

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026514.D
 Acq On : 23 Jun 2022 15:09
 Operator : SY/MD
 Sample : N3385-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: Jun 24 02:02:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

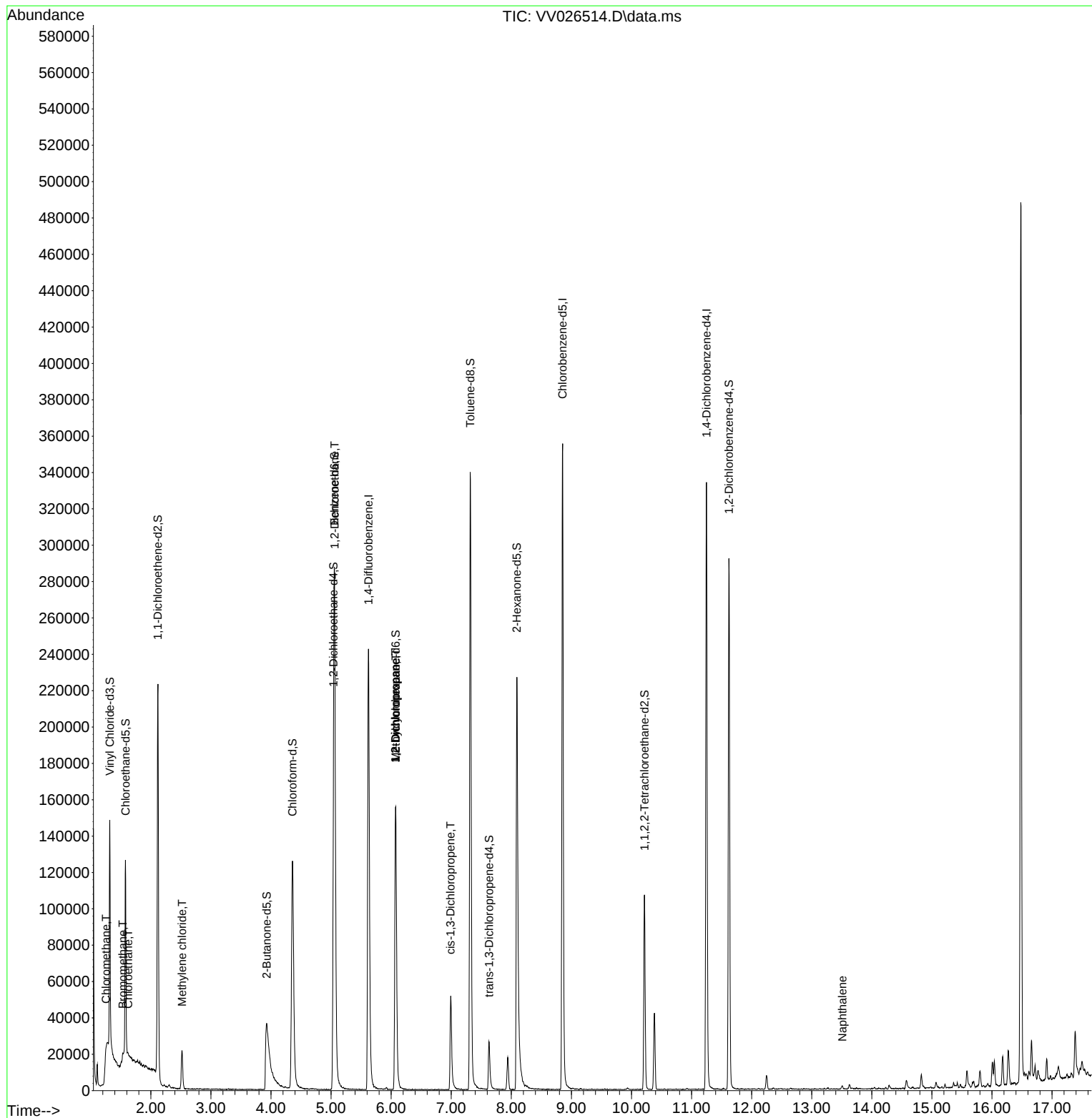
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	222424	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	206710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	84789	4.740	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.577	69	67623	4.706	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.117	63	112915	3.552	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.000%	
20) 2-Butanone-d5	3.928	46	100441	56.479	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.960%	
24) Chloroform-d	4.359	84	135956	4.650	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.040	65	58991	5.238	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.056	84	284998	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.076	67	82474	5.051	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.317	98	238514	4.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.629	79	18368	4.352	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.092	63	87097	54.182	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.360%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53883	5.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	78463	5.128	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	2216	0.120	ug/L	99
6) Bromomethane	1.532	94	824	0.077	ug/L	99
8) Chloroethane	1.622	64	2169	0.162	ug/L #	53
16) Methylene chloride	2.519	84	9267	0.581	ug/L	98
27) 1,2-Dichloroethane	5.059	62	1288	0.098	ug/L #	72
35) Methylcyclohexane	6.076	83	19621	0.836	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	8248	0.567	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1303	0.089	ug/L #	71
71) Naphthalene	13.509	128	1592	0.087	ug/L #	94

