

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070722\
 Data File : VW026682.D
 Acq On : 07 Jul 2022 17:17
 Operator : SY/MD
 Sample : N3601-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4

Quant Time: Jul 08 03:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 02:58:15 2022
 Response via : Initial Calibration

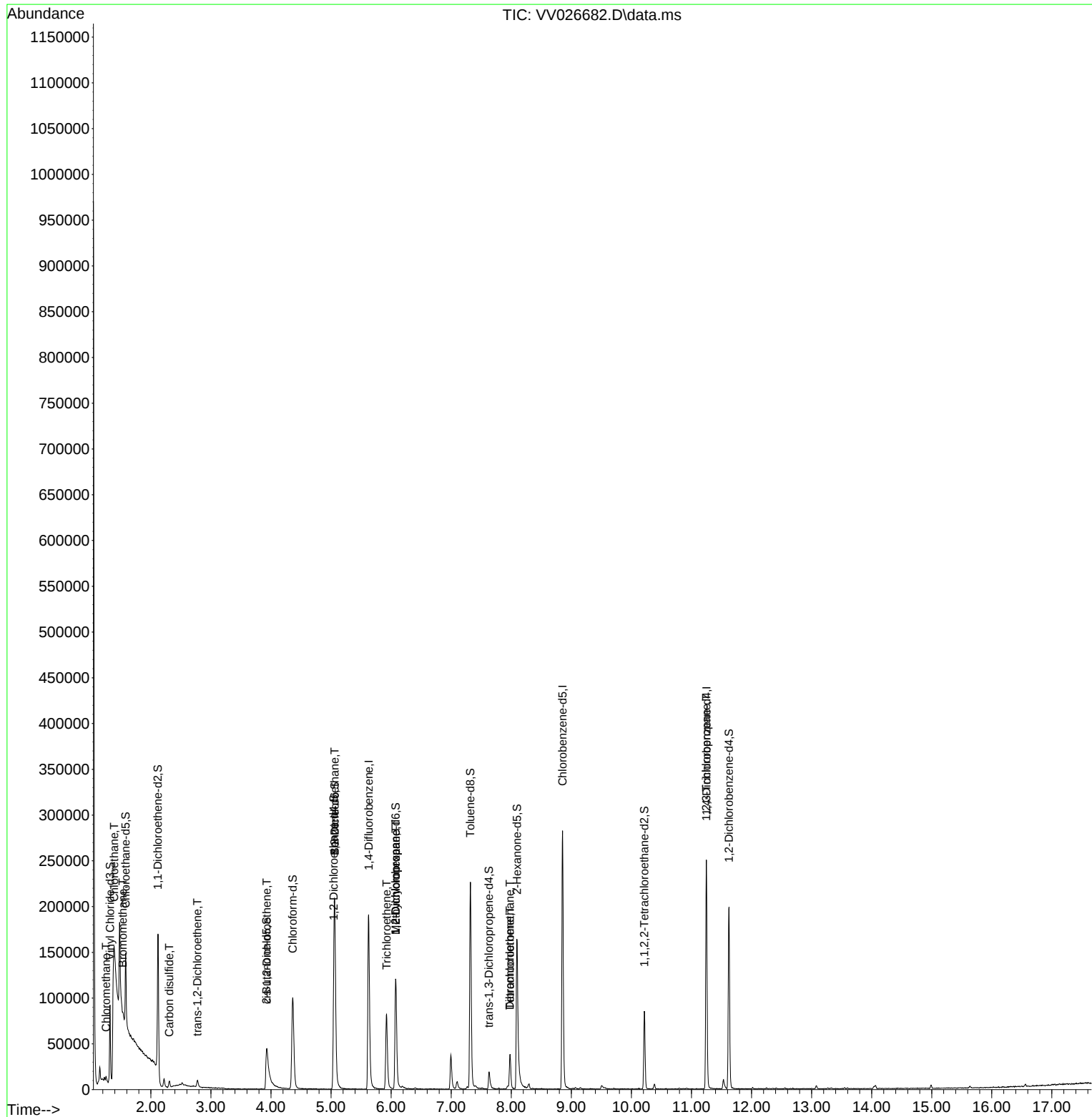
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175150	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	168157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	55907	3.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.581	69	52386	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.118	63	83861	3.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.928	46	79512	56.778	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.560%
24) Chloroform-d	4.362	84	111314	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.044	65	44035	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.060	84	201026	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.076	67	63128	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.320	98	161533	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.629	79	12625	3.677	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.095	63	58884	45.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41593	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	54303	4.802	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	3613	0.248	ug/L	96
6) Bromomethane	1.532	94	1124	0.134	ug/L #	64
8) Chloroethane	1.388	64	599523	56.761	ug/L #	55
14) Carbon disulfide	2.307	76	9408	0.301	ug/L	96
18) trans-1,2-Dichloroethene	2.773	96	3073	0.255	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	9463	0.790	ug/L	85
27) 1,2-Dichloroethane	5.060	62	850	0.082	ug/L #	72
34) Trichloroethene	5.925	95	28585	2.215	ug/L	96
35) Methylcyclohexane	6.076	83	16412	0.859	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	6121	0.517	ug/L #	85
47) Tetrachloroethene	7.979	164	8576	0.835	ug/L	90
49) Dibromochloromethane	7.979	129	8600	1.138	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7215	1.631	ug/L #	64

