

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026705.D
 Acq On : 08 Jul 2022 18:48
 Operator : SY/MD
 Sample : N3601-21 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB6

Quant Time: Jul 08 23:59:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

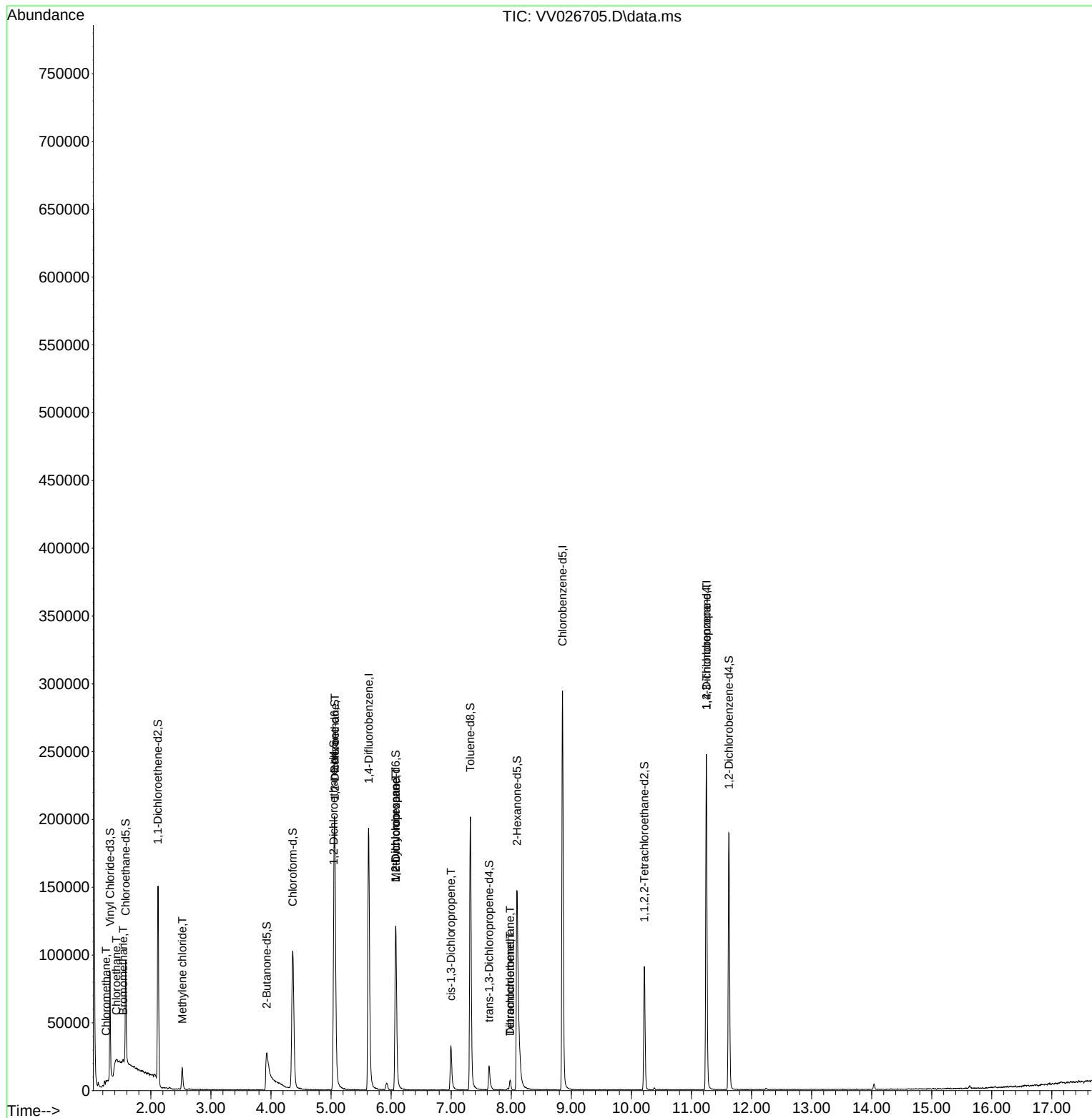
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	178846	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	177211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53859	3.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.580	69	50734	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.117	63	75500	2.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.931	46	66356	46.404	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.362	84	114254	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.043	65	45711	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.059	84	198137	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.075	67	61910	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.320	98	144759	3.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.632	79	12824	3.544	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.800%
46) 2-Hexanone-d5	8.095	63	59706	43.325	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46442	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53853	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1475	0.099	ug/L	88
6) Bromomethane	1.539	94	1075	0.125	ug/L	94
8) Chloroethane	1.426	64	27086	2.511	ug/L #	57
16) Methylene chloride	2.523	84	7543	0.588	ug/L	83
27) 1,2-Dichloroethane	5.066	62	975	0.093	ug/L #	72
35) Methylcyclohexane	6.079	83	16140	0.802	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6369	0.511	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	836	0.067	ug/L #	61
47) Tetrachloroethene	7.982	164	1525	0.141	ug/L	83
49) Dibromochloromethane	7.982	129	1518	0.191	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6819	1.528	ug/L #	65

