

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026707.D
 Acq On : 08 Jul 2022 19:38
 Operator : SY/MD
 Sample : N3601-23 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUC4

Quant Time: Jul 08 23:59:35 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)

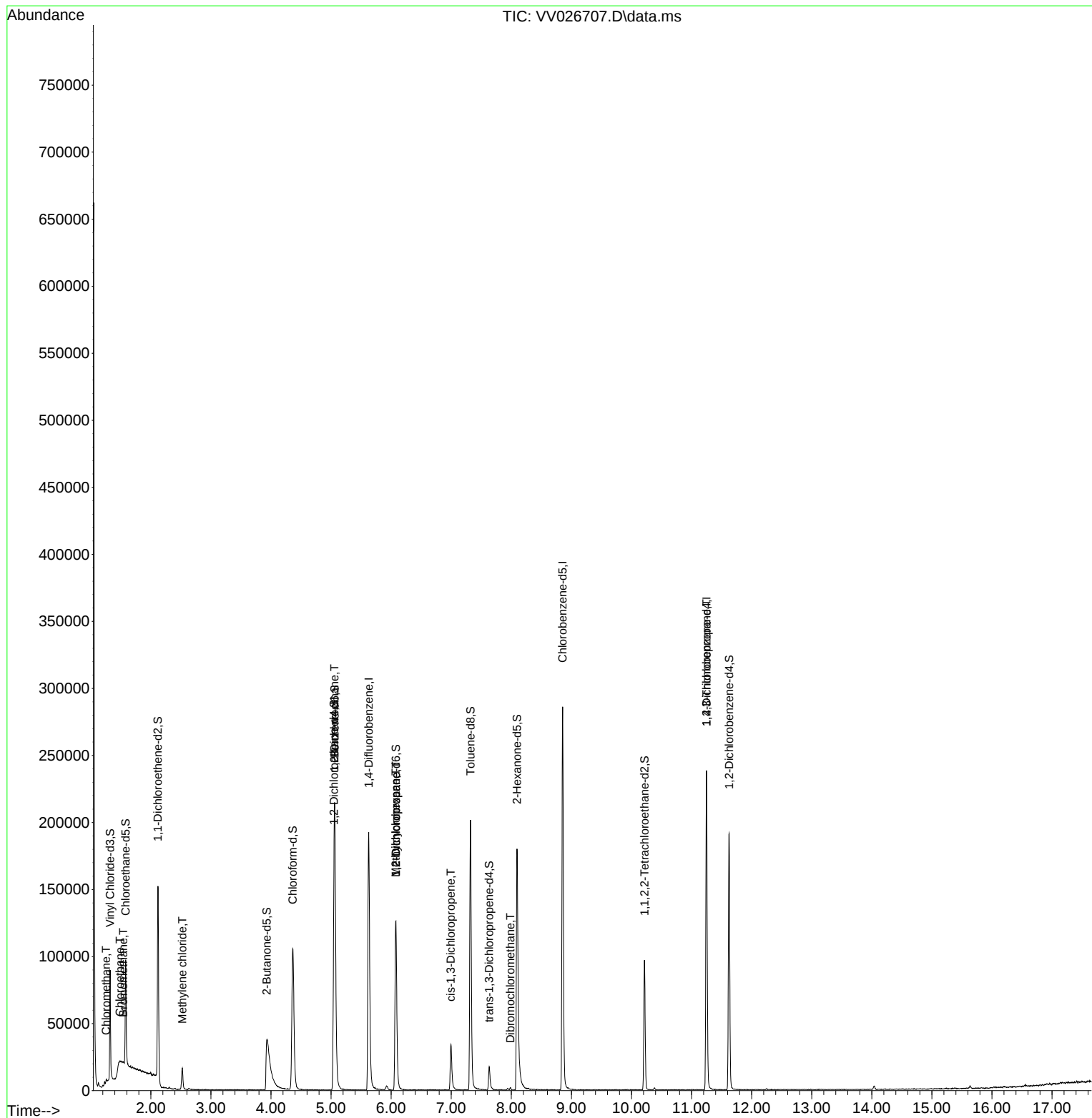
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175937	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53224	3.762	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.580	69	51343	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.117	63	75513	3.003	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.931	46	90786	64.538	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.080%
24) Chloroform-d	4.362	84	116162	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.047	65	47227	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.059	84	202057	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.079	67	65401	4.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.320	98	144372	3.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.632	79	12254	3.500	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%
46) 2-Hexanone-d5	8.095	63	60123	45.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46898	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	52526	4.742	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1361	0.093	ug/L	89
6) Bromomethane	1.539	94	1101	0.130	ug/L	89
8) Chloroethane	1.484	64	25917	2.443	ug/L #	55
16) Methylene chloride	2.523	84	7011	0.556	ug/L	98
27) 1,2-Dichloroethane	5.053	62	958	0.092	ug/L #	72
35) Methylcyclohexane	6.075	83	16560	0.850	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6762	0.560	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	811	0.067	ug/L #	43
49) Dibromochloromethane	7.985	129	486	0.063	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6953	1.604	ug/L #	64