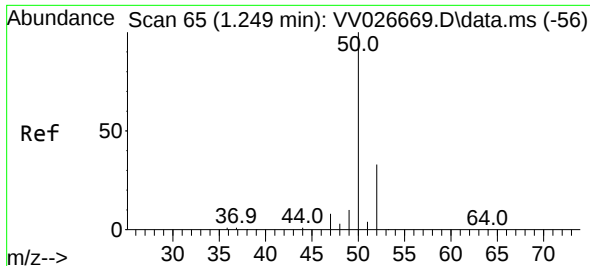
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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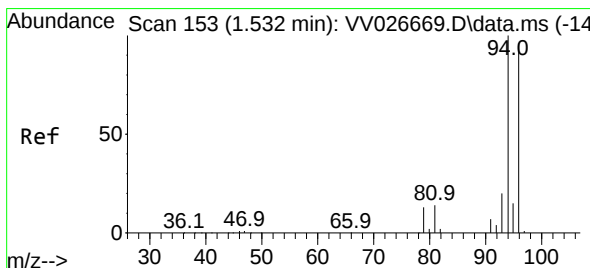
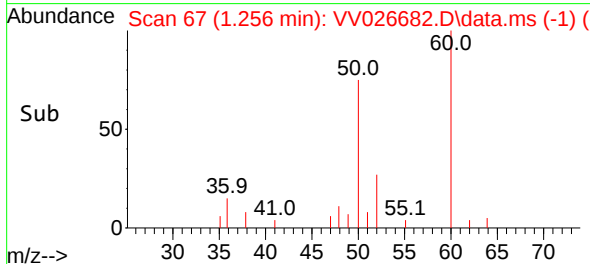
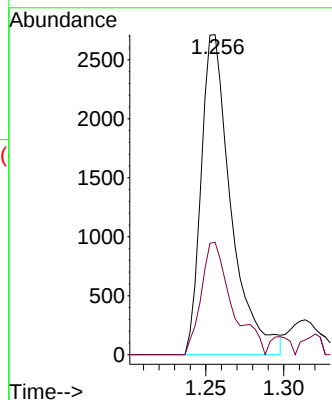
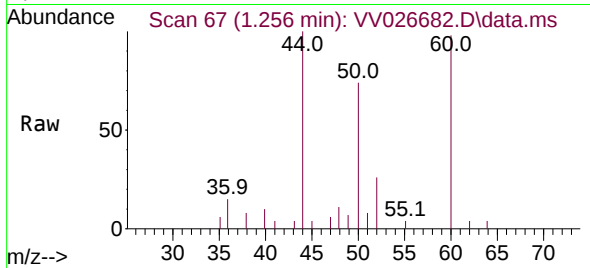




#3
Chloromethane
Concen: 0.248 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

