

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026699.D
 Acq On : 08 Jul 2022 15:58
 Operator : SY/MD
 Sample : N3601-16 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA7

Quant Time: Jul 08 23:57:18 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)

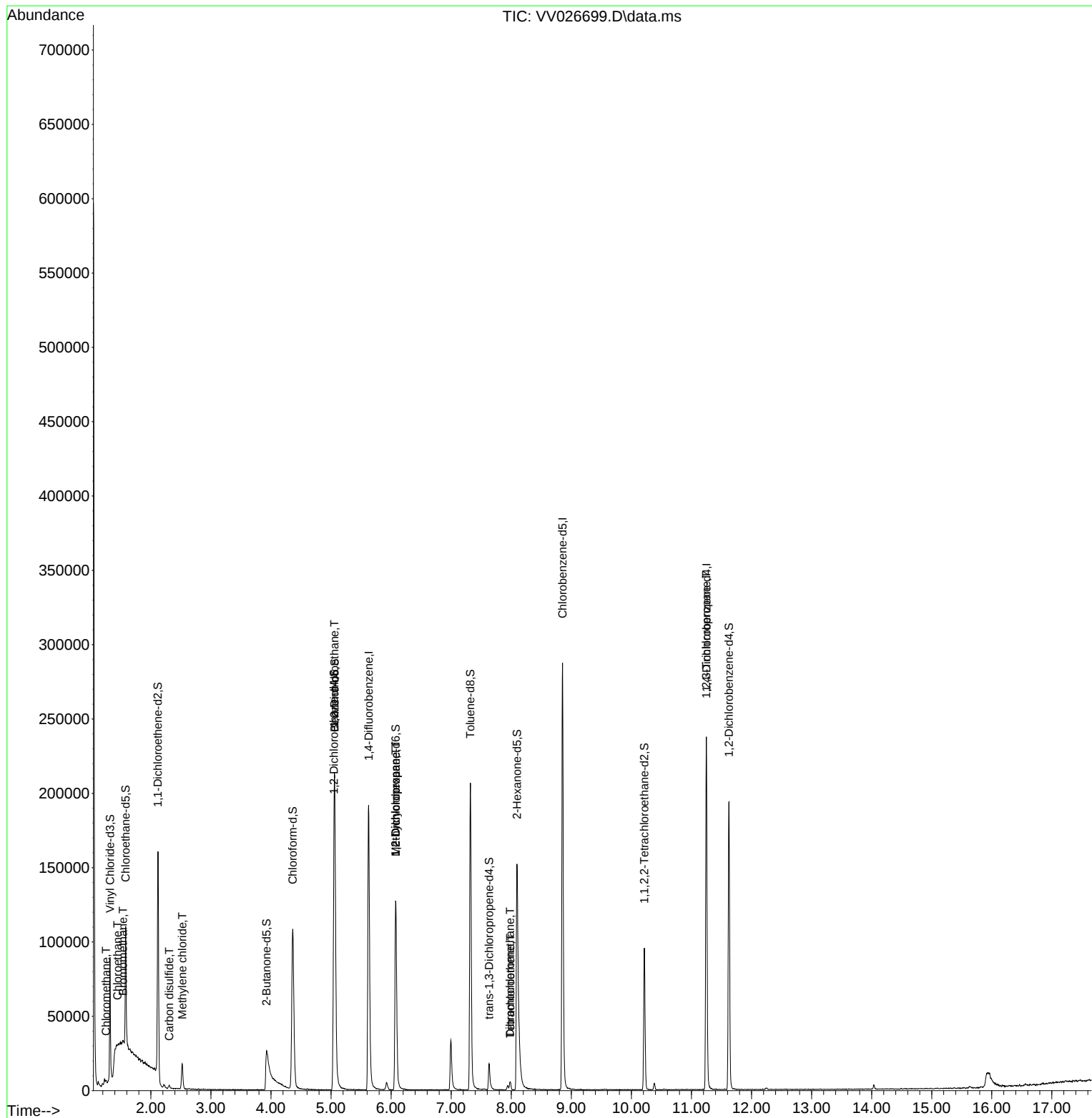
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	175030	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	55509	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.581	69	53067	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.117	63	79237	3.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.928	46	61723	44.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.220%
24) Chloroform-d	4.362	84	119206	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	5.047	65	47361	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.059	84	204584	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.076	67	65548	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.320	98	148937	3.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.632	79	12440	3.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.095	63	61910	45.915	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47203	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53914	4.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	1310	0.090	ug/L	84
6) Bromomethane	1.536	94	683	0.081	ug/L	80
8) Chloroethane	1.442	64	60056	5.690	ug/L #	55
14) Carbon disulfide	2.304	76	2427	0.078	ug/L #	94
16) Methylene chloride	2.523	84	8372	0.667	ug/L	87
27) 1,2-Dichloroethane	5.056	62	974	0.094	ug/L #	72
35) Methylcyclohexane	6.076	83	16409	0.833	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	7061	0.579	ug/L #	84
47) Tetrachloroethene	7.985	164	1465	0.138	ug/L	87
49) Dibromochloromethane	7.982	129	1323	0.170	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7142	1.621	ug/L #	64