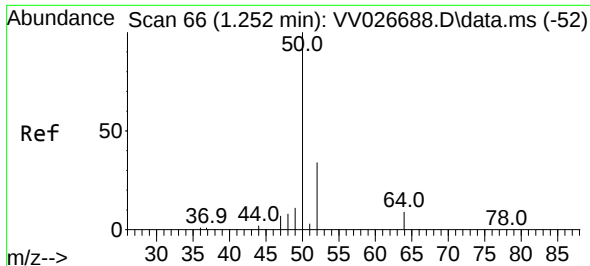
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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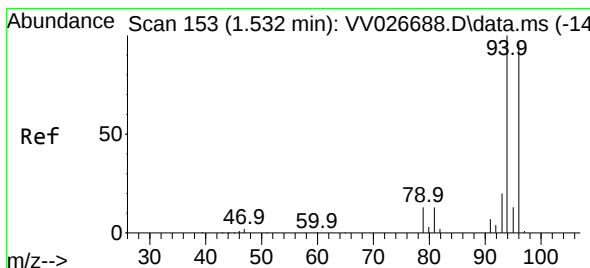
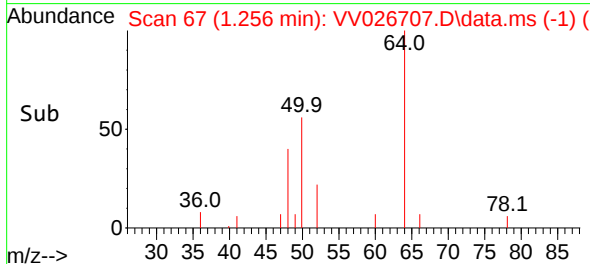
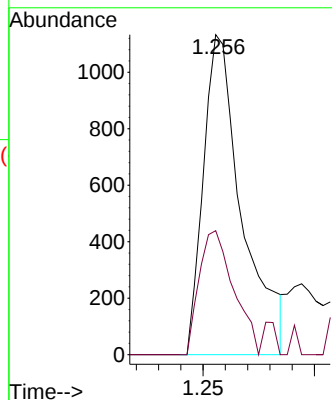
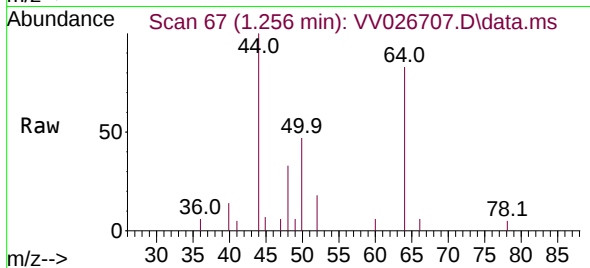




