

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
 Data File : VV024737.D
 Acq On : 17 Feb 2022 21:09
 Operator : SY/MD
 Sample : N1510-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M27

Quant Time: Feb 18 07:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

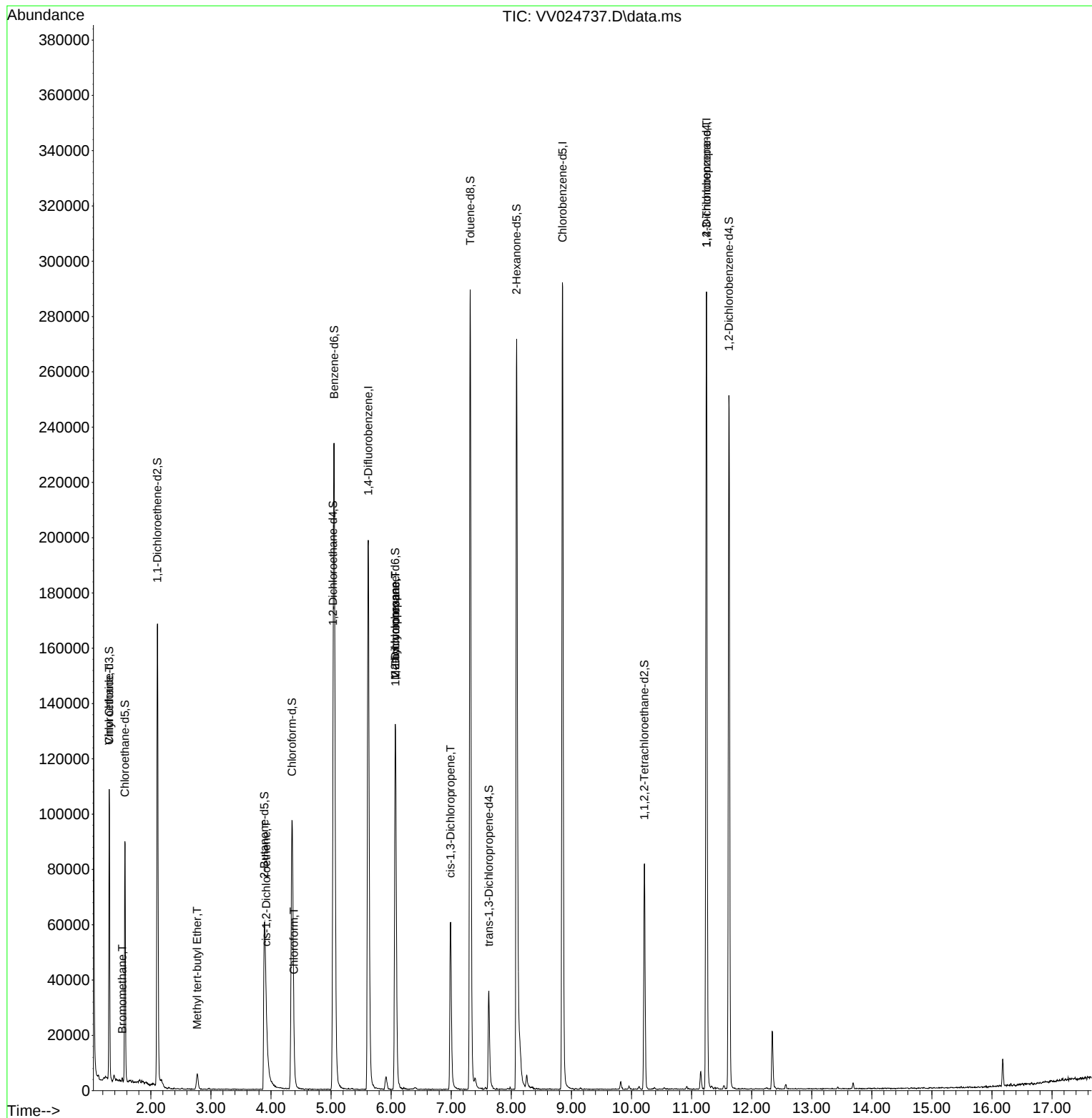
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	170717	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	158982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66238	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.568	69	55563	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	88556	3.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.889	46	117352	56.738	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	4.349	84	101328	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.034	65	50621	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.050	84	216548	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	66246	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.316	98	189561	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.625	79	21652	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.088	63	96989	54.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41249	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	61124	5.005	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
6) Bromomethane	1.523	94	485	0.044	ug/L #	64
8) Chloroethane	1.307	64	833	0.074	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	5961	0.228	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	1802	0.131	ug/L	91
25) Chloroform	4.381	83	3193	0.129	ug/L	93
35) Methylcyclohexane	6.069	83	15231	0.661	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	6954	0.547	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1609	0.091	ug/L #	61
61) 1,2,3-Trichloropropane	11.249	75	9652	1.509	ug/L #	68