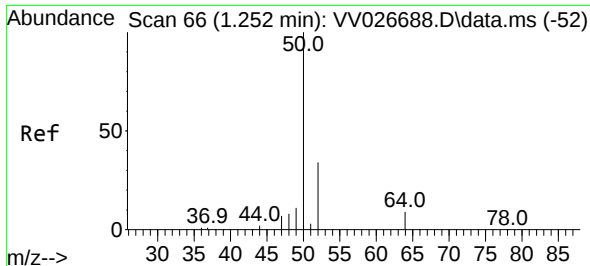
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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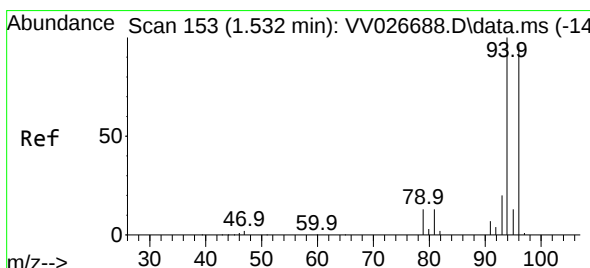
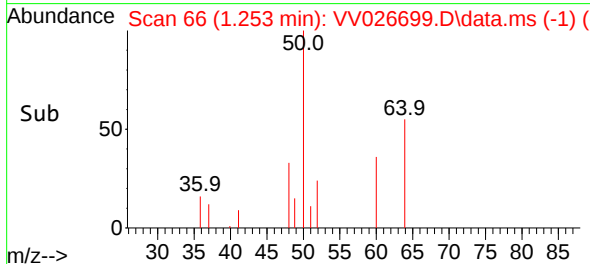
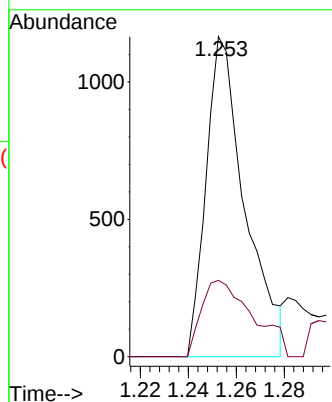
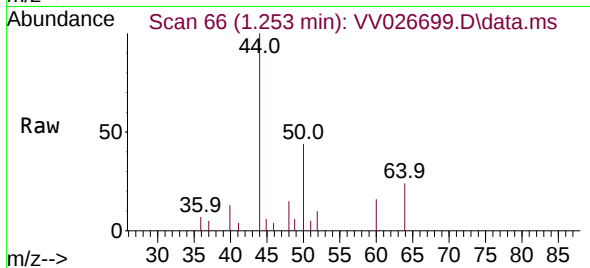