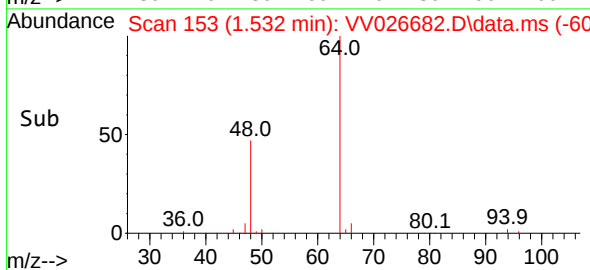
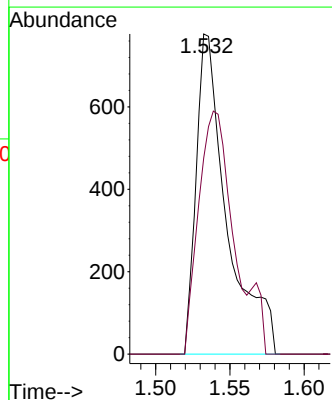
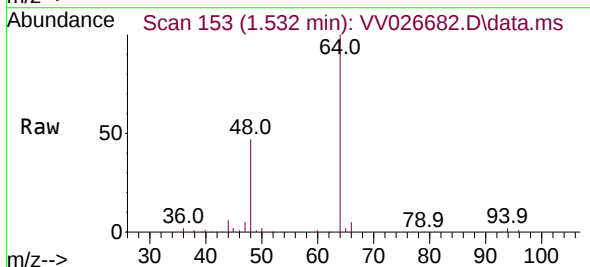
Instrument :
MSVOA_V
ClientSampleId :
DBUB4

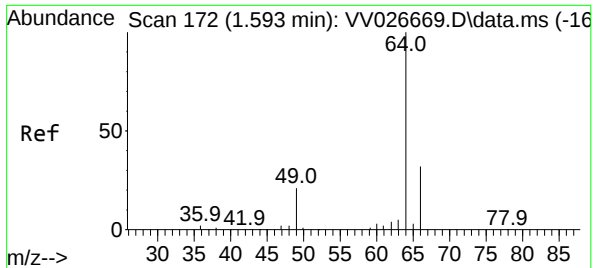
Tgt Ion: 50 Resp: 3613
Ion Ratio Lower Upper
50 100
52 35.2 23.0 42.6



#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.532 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

Tgt Ion: 94 Resp: 1124
Ion Ratio Lower Upper
94 100
96 61.3 68.0 126.2#

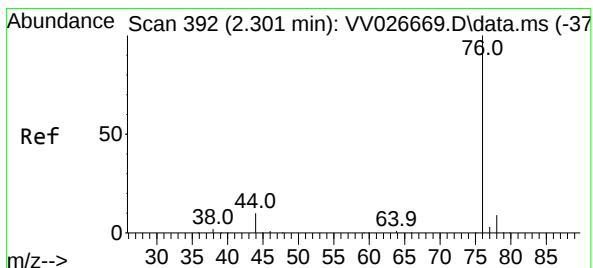
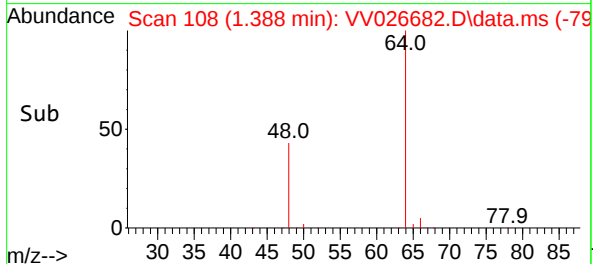
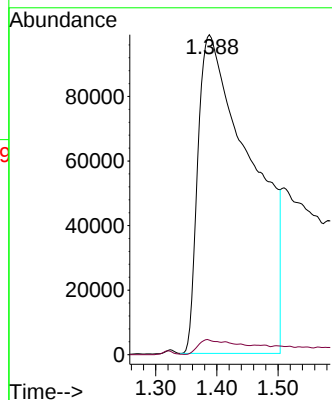
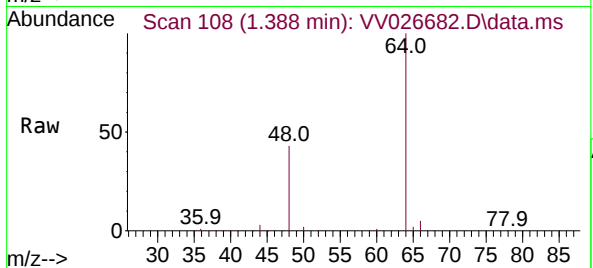




#8
Chloroethane
Concen: 56.761 ug/L
RT: 1.388 min Scan# 108
Delta R.T. -0.206 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

