

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024764.D
 Acq On : 18 Feb 2022 19:24
 Operator : SY/MD
 Sample : N1510-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M30

Quant Time: Feb 19 00:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

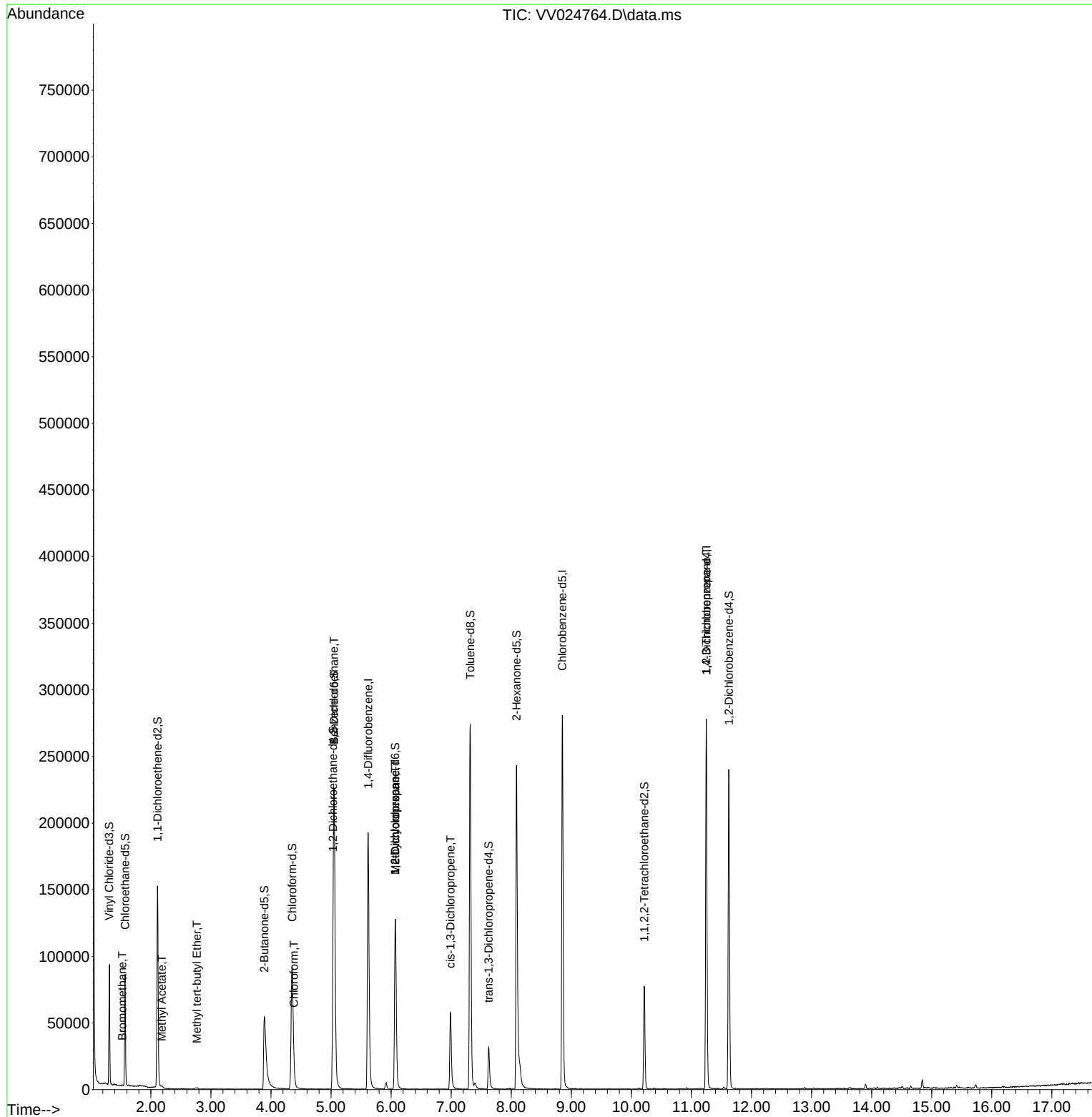
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	167738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	153844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58011	4.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.571	69	52328	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.111	63	79771	3.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.889	46	106500	52.406	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	4.352	84	97077	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.034	65	48093	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	212619	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.069	67	64635	4.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	181298	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.625	79	19871	4.567	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.088	63	86562	50.559	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38147	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	59037	4.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
6) Bromomethane	1.523	94	521	0.049	ug/L	81
15) Methyl Acetate	2.182	43	3355	0.894	ug/L #	49
17) Methyl tert-butyl Ether	2.767	73	920	0.036	ug/L #	93
25) Chloroform	4.381	83	6947	0.285	ug/L	97
27) 1,2-Dichloroethane	5.050	62	1131	0.087	ug/L #	73
35) Methylcyclohexane	6.069	83	15060	0.676	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	7147	0.581	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1539	0.090	ug/L #	48
61) 1,2,3-Trichloropropane	11.246	75	9143	1.472	ug/L #	68