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026707.D
Acq: 08 Jul 2022 19:38

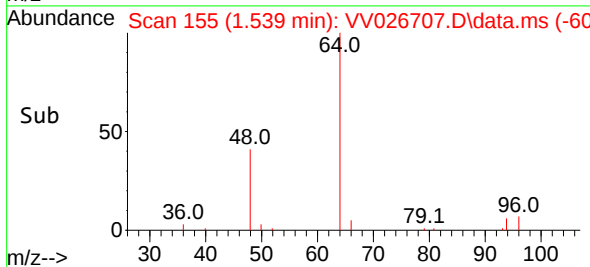
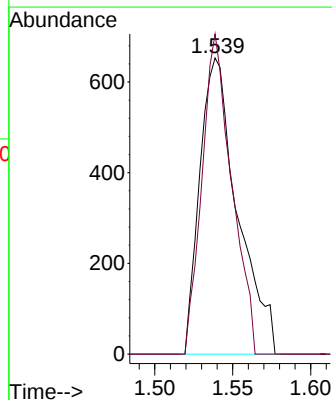
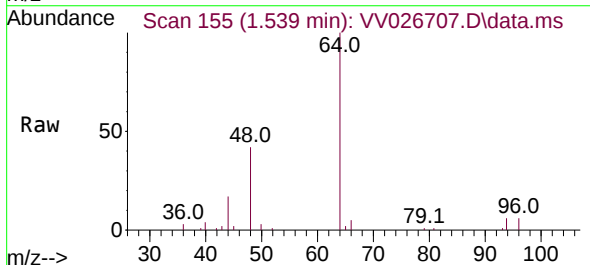
Instrument :
MSVOA_V
ClientSampleId :
DBUC4

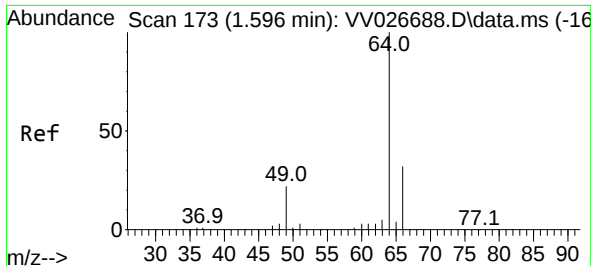
Tgt Ion: 50 Resp: 1361
Ion Ratio Lower Upper
50 100
52 38.7 23.0 42.6



#6
Bromomethane
Concen: 0.130 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.006 min
Lab File: VV026707.D
Acq: 08 Jul 2022 19:38

Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
96 108.1 68.0 126.2

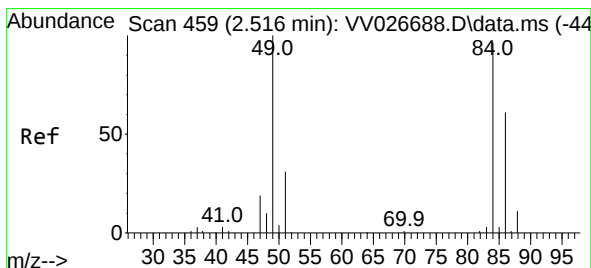
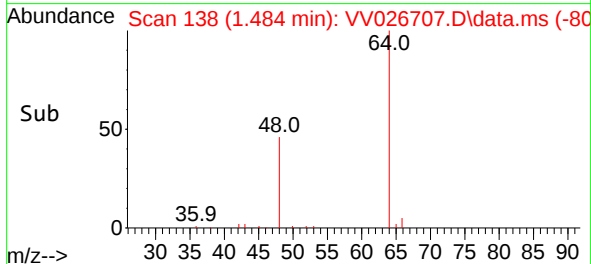
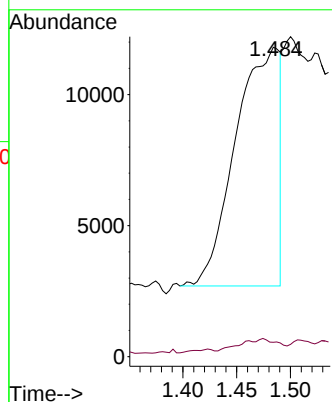
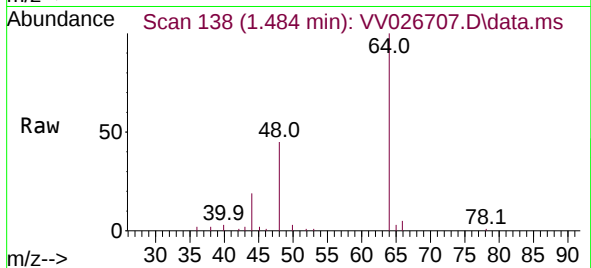