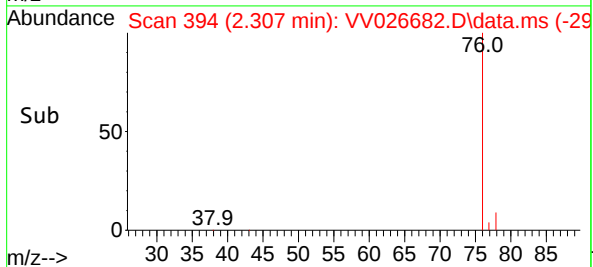
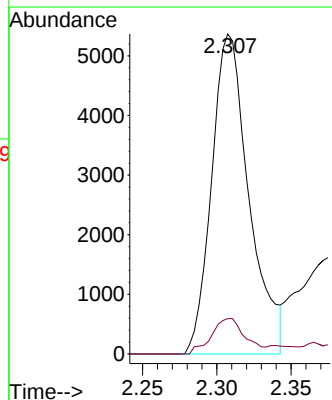
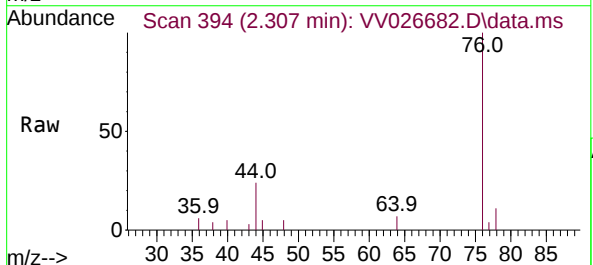
Instrument :
MSVOA_V
ClientSampleId :
DBUB4

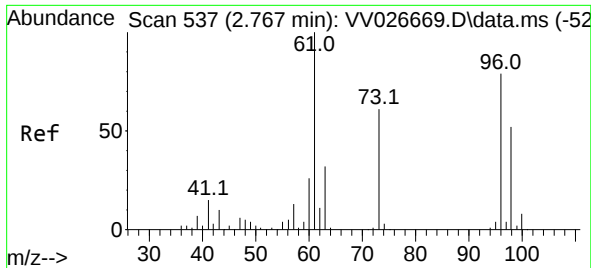
Tgt Ion: 64 Resp: 599523
Ion Ratio Lower Upper
64 100
66 4.6 20.0 37.2#



#14
Carbon disulfide
Concen: 0.301 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.006 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

Tgt Ion: 76 Resp: 9408
Ion Ratio Lower Upper
76 100
78 11.1 7.8 11.6

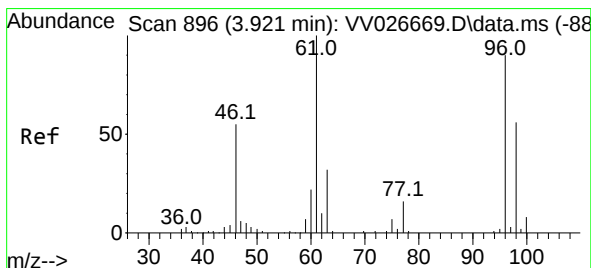
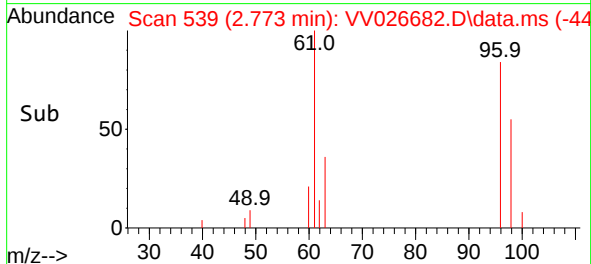
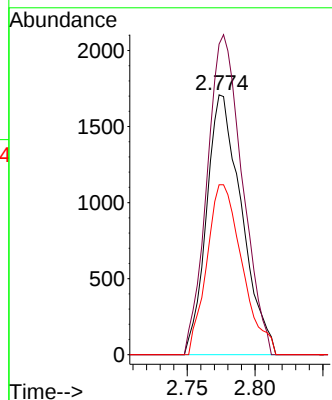
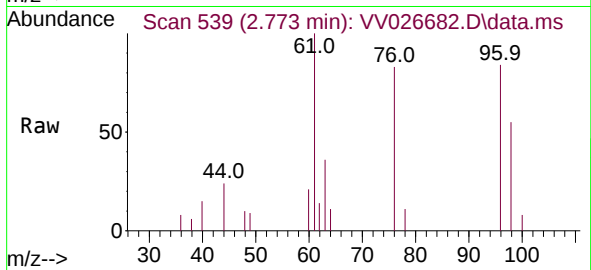




