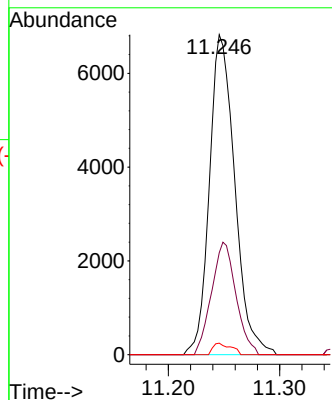
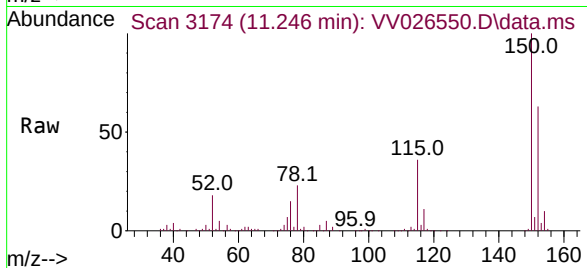
Tgt Ion: 75 Resp: 10790

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

110 2.5 32.5 48.7#



#71

Naphthalene

Concen: 2.273 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV026550.D

Acq: 24 Jun 2022 13:05

Tgt Ion: 128 Resp: 44578

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 12.7 10.2 15.4