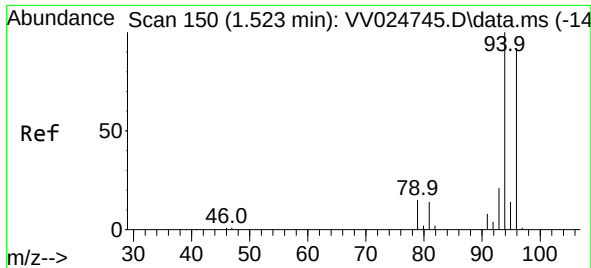
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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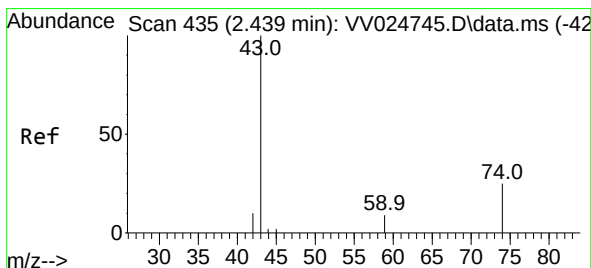
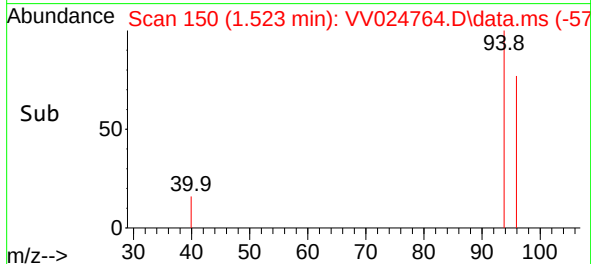
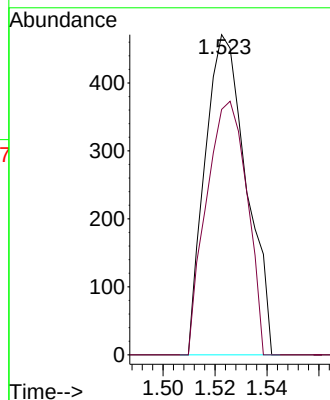
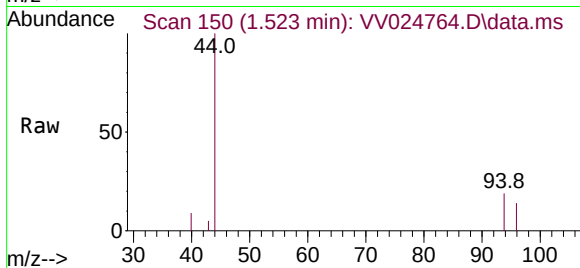




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024764.D
Acq: 18 Feb 2022 19:24