#8
Chloroethane
Concen: 2.443 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.113 min
Lab File: VV026707.D
Acq: 08 Jul 2022 19:38

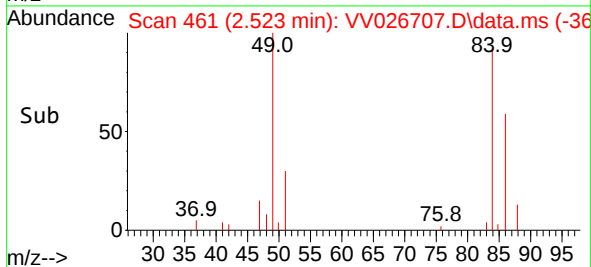
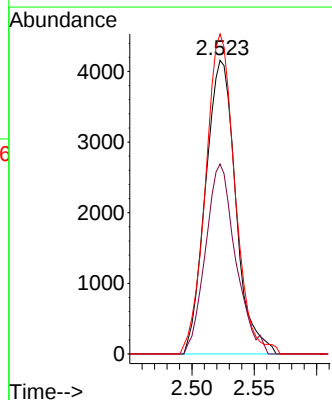
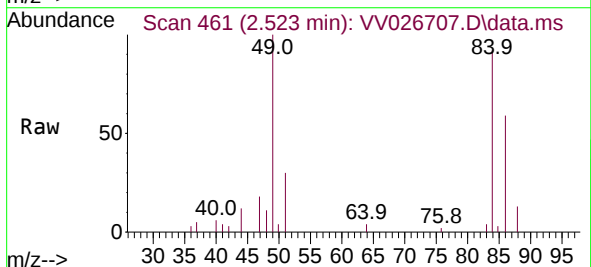
Instrument :
MSVOA_V
ClientSampleId :
DBUC4

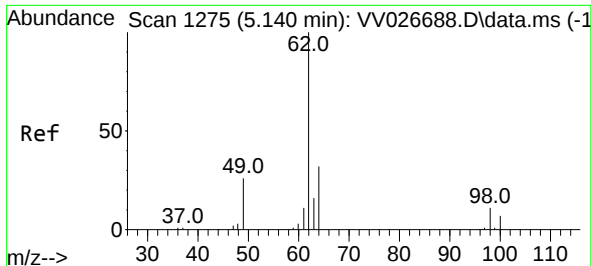
Tgt Ion: 64 Resp: 25917
Ion Ratio Lower Upper
64 100
66 4.7 20.0 37.2#



#16
Methylene chloride
Concen: 0.556 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026707.D
Acq: 08 Jul 2022 19:38

Tgt Ion: 84 Resp: 7011
Ion Ratio Lower Upper
84 100
86 64.7 46.0 85.4
49 109.0 77.7 144.3





#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV026707.D

Acq: 08 Jul 2022 19:38

Instrument :

MSVOA_V

ClientSampleId :