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

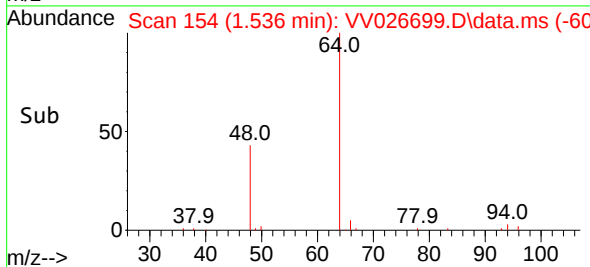
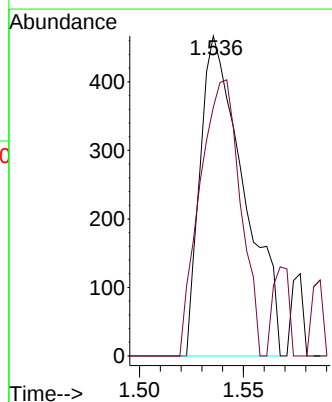
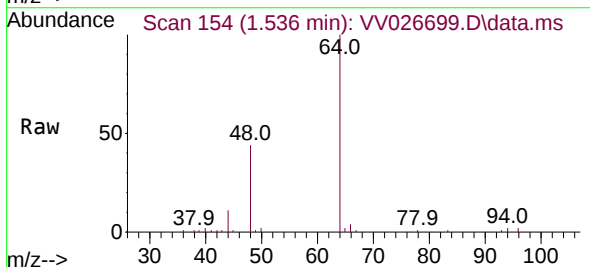
Instrument :
MSVOA_V
ClientSampleId :
DBUA7

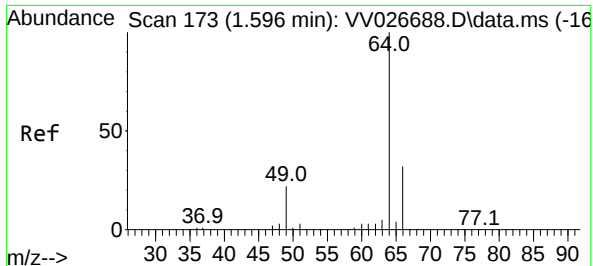
Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 23.9 23.0 42.6



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

Tgt Ion: 94 Resp: 683
Ion Ratio Lower Upper
94 100
96 77.7 68.0 126.2

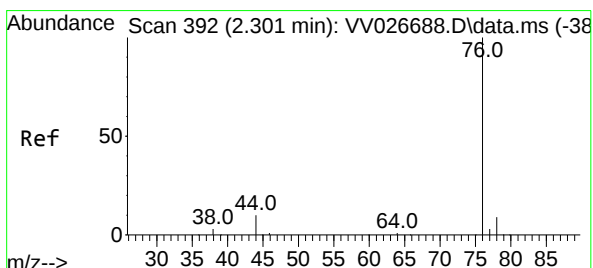
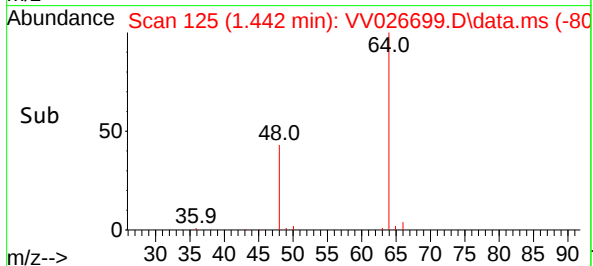
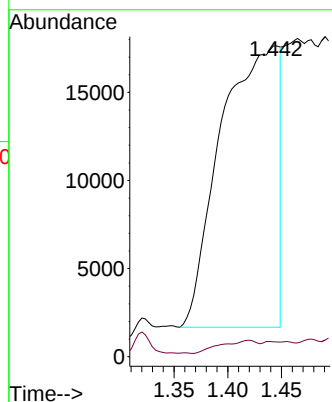
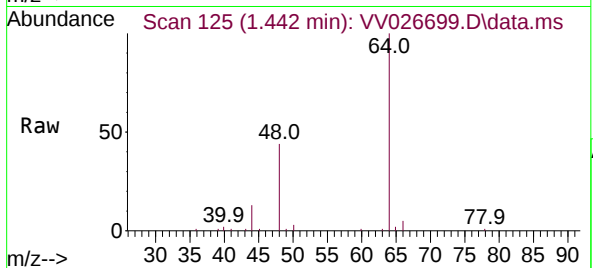