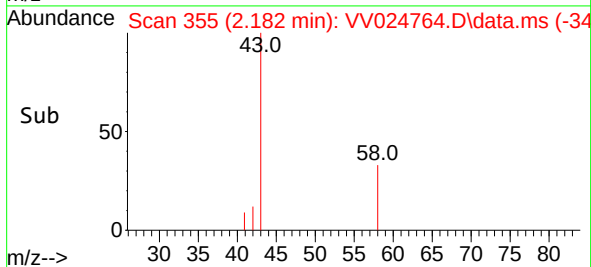
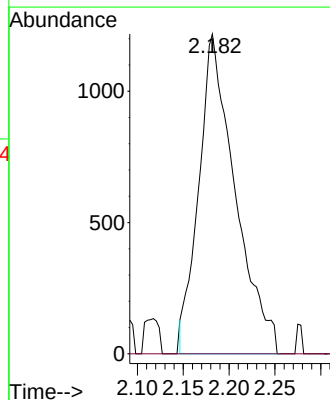
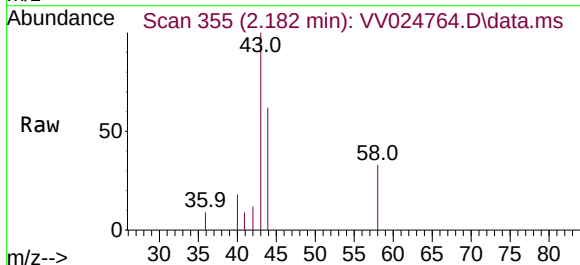
Instrument :
MSVOA_V
ClientSampleId :
F4M30

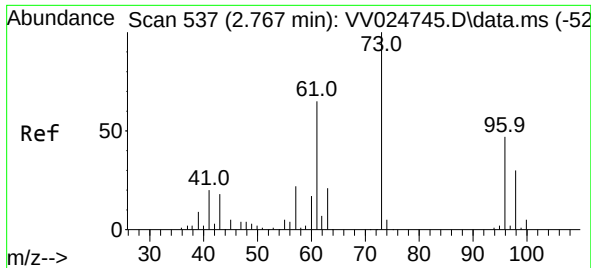
Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 76.6 66.5 123.5



#15
Methyl Acetate
Concen: 0.894 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV024764.D
Acq: 18 Feb 2022 19:24

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#17

Methyl tert-butyl Ether

Concen: 0.036 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV024764.D

Acq: 18 Feb 2022 19:24

Instrument :

MSVOA_V

ClientSampleId :

F4M30

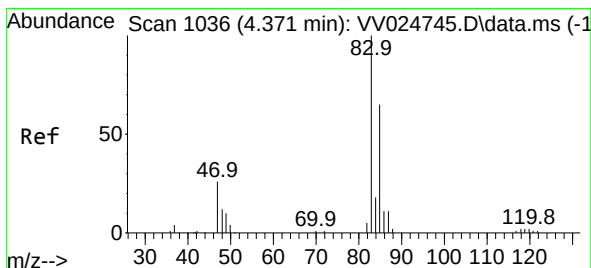
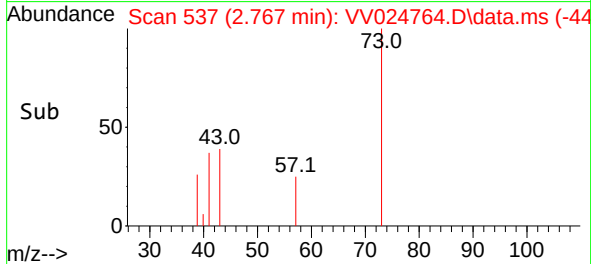
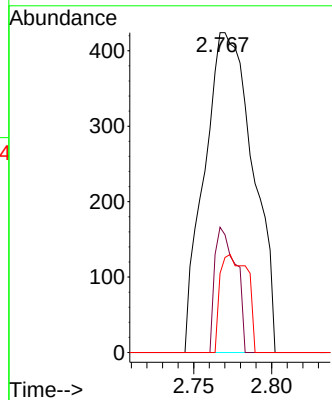
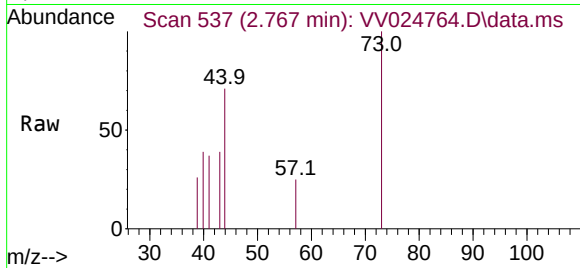
Tgt Ion: 73 Resp: 920