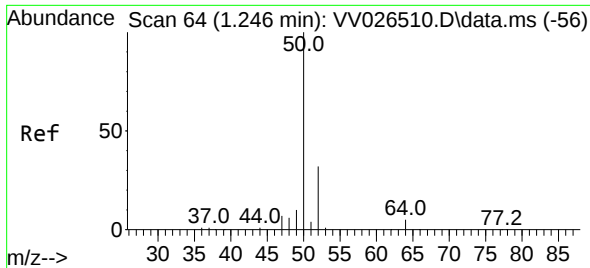
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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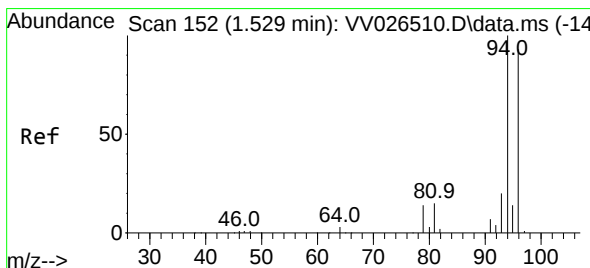
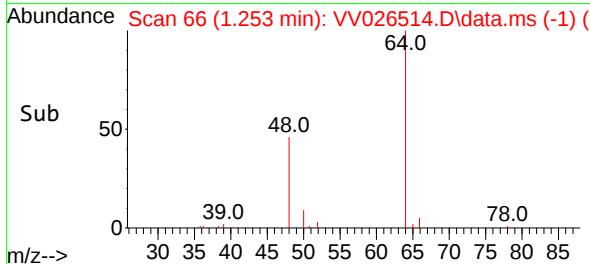
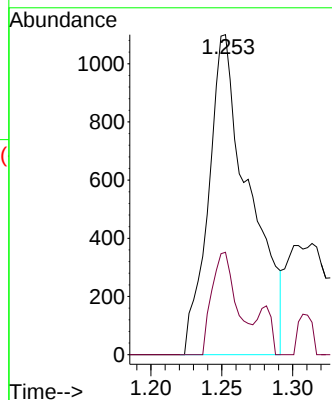
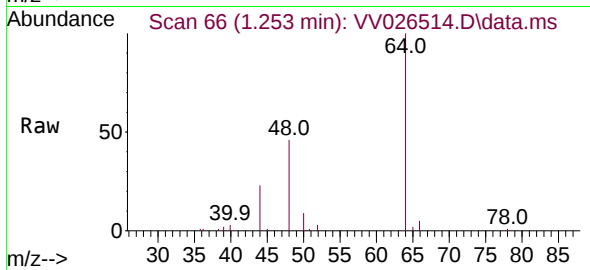




#3
Chloromethane
Concen: 0.120 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VV026514.D
Acq: 23 Jun 2022 15:09