#8
Chloroethane
Concen: 5.690 ug/L
RT: 1.442 min Scan# 11
Delta R.T. -0.154 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

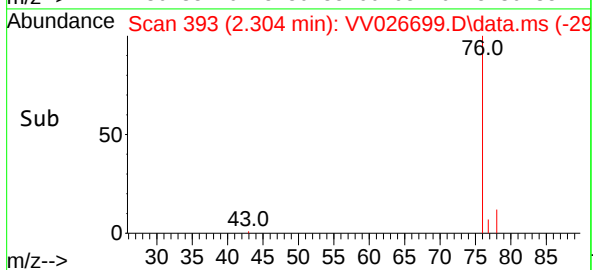
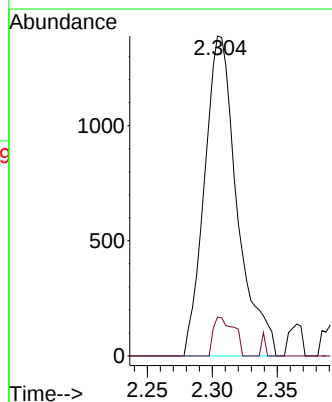
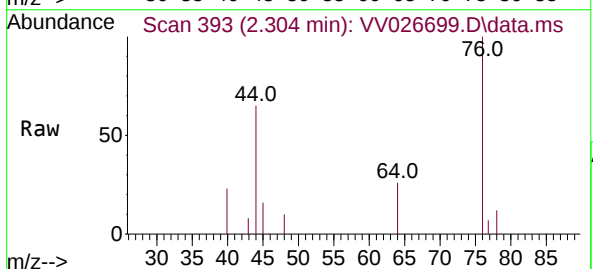
Instrument :
MSVOA_V
ClientSampleId :
DBUA7

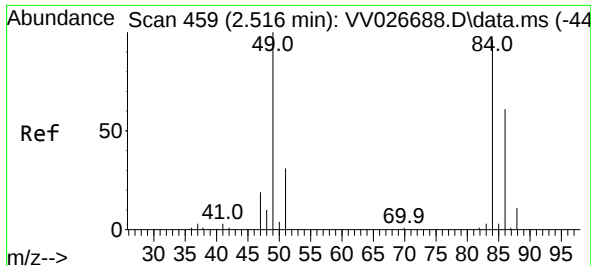
Tgt Ion: 64 Resp: 60056
Ion Ratio Lower Upper
64 100
66 4.8 20.0 37.2#