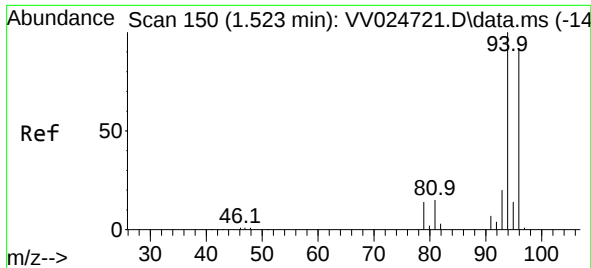
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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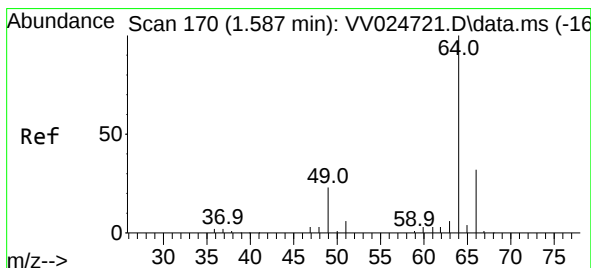
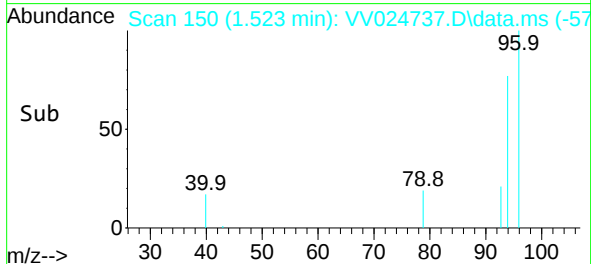
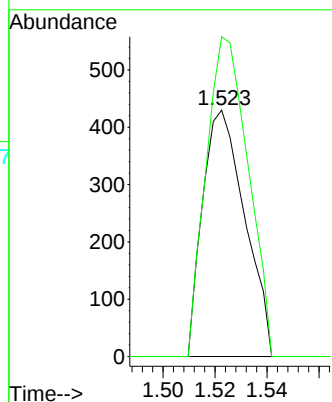
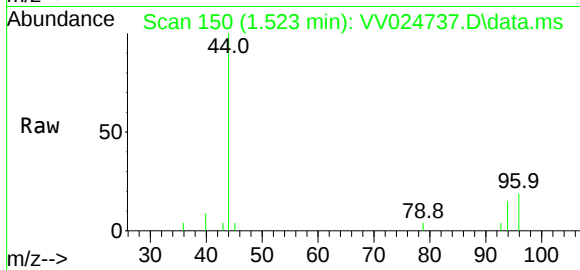




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024737.D
Acq: 17 Feb 2022 21:09