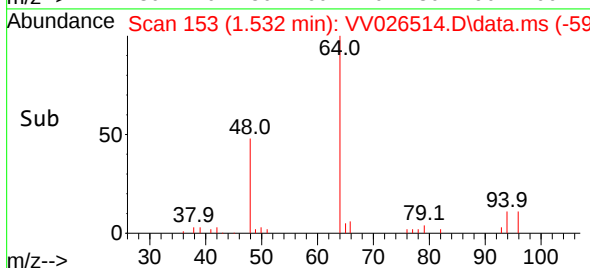
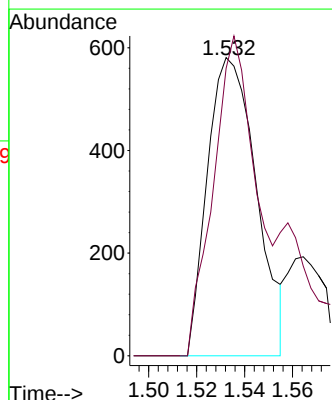
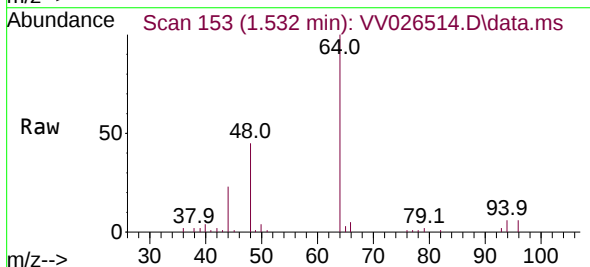
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

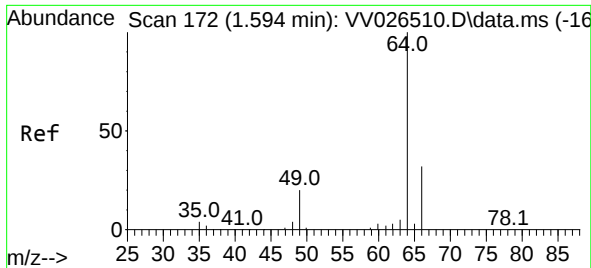
Tgt Ion: 50 Resp: 2216
Ion Ratio Lower Upper
50 100
52 32.0 23.0 42.6



#6
Bromomethane
Concen: 0.077 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.003 min
Lab File: VV026514.D
Acq: 23 Jun 2022 15:09

Tgt Ion: 94 Resp: 824
Ion Ratio Lower Upper
94 100
96 96.4 68.0 126.2

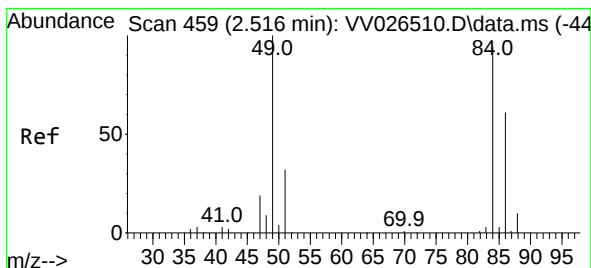
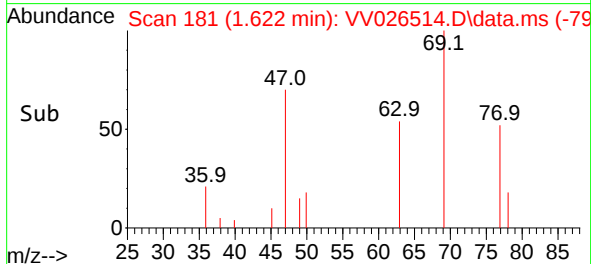
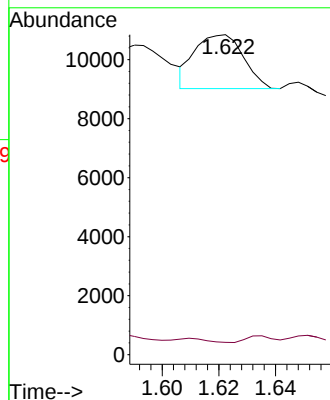
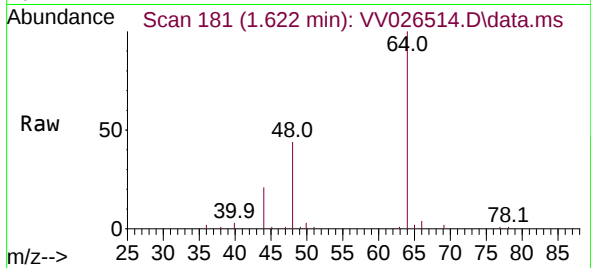