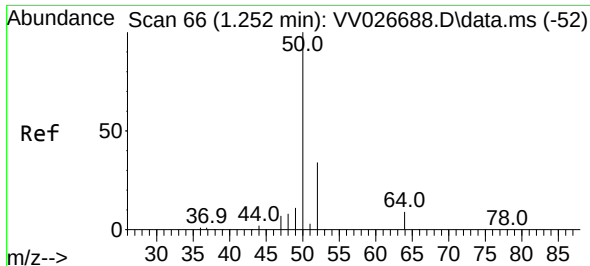
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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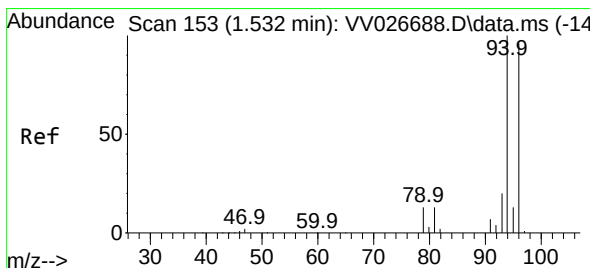
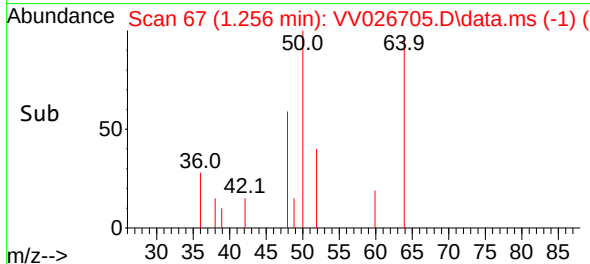
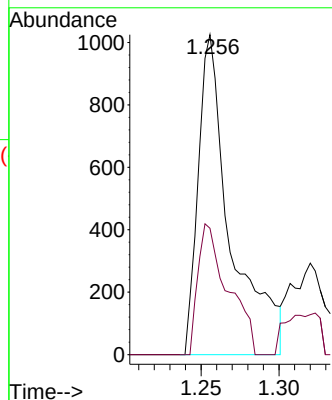
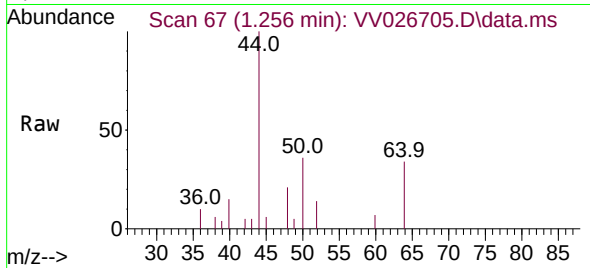




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026705.D
Acq: 08 Jul 2022 18:48