#18
trans-1,2-Dichloroethene
Concen: 0.255 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

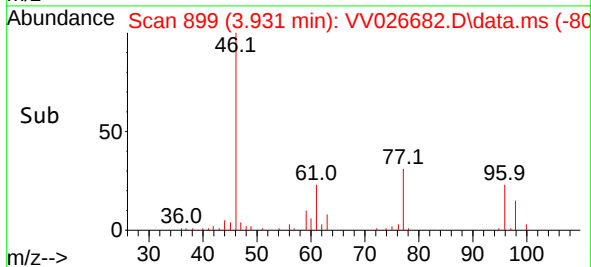
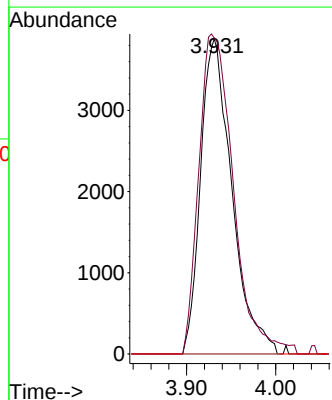
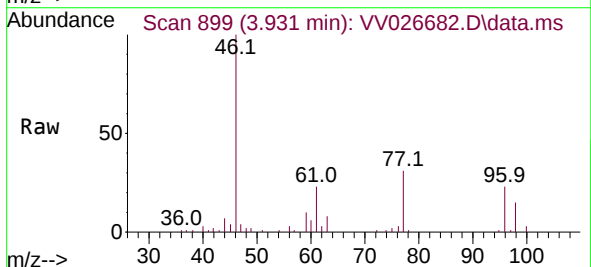
Instrument :
MSVOA_V
ClientSampleId :
DBUB4

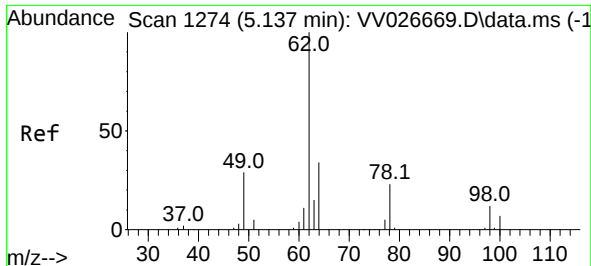
Tgt Ion: 96 Resp: 3073
Ion Ratio Lower Upper
96 100
61 119.6 90.4 167.8
98 65.4 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 0.790 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.010 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

Tgt Ion: 96 Resp: 9463
Ion Ratio Lower Upper
96 100
61 100.2 82.0 152.2
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.060 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV026682.D

Acq: 07 Jul 2022 17:17

Instrument :

MSVOA_V

ClientSampleId :

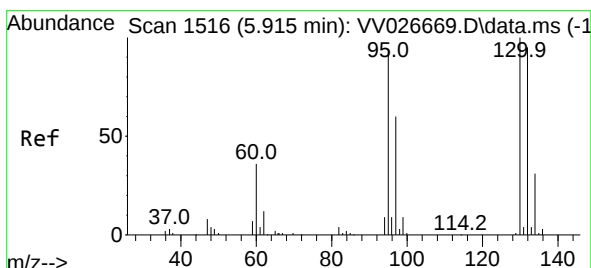
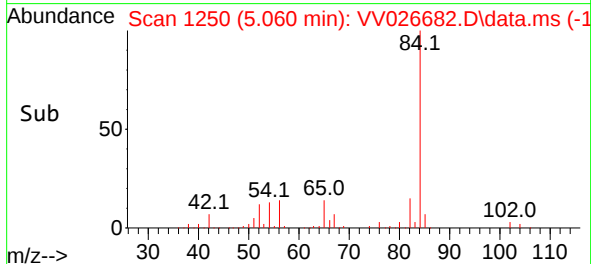
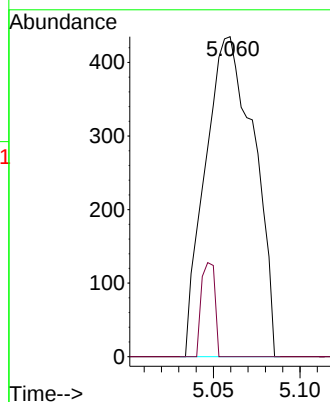
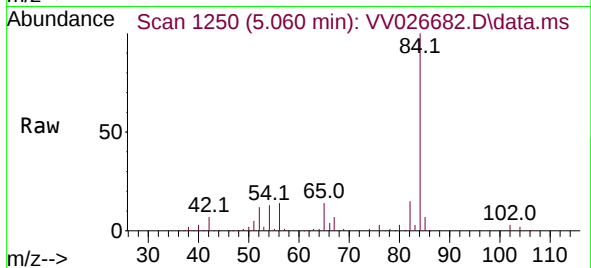
DBUB4