#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

Tgt Ion: 76 Resp: 2427
Ion Ratio Lower Upper
76 100
78 12.1 7.8 11.6#

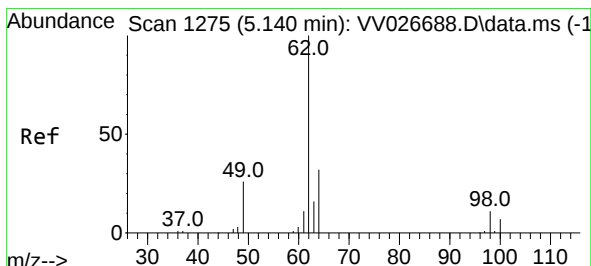
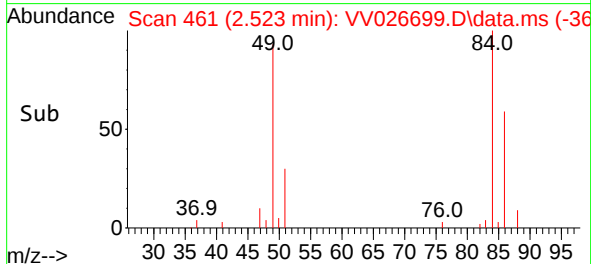
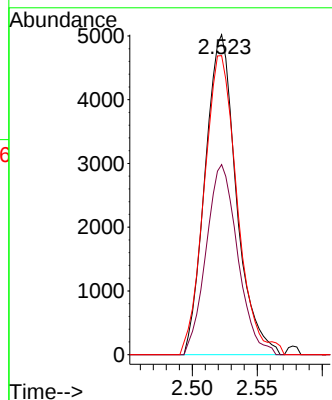
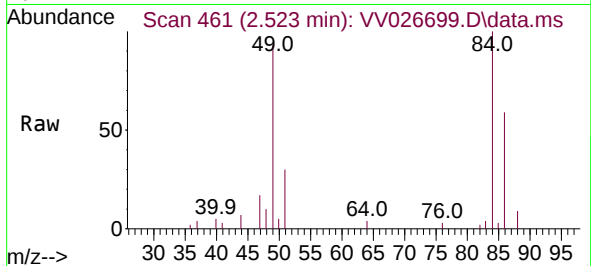




#16
Methylene chloride
Concen: 0.667 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

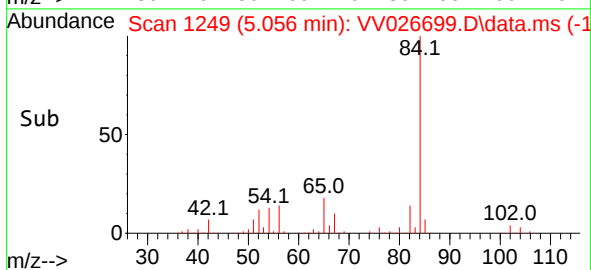
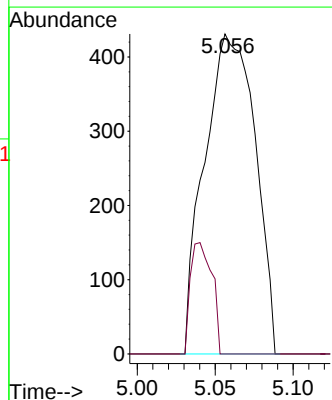
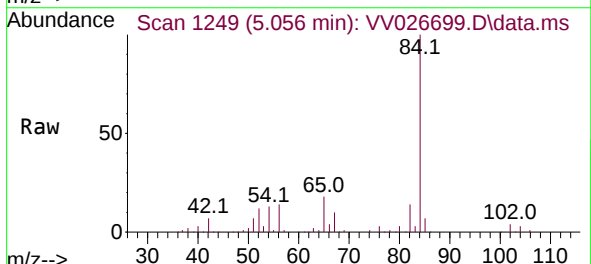
Instrument :
MSVOA_V
ClientSampleId :
DBUA7

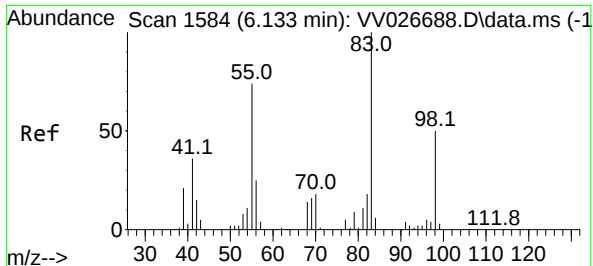
Tgt Ion: 84 Resp: 8372
Ion Ratio Lower Upper
84 100
86 59.4 46.0 85.4
49 93.4 77.7 144.3