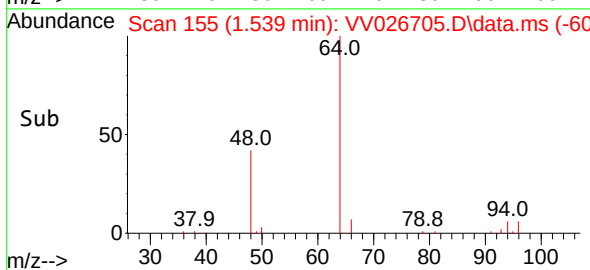
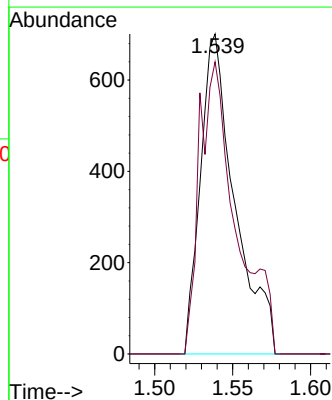
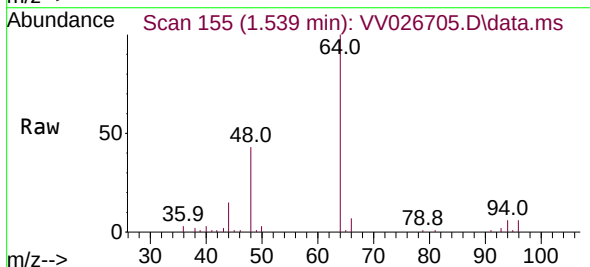
Instrument :
MSVOA_V
ClientSampleId :
DBUB6

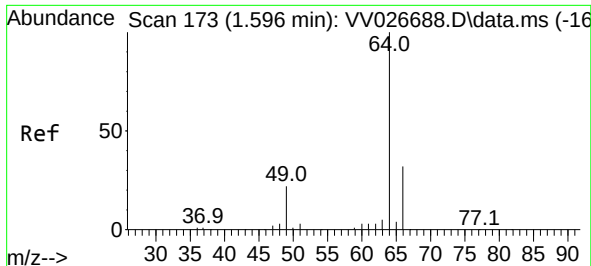
Tgt Ion: 50 Resp: 1475
Ion Ratio Lower Upper
50 100
52 39.5 23.0 42.6



#6
Bromomethane
Concen: 0.125 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026705.D
Acq: 08 Jul 2022 18:48

Tgt Ion: 94 Resp: 1075
Ion Ratio Lower Upper
94 100
96 91.3 68.0 126.2

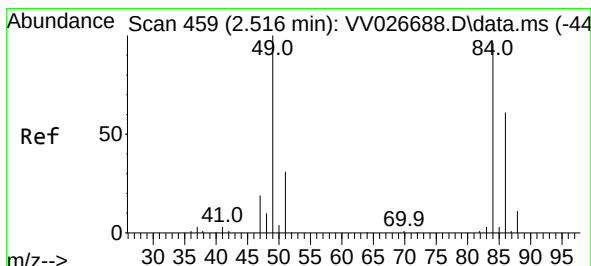
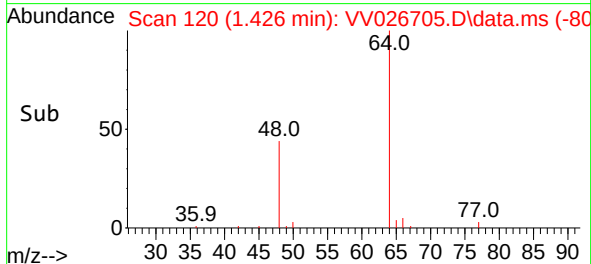
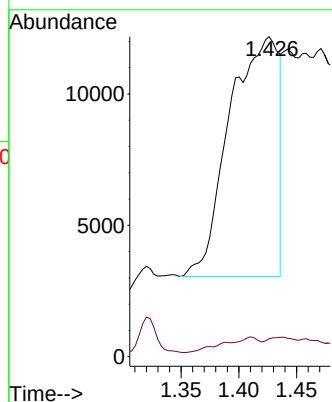
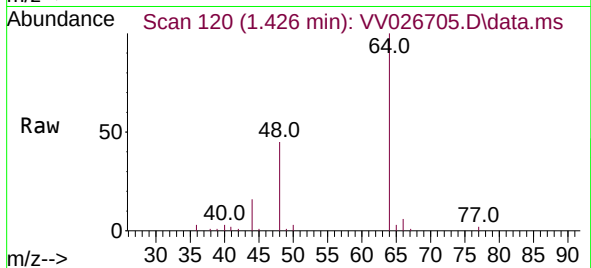




#8
Chloroethane
Concen: 2.511 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.170 min
Lab File: VV026705.D
Acq: 08 Jul 2022 18:48