Tgt Ion: 62 Resp: 850

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#34

Trichloroethene

Concen: 2.215 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV026682.D

Acq: 07 Jul 2022 17:17

Tgt Ion: 95 Resp: 28585

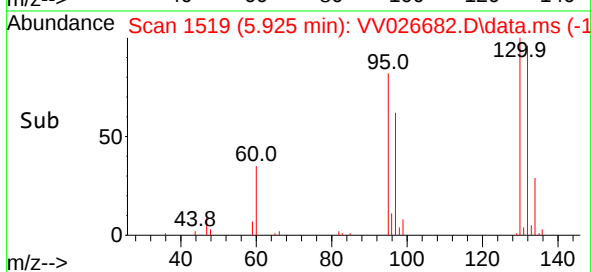
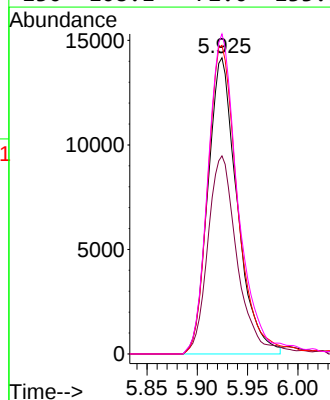
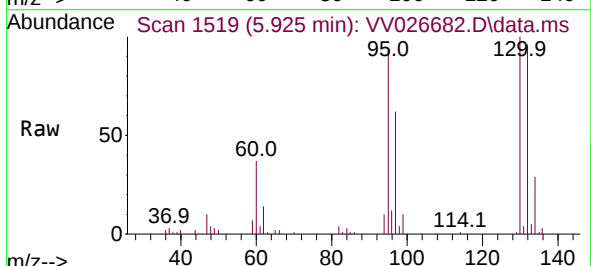
Ion Ratio Lower Upper

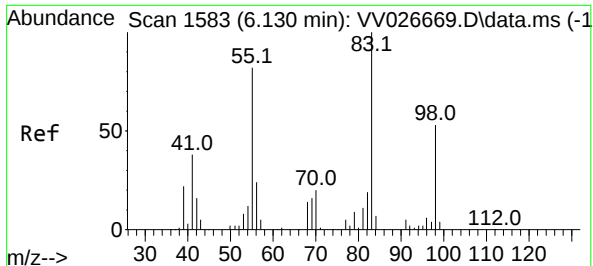
95 100

97 66.9 46.8 87.0

132 104.2 69.9 129.7

130 108.1 72.0 133.8

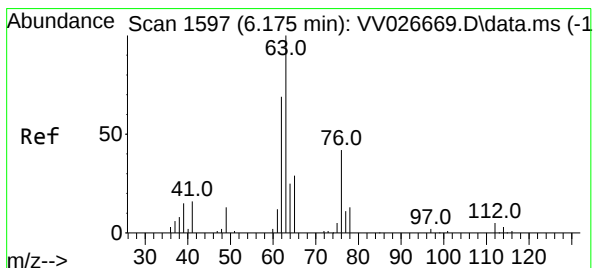
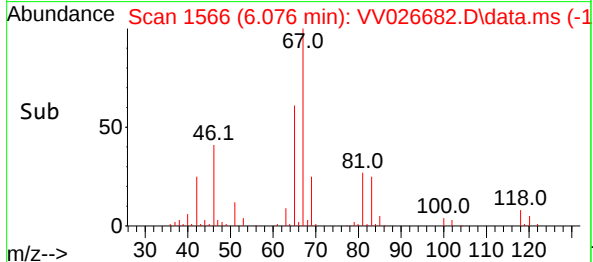
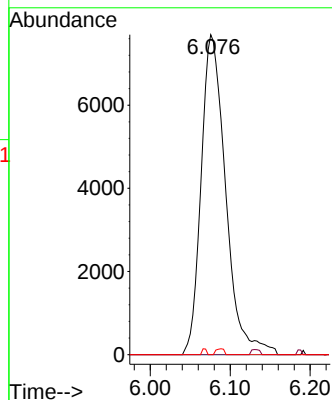
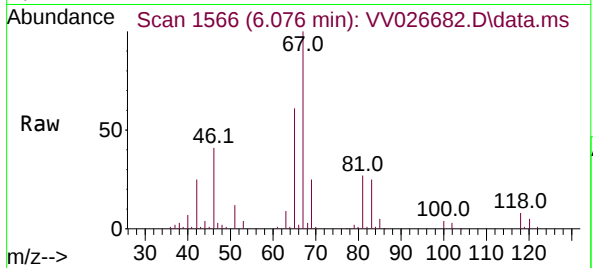