#8
Chloroethane
Concen: 0.162 ug/L
RT: 1.622 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV026514.D
Acq: 23 Jun 2022 15:09

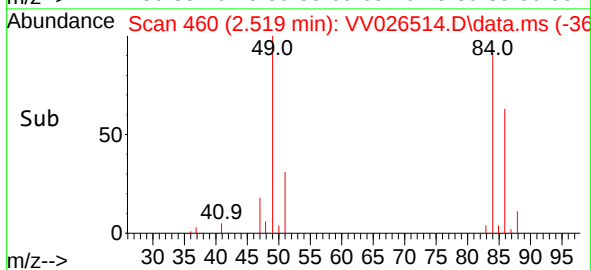
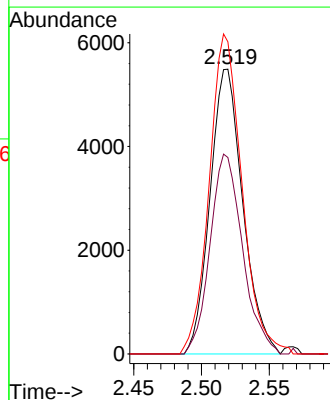
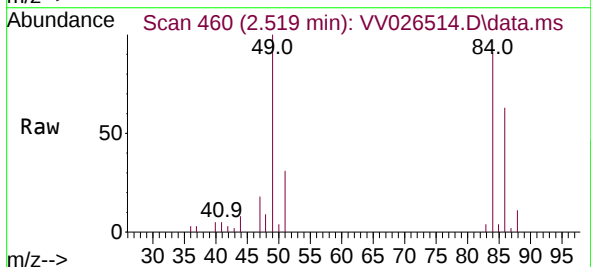
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

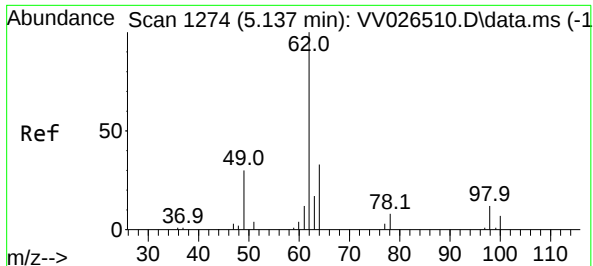
Tgt Ion: 64 Resp: 2169
Ion Ratio Lower Upper
64 100
66 3.8 20.0 37.2#



#16
Methylene chloride
Concen: 0.581 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026514.D
Acq: 23 Jun 2022 15:09

Tgt Ion: 84 Resp: 9267
Ion Ratio Lower Upper
84 100
86 69.0 46.0 85.4
49 109.6 77.7 144.3





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.059 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV026514.D

Acq: 23 Jun 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

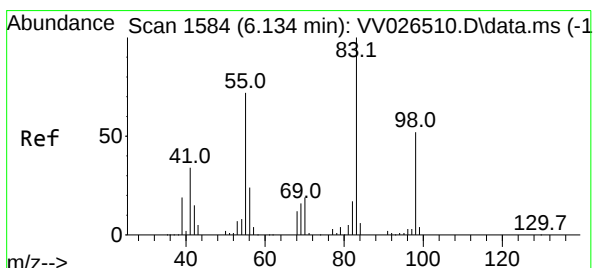
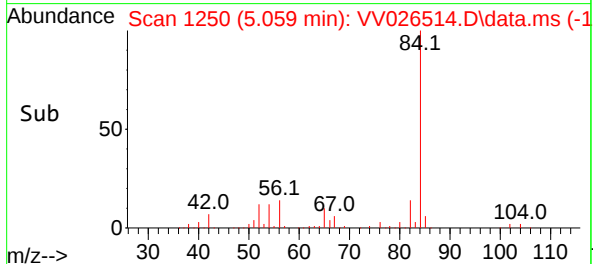
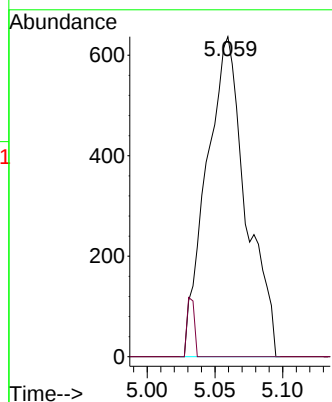
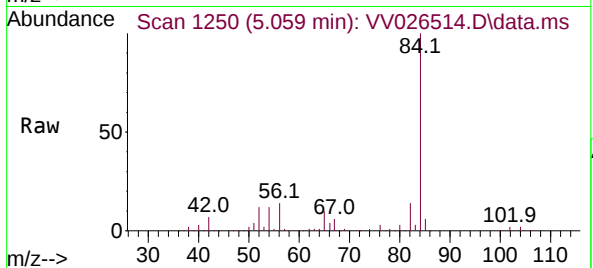
C0AA3