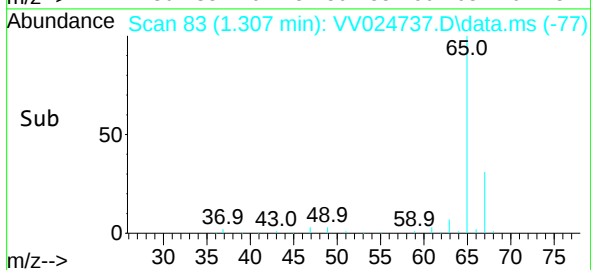
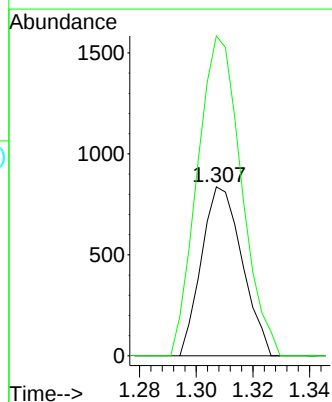
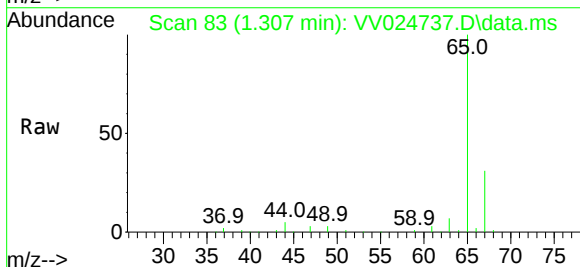
Instrument :
MSVOA_V
ClientSampleId :
F4M27

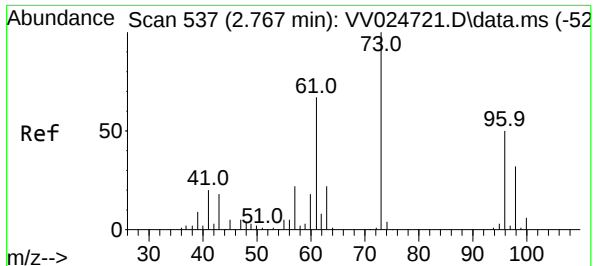
Tgt Ion: 94 Resp: 485
Ion Ratio Lower Upper
94 100
96 129.8 66.5 123.5#



#8
Chloroethane
Concen: 0.074 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.280 min
Lab File: VV024737.D
Acq: 17 Feb 2022 21:09

Tgt Ion: 64 Resp: 833
Ion Ratio Lower Upper
64 100
66 189.2 22.5 41.9#





#17

Methyl tert-butyl Ether

Concen: 0.228 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV024737.D

Acq: 17 Feb 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

F4M27

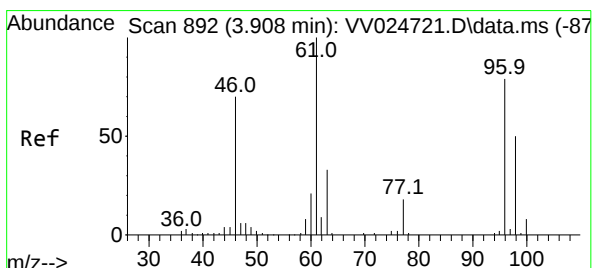
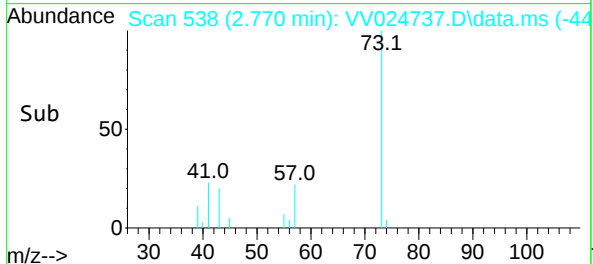
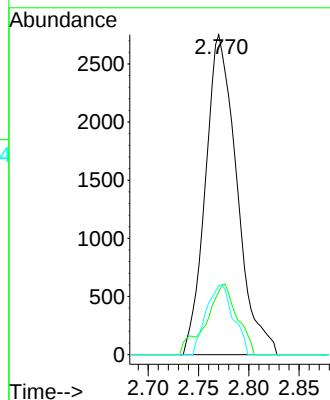
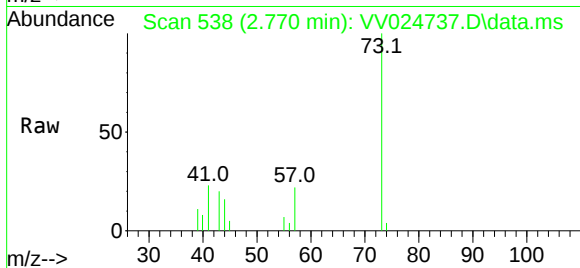
Tgt Ion: 73 Resp: 5961