Ion Ratio Lower Upper

73 100

43 17.0 15.1 22.7

57 17.1 17.4 26.2#



#25

Chloroform

Concen: 0.285 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV024764.D

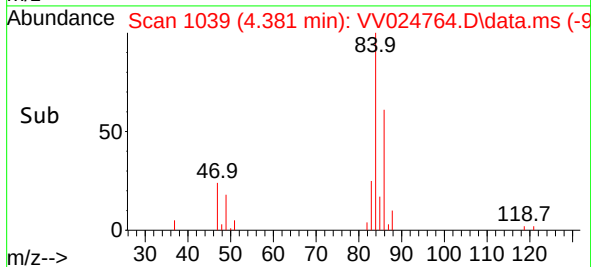
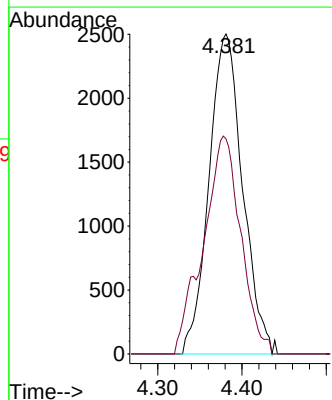
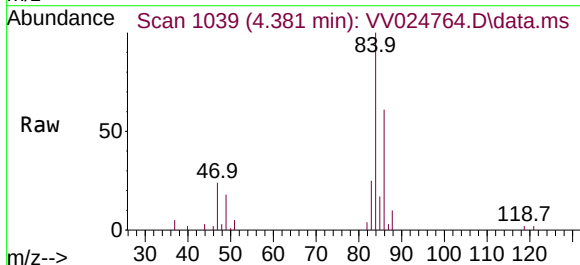
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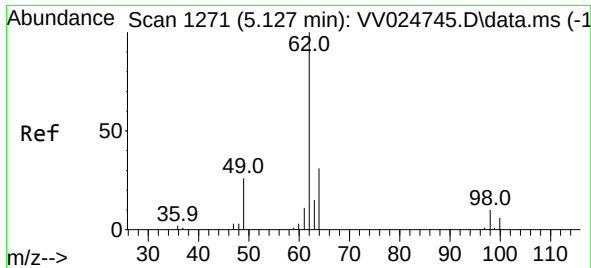
Tgt Ion: 83 Resp: 6947

Ion Ratio Lower Upper

83 100

85 67.2 45.5 84.5

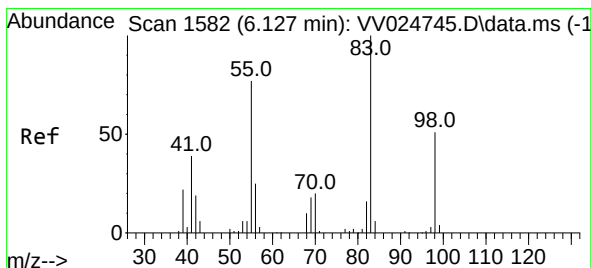
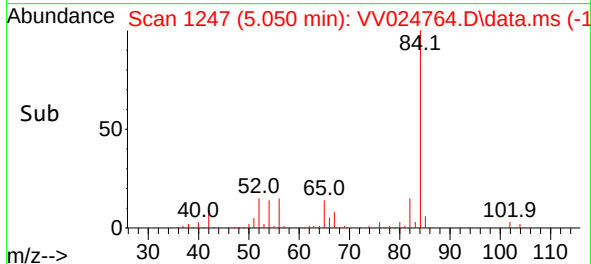
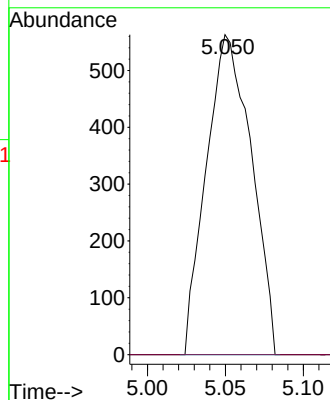
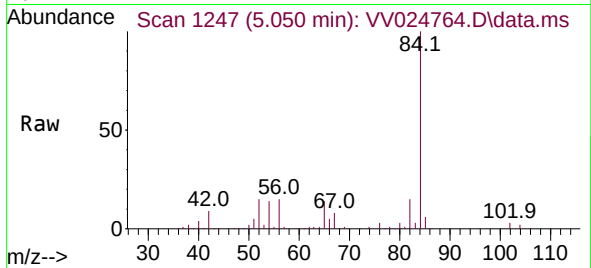