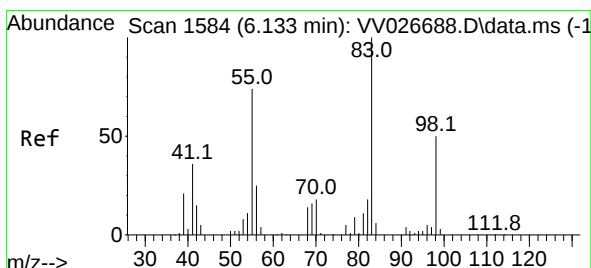
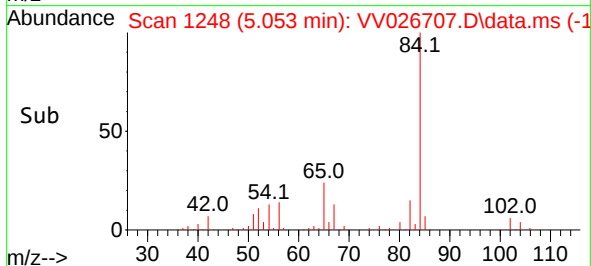
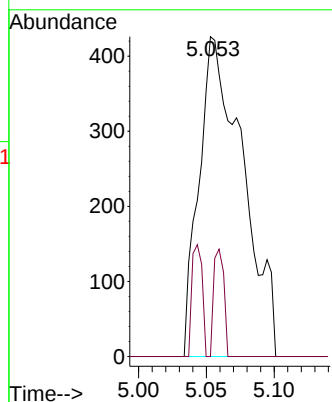
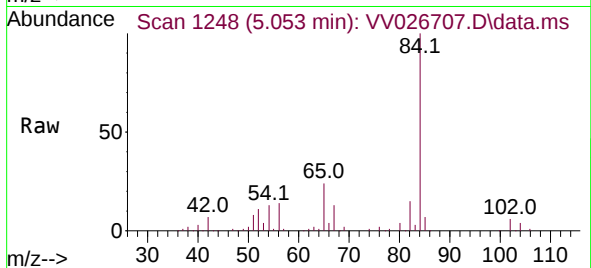
DBUC4

Tgt Ion: 62 Resp: 958

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026707.D

Acq: 08 Jul 2022 19:38

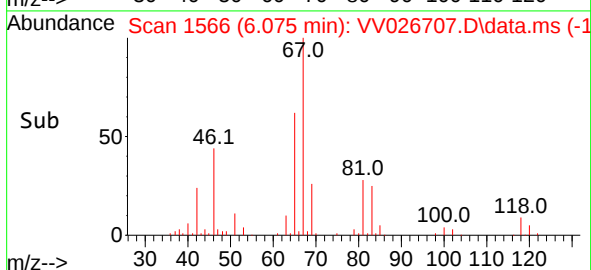
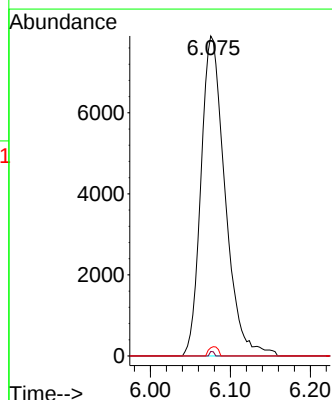
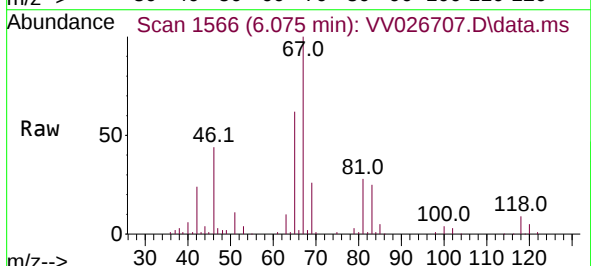
Tgt Ion: 83 Resp: 16560