Ion Ratio Lower Upper

73 100

43 21.8 15.1 22.7

57 18.9 17.4 26.2



#22

cis-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV024737.D

Acq: 17 Feb 2022 21:09

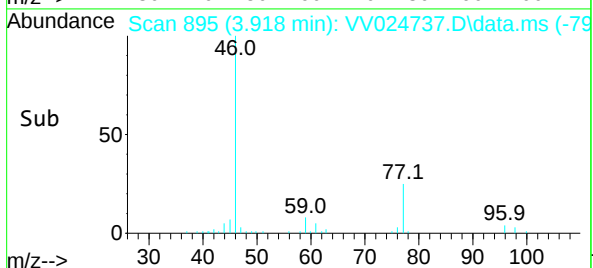
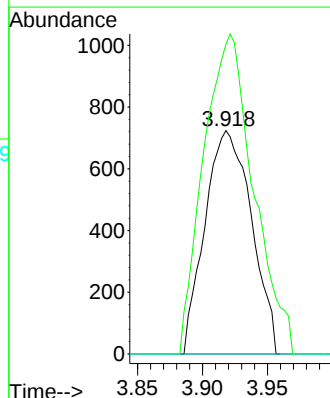
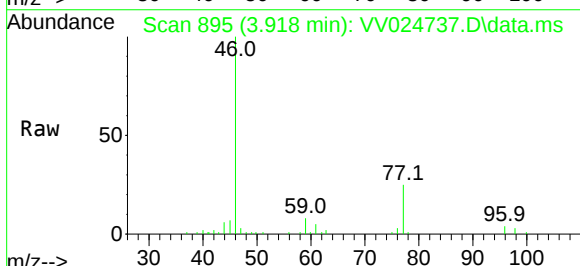
Tgt Ion: 96 Resp: 1802

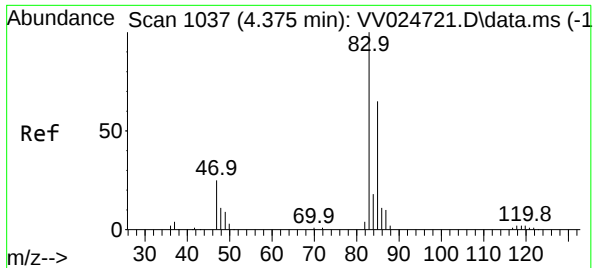
Ion Ratio Lower Upper

96 100

61 138.7 89.7 166.5

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.129 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024737.D

Acq: 17 Feb 2022 21:09

Instrument :

MSVOA_V

ClientSampleId :

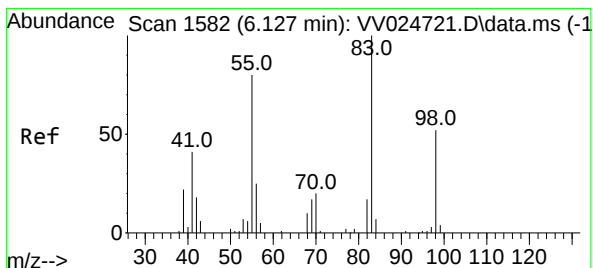
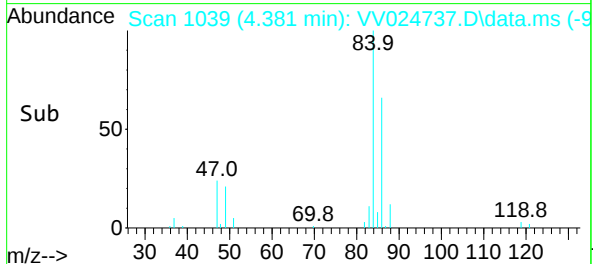
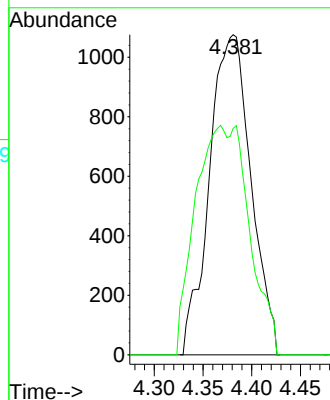
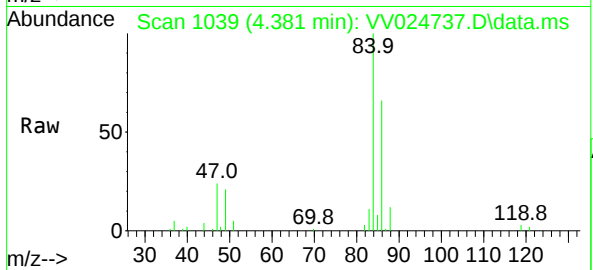
F4M27