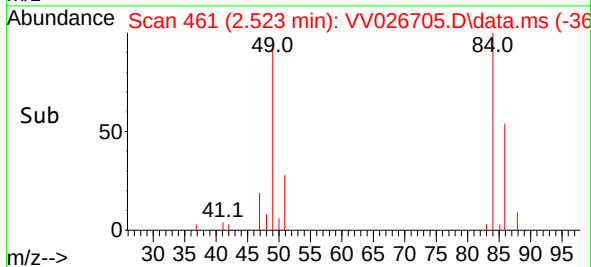
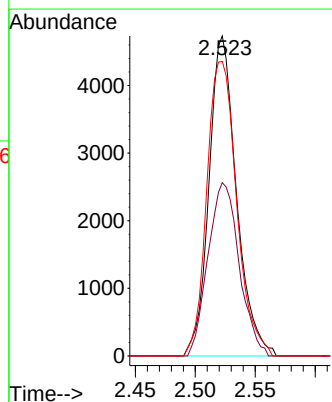
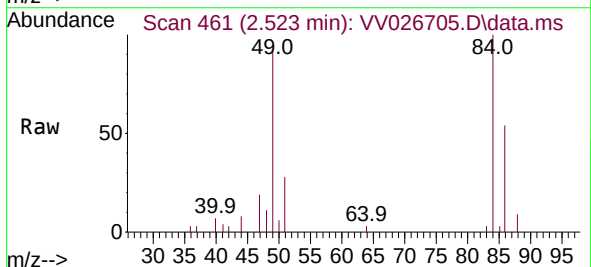
Instrument :
MSVOA_V
ClientSampleId :
DBUB6

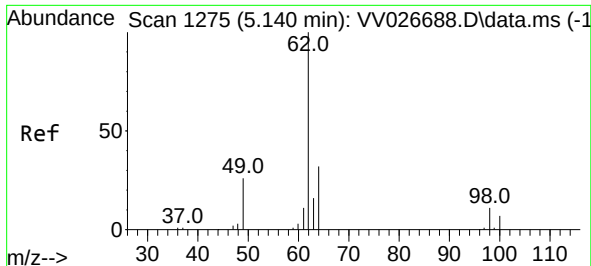
Tgt Ion: 64 Resp: 27086
Ion Ratio Lower Upper
64 100
66 5.6 20.0 37.2#



#16
Methylene chloride
Concen: 0.588 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026705.D
Acq: 08 Jul 2022 18:48

Tgt Ion: 84 Resp: 7543
Ion Ratio Lower Upper
84 100
86 54.2 46.0 85.4
49 92.0 77.7 144.3





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.066 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026705.D

Acq: 08 Jul 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

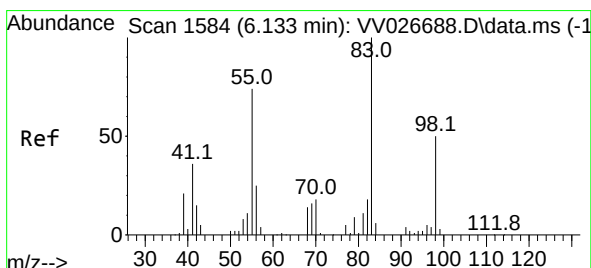
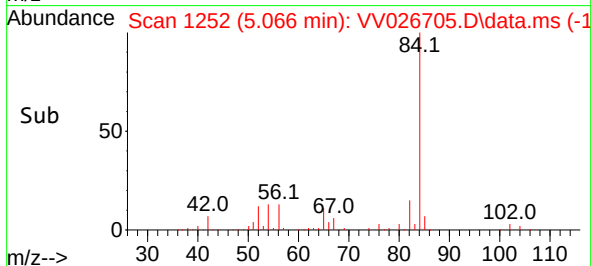
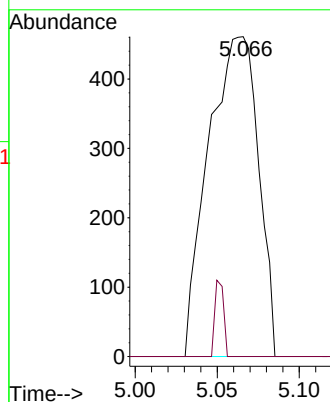
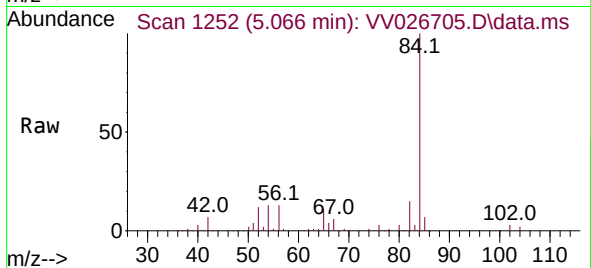
DBUB6