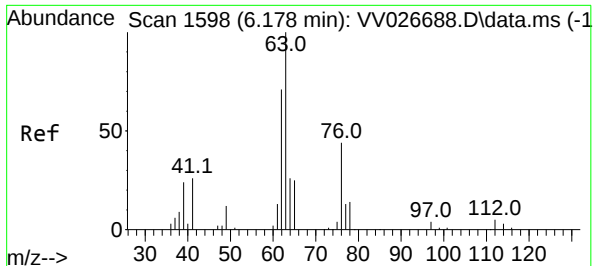
Ion Ratio Lower Upper

83 100

55 0.2 57.0 85.4#

98 1.1 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026707.D

Acq: 08 Jul 2022 19:38

Instrument :

MSVOA_V

ClientSampleId :

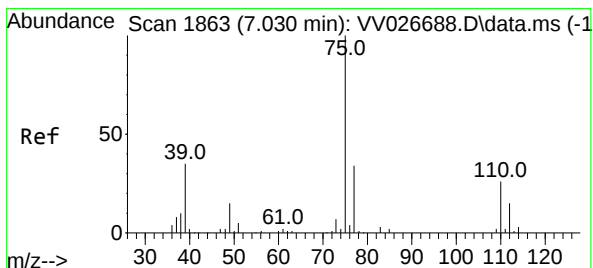
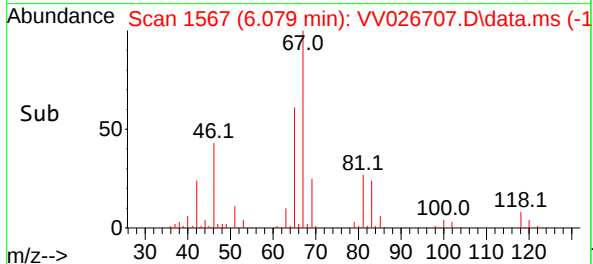
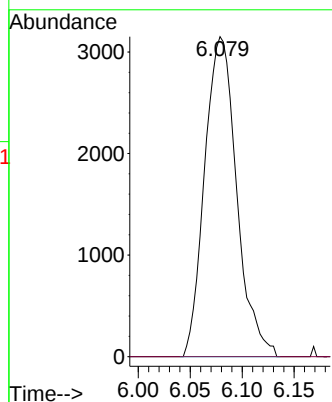
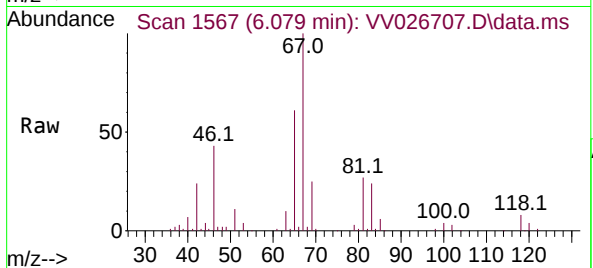
DBUC4