Tgt Ion: 83 Resp: 3193

Ion Ratio Lower Upper

83 100

85 70.7 45.5 84.5



#35

Methylcyclohexane

Concen: 0.661 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024737.D

Acq: 17 Feb 2022 21:09

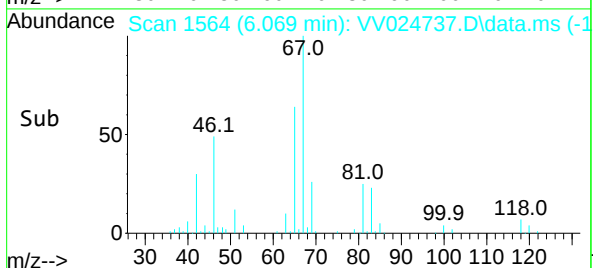
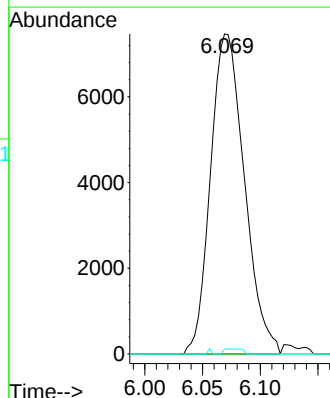
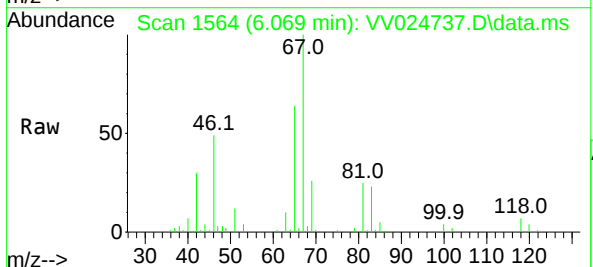
Tgt Ion: 83 Resp: 15231

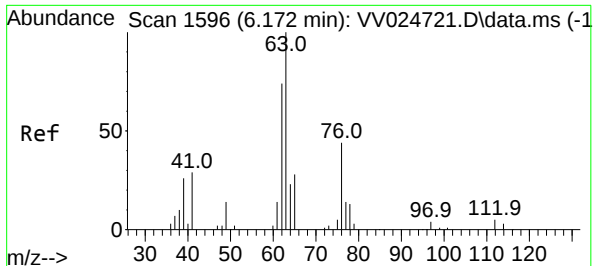
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.9 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024737.D