Tgt Ion: 62 Resp: 975

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.802 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.055 min

Lab File: VV026705.D

Acq: 08 Jul 2022 18:48

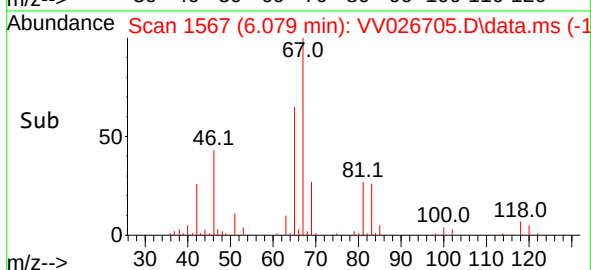
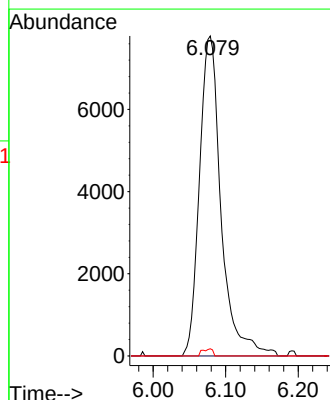
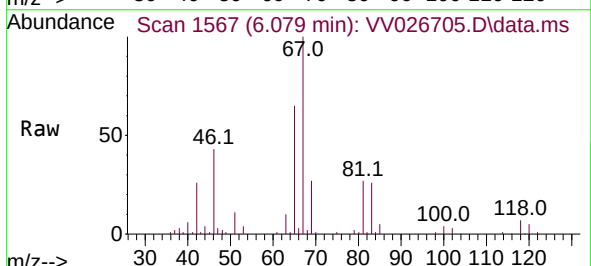
Tgt Ion: 83 Resp: 16140

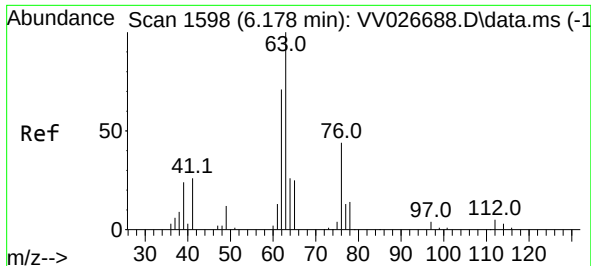
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 1.1 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.511 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026705.D

Acq: 08 Jul 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

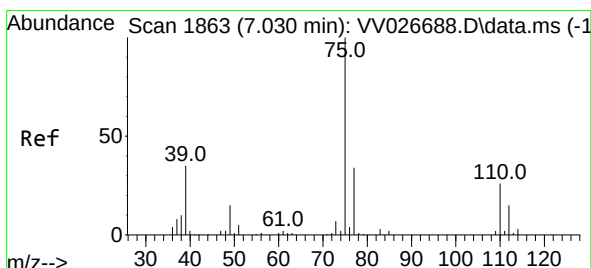
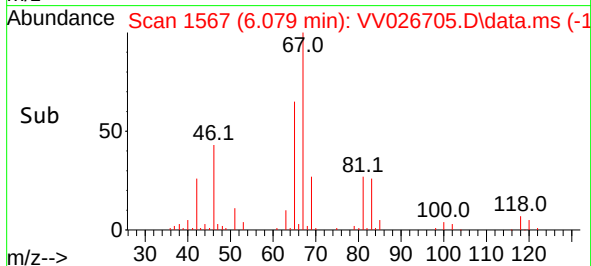
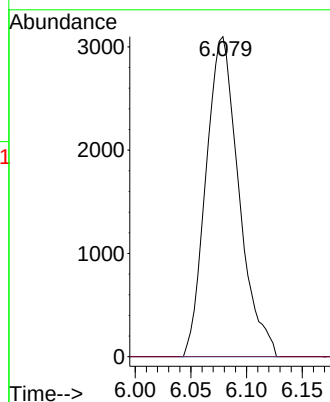
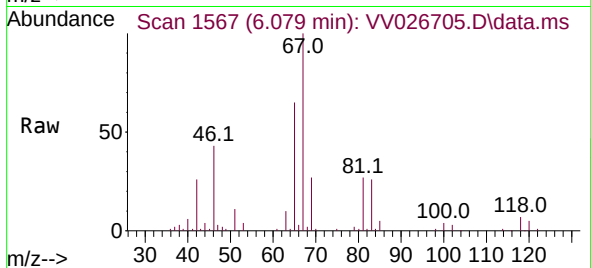
DBUB6