#27
 1,2-Dichloroethane
 Concen: 0.087 ug/L
 RT: 5.050 min Scan# 1131
 Delta R.T. -0.077 min
 Lab File: VV024764.D
 Acq: 18 Feb 2022 19:24

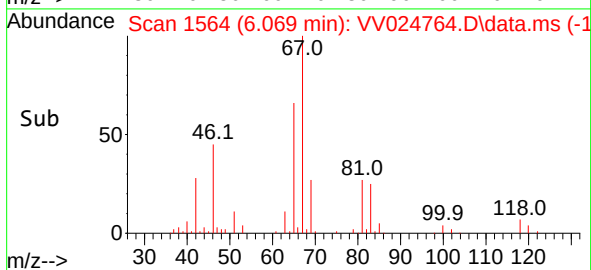
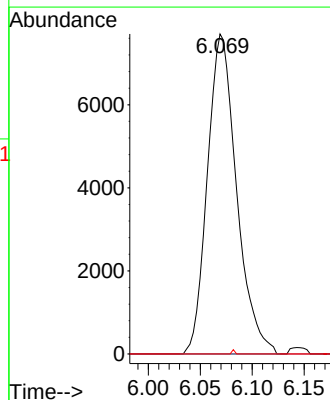
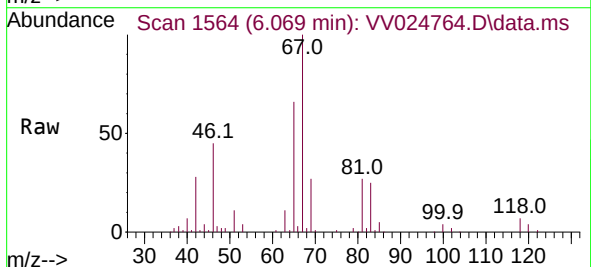
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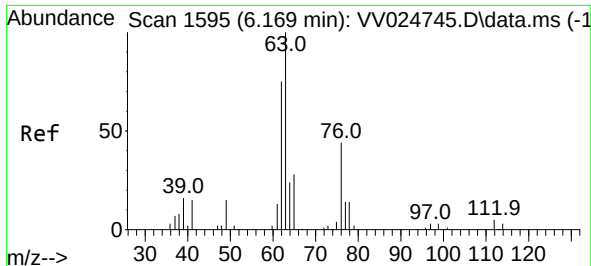
Tgt Ion: 62 Resp: 1131
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.676 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.058 min
 Lab File: VV024764.D
 Acq: 18 Feb 2022 19:24

Tgt Ion: 83 Resp: 15060
 Ion Ratio Lower Upper
 83 100
 55 0.0 58.8 88.2#
 98 6.1 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024764.D

Acq: 18 Feb 2022 19:24

Instrument :

MSVOA_V

ClientSampleId :

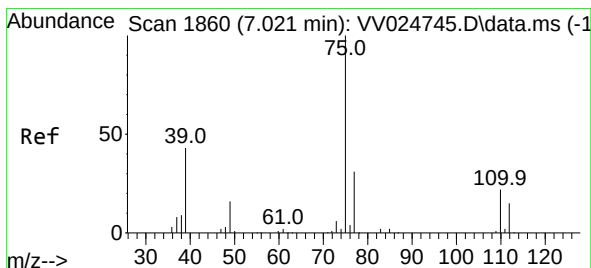
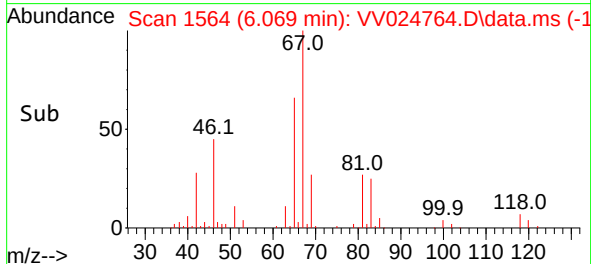
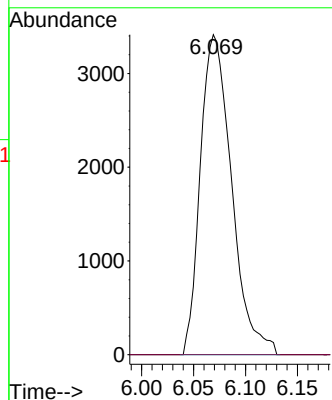
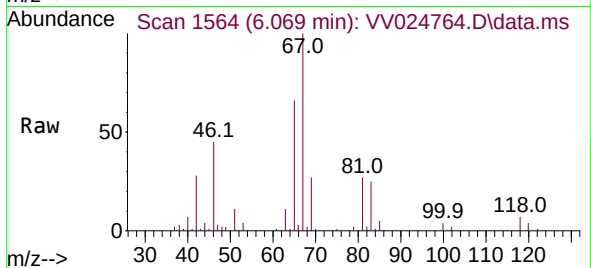
F4M30