#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.083 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

Tgt Ion: 62 Resp: 974
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

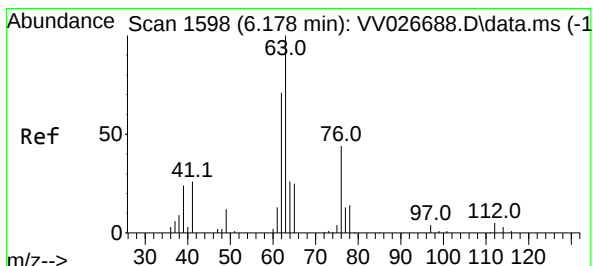
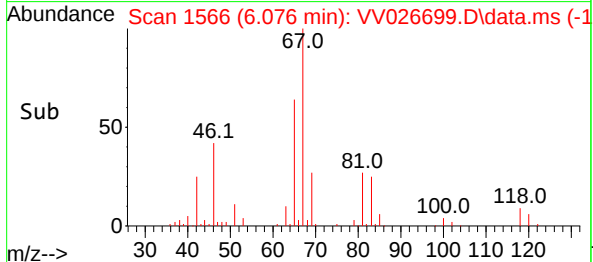
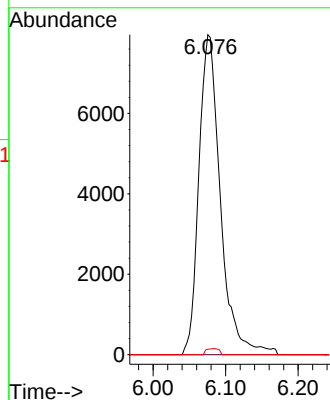
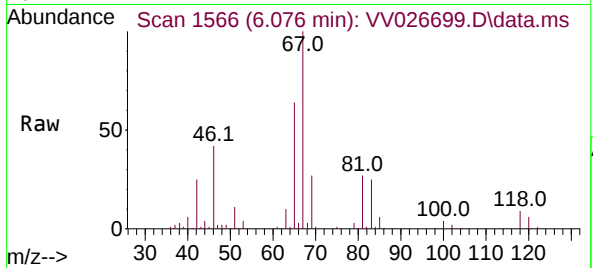




#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

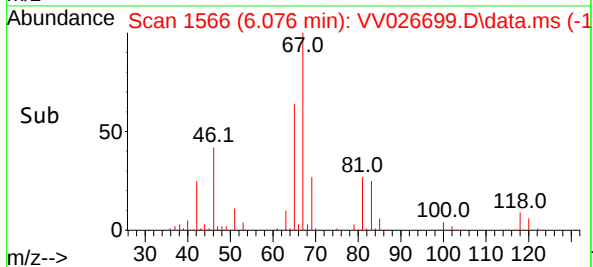
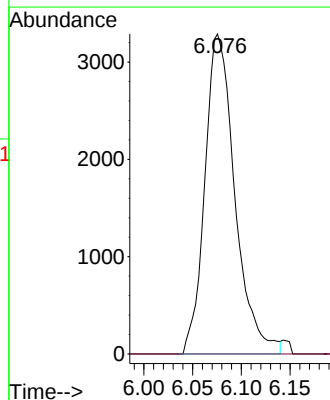
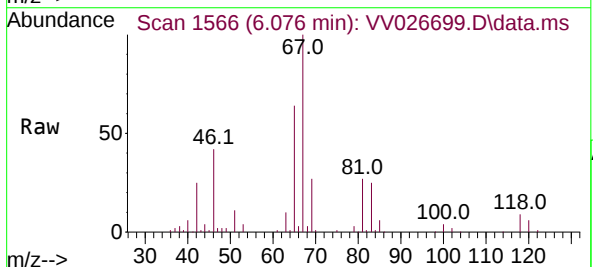
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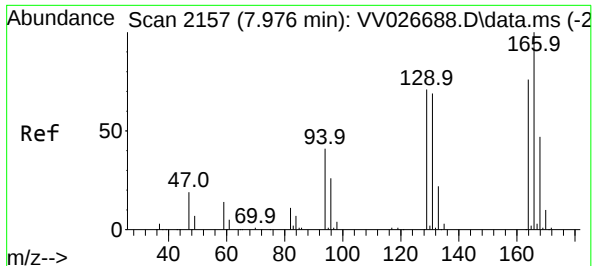
Tgt Ion: 83 Resp: 16409
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 1.1 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026699.D
Acq: 08 Jul 2022 15:58