#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

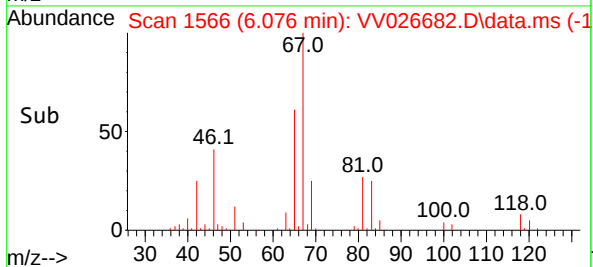
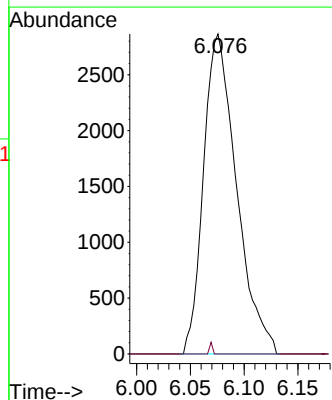
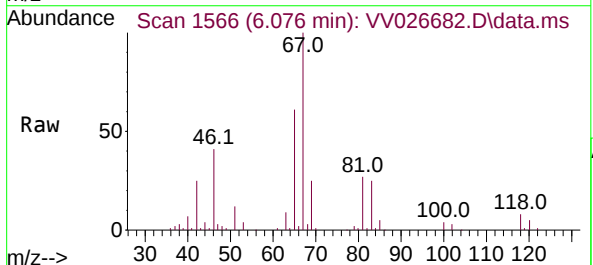
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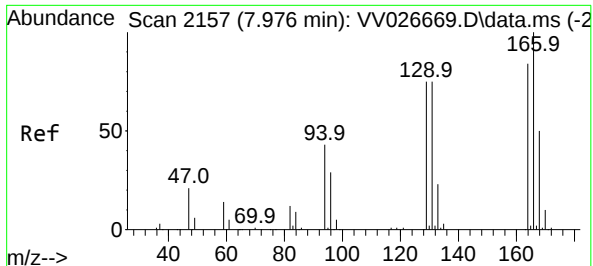
Tgt Ion: 83 Resp: 16412
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.3 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.517 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026682.D
Acq: 07 Jul 2022 17:17

Tgt Ion: 63 Resp: 6121
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#





#47

Tetrachloroethene

Concen: 0.835 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026682.D

Acq: 07 Jul 2022 17:17

Instrument :

MSVOA_V

ClientSampleId :