Tgt Ion: 62 Resp: 1288

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.836 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026514.D

Acq: 23 Jun 2022 15:09

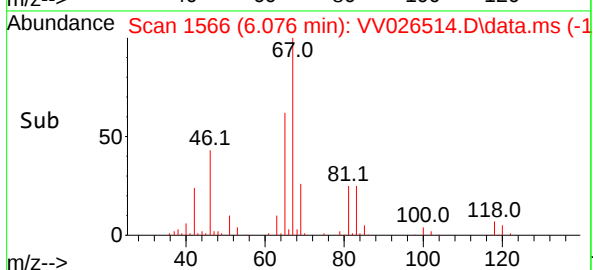
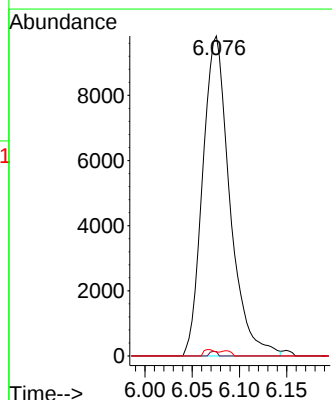
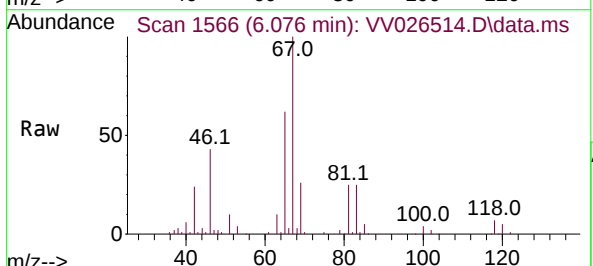
Tgt Ion: 83 Resp: 19621

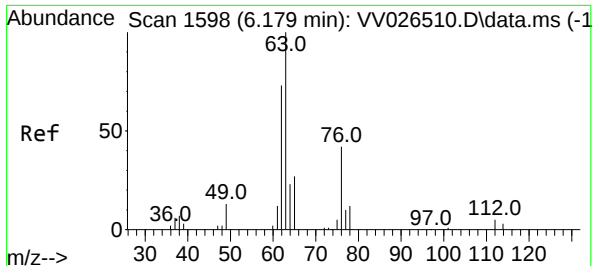
Ion Ratio Lower Upper

83 100

55 0.4 57.0 85.4#

98 0.8 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV026514.D

Acq: 23 Jun 2022 15:09

Instrument :

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ClientSampleId :