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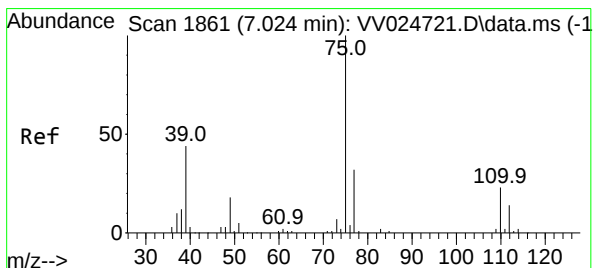
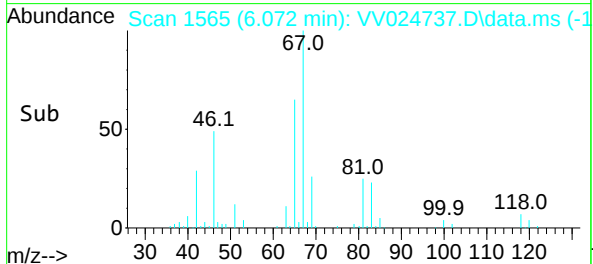
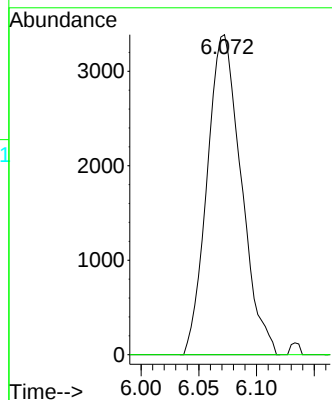
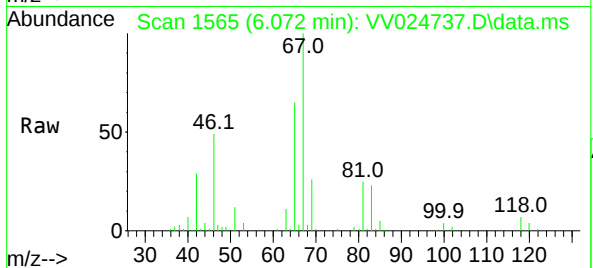
F4M27

Tgt Ion: 63 Resp: 6954

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024737.D

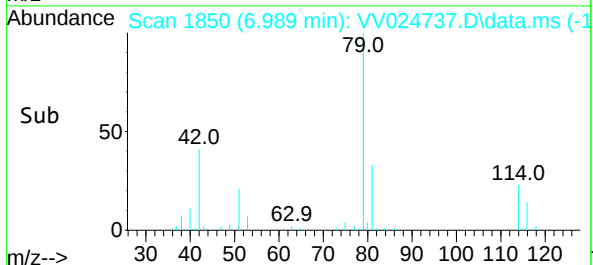
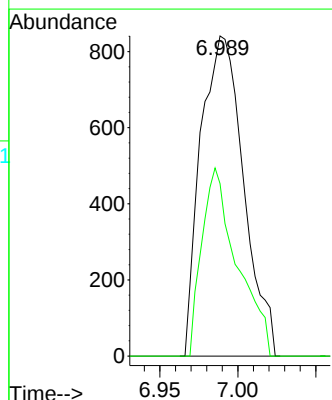
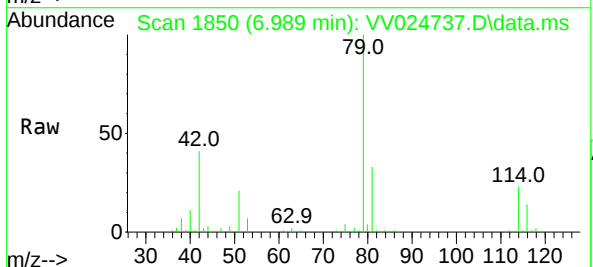
Acq: 17 Feb 2022 21:09

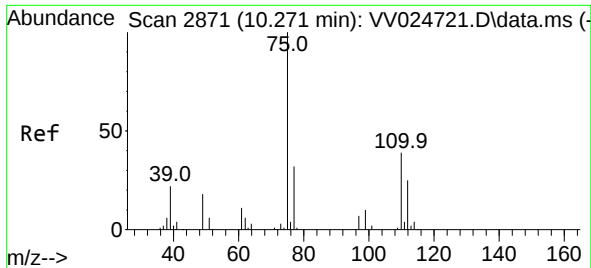
Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 53.9 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.509 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024737.D

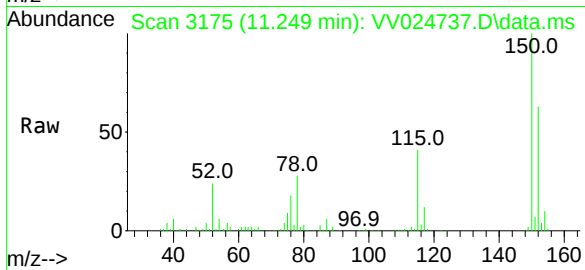
Acq: 17 Feb 2022 21:09

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Tgt Ion: 75 Resp: 9652

Ion Ratio Lower Upper

75 100

77 33.0 26.3 39.5

110 2.4 30.3 45.5#