Tgt Ion: 63 Resp: 7147

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.032 min

Lab File: VV024764.D

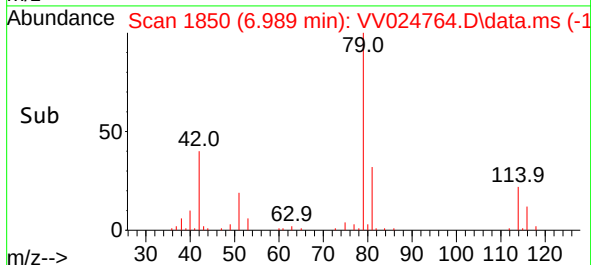
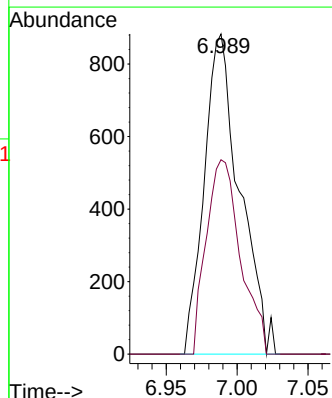
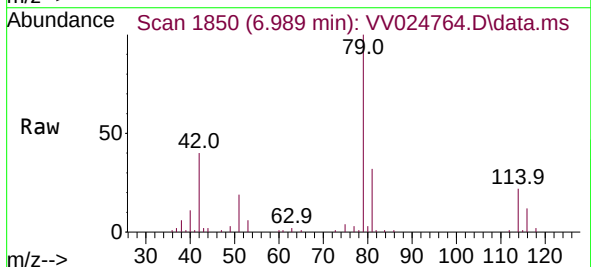
Acq: 18 Feb 2022 19:24

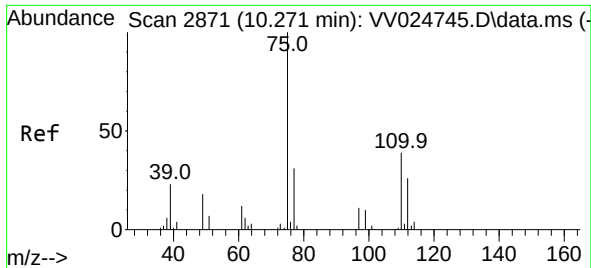
Tgt Ion: 75 Resp: 1539

Ion Ratio Lower Upper

75 100

77 60.7 22.3 41.5#





#61

1,2,3-Trichloropropane

Concen: 1.472 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV024764.D

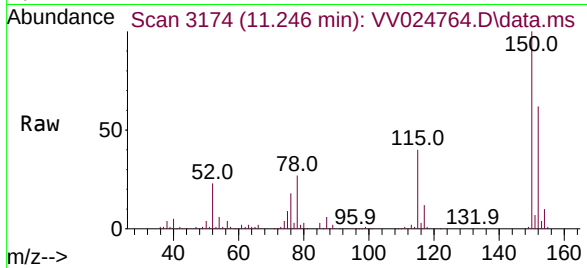
Acq: 18 Feb 2022 19:24

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Tgt Ion: 75 Resp: 9143

Ion Ratio Lower Upper

75 100

77 33.5 26.3 39.5

110 2.0 30.3 45.5#