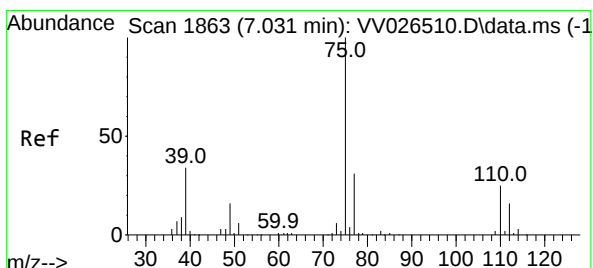
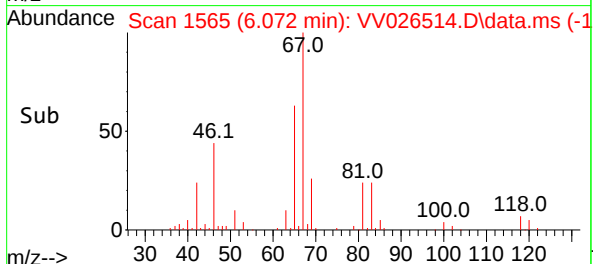
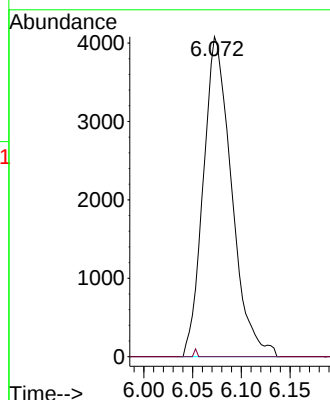
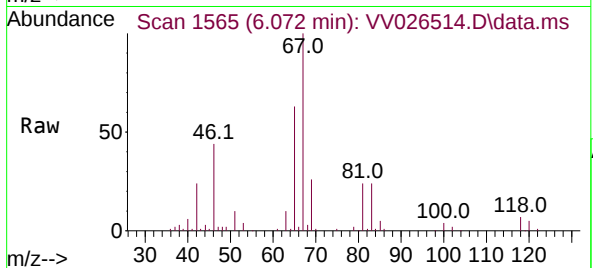
C0AA3

Tgt Ion: 63 Resp: 8248

Ion Ratio Lower Upper

63 100

112 0.2 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026514.D

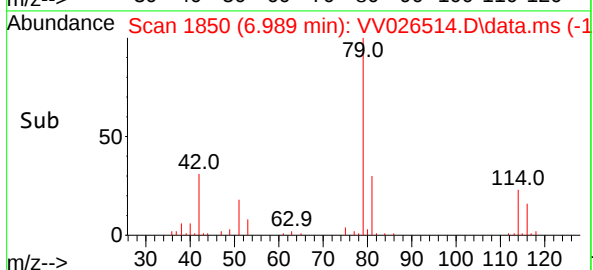
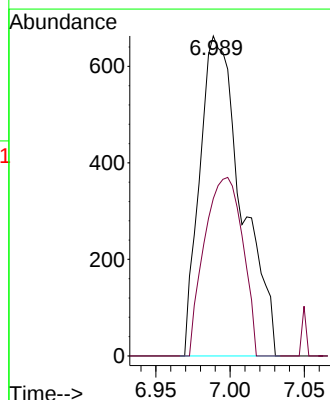
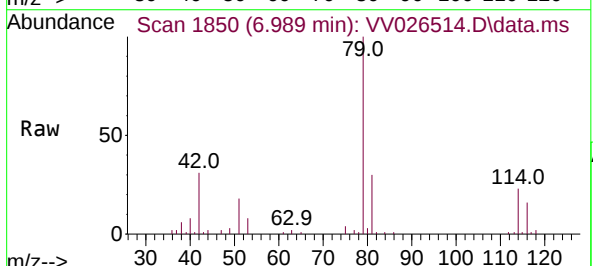
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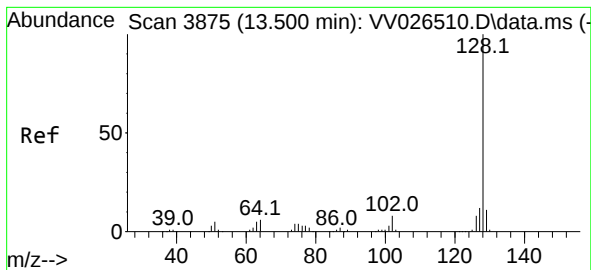
Tgt Ion: 75 Resp: 1303

Ion Ratio Lower Upper

75 100

77 49.2 22.8 42.4#





#71

Naphthalene

Concen: 0.087 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV026514.D

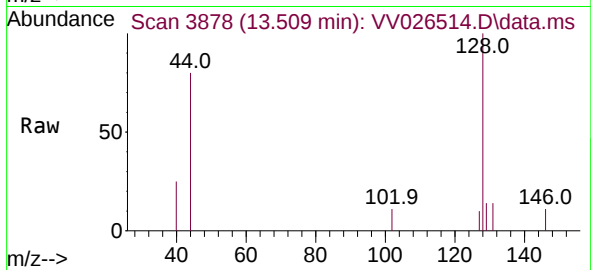
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Tgt Ion:	128	Resp:	1592
Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	8.5	10.2	15.4#