Tgt Ion: 63 Resp: 6762

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026707.D

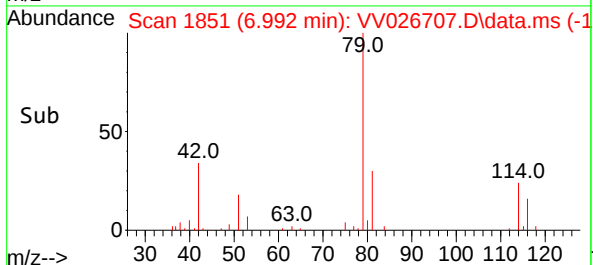
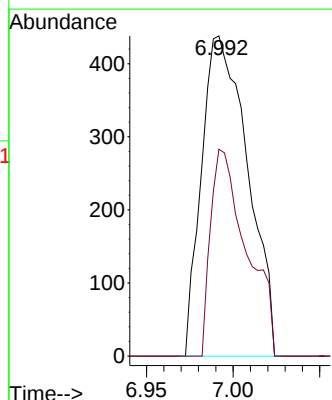
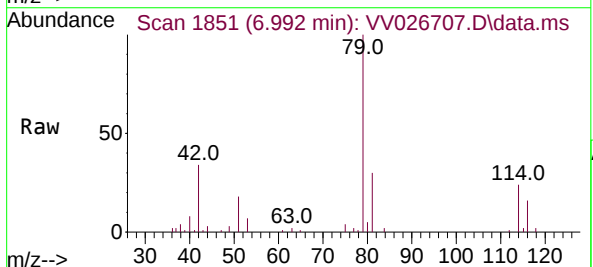
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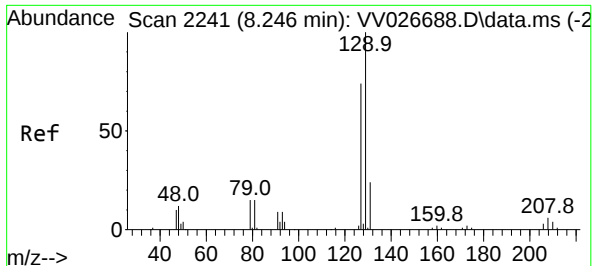
Tgt Ion: 75 Resp: 811

Ion Ratio Lower Upper

75 100

77 64.6 22.8 42.4#





#49

Dibromochloromethane

Concen: 0.063 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV026707.D

Acq: 08 Jul 2022 19:38

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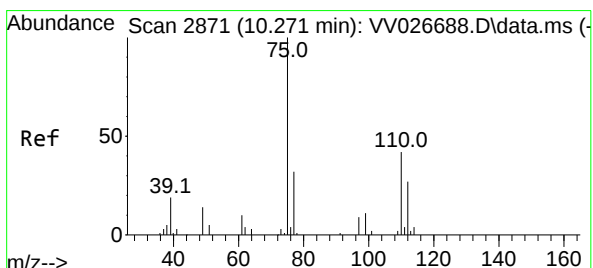
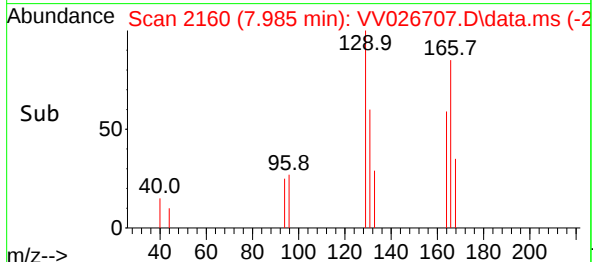
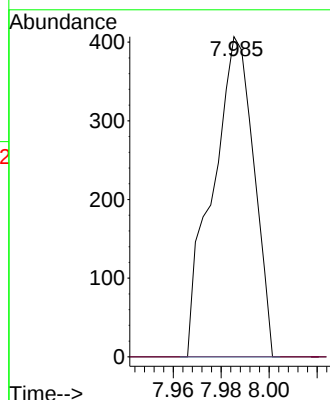
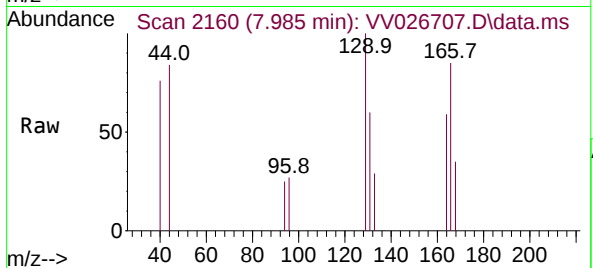
DBUC4

Tgt Ion:129 Resp: 486

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.604 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026707.D

Acq: 08 Jul 2022 19:38

Tgt Ion: 75 Resp: 6953

Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

110 1.1 32.5 48.7#