Tgt Ion: 63 Resp: 6369

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026705.D

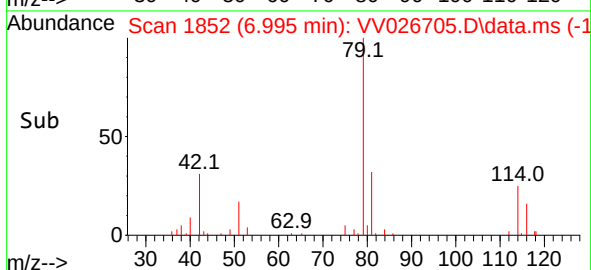
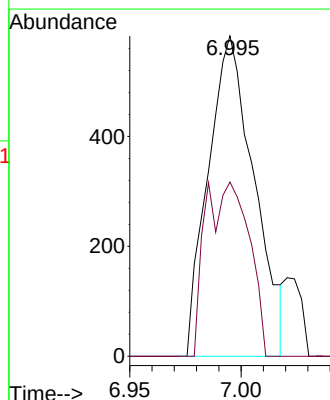
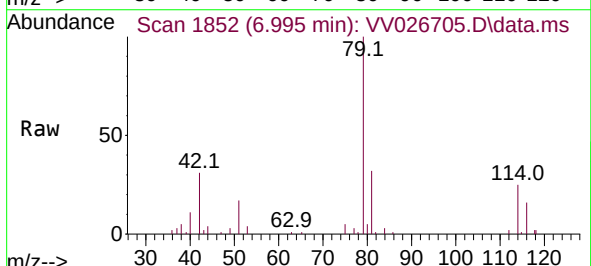
Acq: 08 Jul 2022 18:48

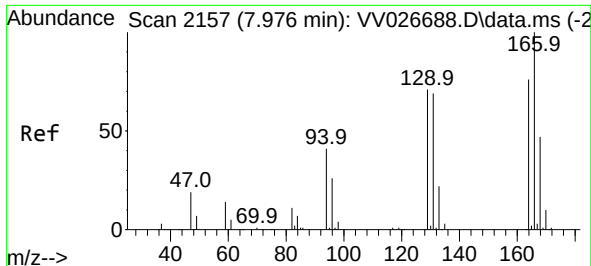
Tgt Ion: 75 Resp: 836

Ion Ratio Lower Upper

75 100

77 54.4 22.8 42.4#





#47

Tetrachloroethene

Concen: 0.141 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026705.D

Acq: 08 Jul 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

DBUB6

Tgt Ion:164 Resp: 1525

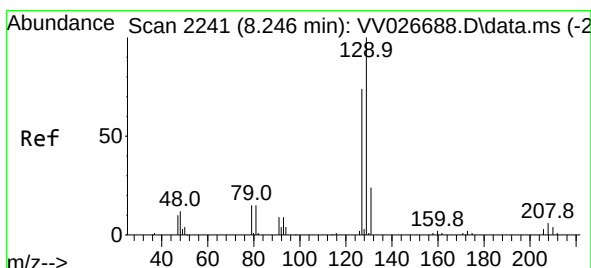
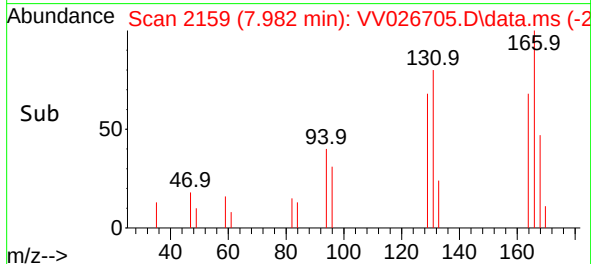
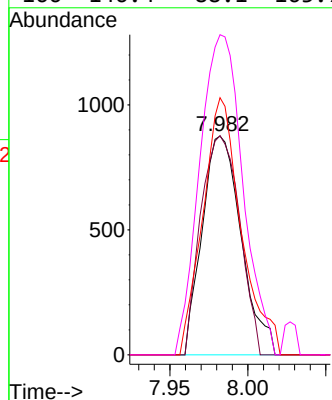
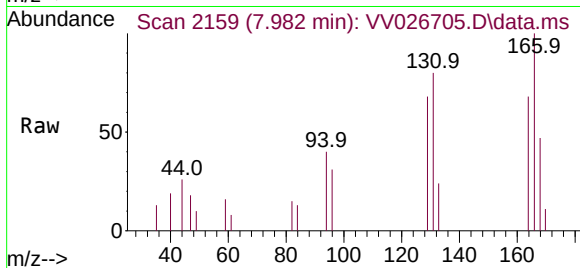
Ion Ratio Lower Upper