DBUB4

Tgt Ion:164 Resp: 8576

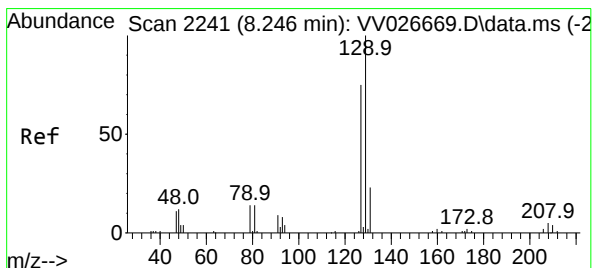
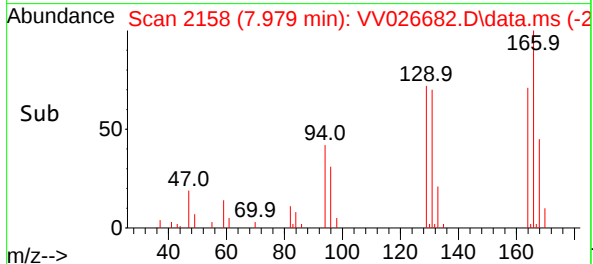
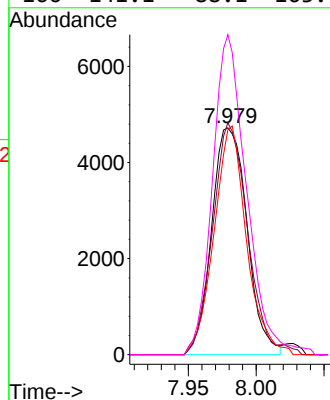
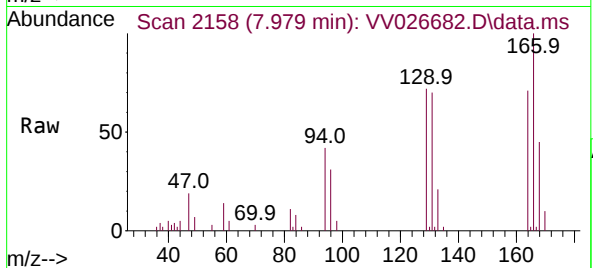
Ion Ratio Lower Upper

164 100

129 102.2 66.4 123.2

131 99.2 64.4 119.6

166 141.1 88.1 163.7



#49

Dibromochloromethane

Concen: 1.138 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026682.D

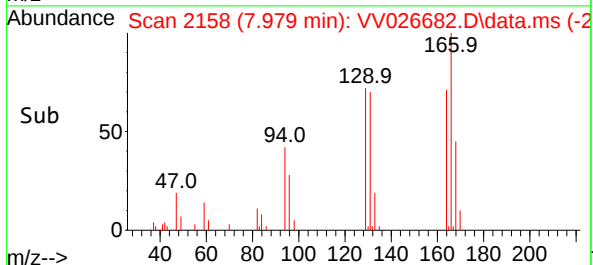
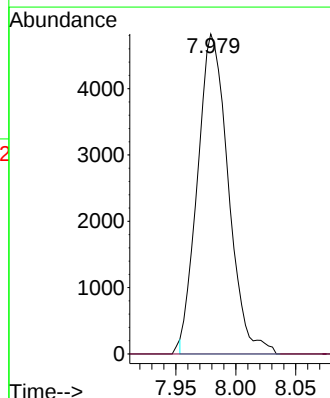
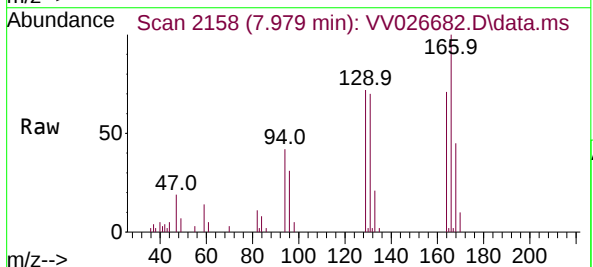
Acq: 07 Jul 2022 17:17

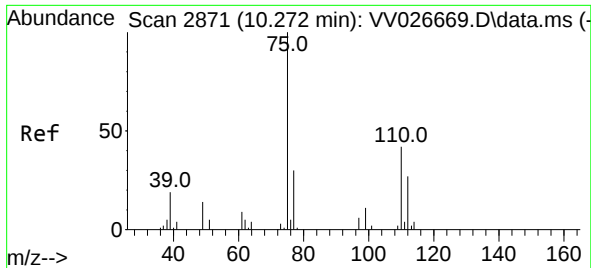
Tgt Ion:129 Resp: 8600

Ion Ratio Lower Upper

129 100

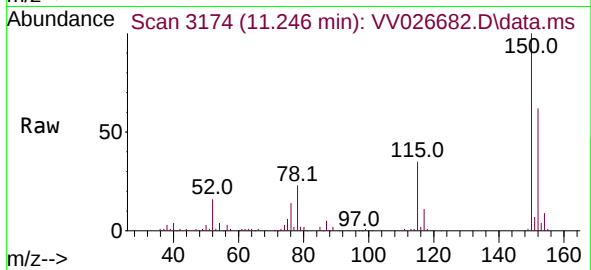
127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.631 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026682.D
 Acq: 07 Jul 2022 17:17

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB4



Tgt Ion: 75	Resp:	7215
Ion	Ratio	Lower Upper
75	100	
77	32.1	25.8 38.6
110	0.6	32.5 48.7#