164 100

129 100.2 66.4 123.2

131 117.6 64.4 119.6

166 146.4 88.1 163.7



#49

Dibromochloromethane

Concen: 0.191 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026705.D

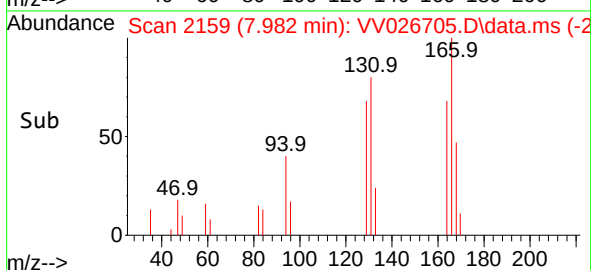
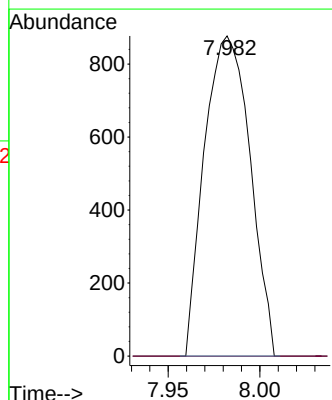
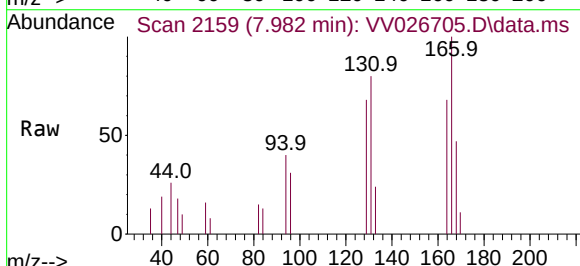
Acq: 08 Jul 2022 18:48

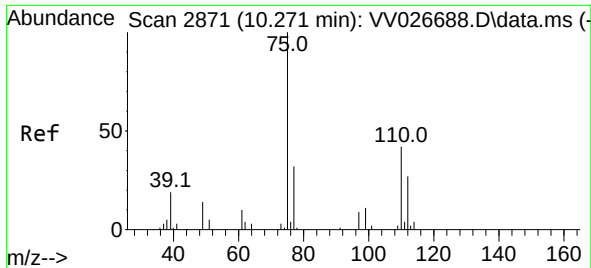
Tgt Ion:129 Resp: 1518

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#





#61

1,2,3-Trichloropropane

Concen: 1.528 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV026705.D

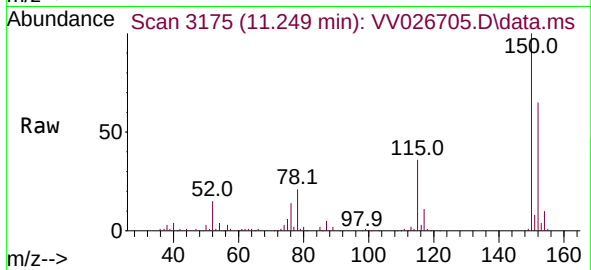
Acq: 08 Jul 2022 18:48

Instrument :

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ClientSampleId :

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Tgt Ion: 75 Resp: 6819

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.6

110 2.1 32.5 48.7#