Tgt Ion: 63 Resp: 7061
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#47

Tetrachloroethene

Concen: 0.138 ug/L

RT: 7.985 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV026699.D

Acq: 08 Jul 2022 15:58

Instrument :

MSVOA_V

ClientSampleId :

DBUA7

Tgt Ion:164 Resp: 1465

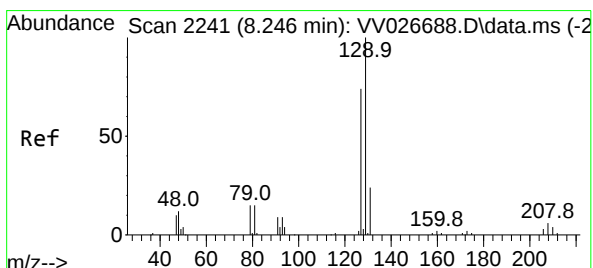
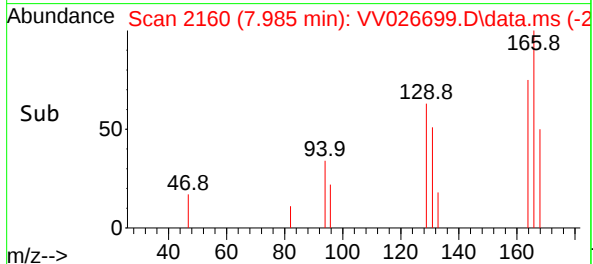
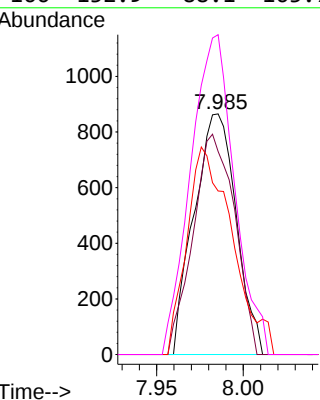
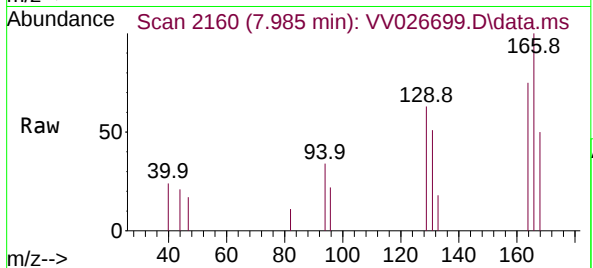
Ion Ratio Lower Upper

164 100

129 84.4 66.4 123.2

131 68.0 64.4 119.6

166 132.9 88.1 163.7



#49

Dibromochloromethane

Concen: 0.170 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026699.D

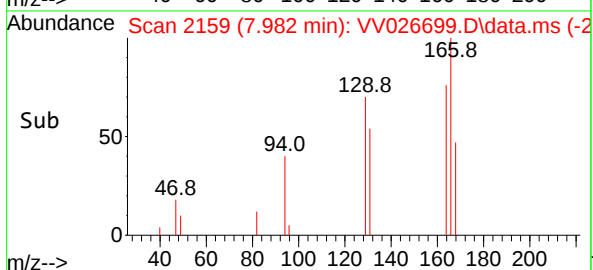
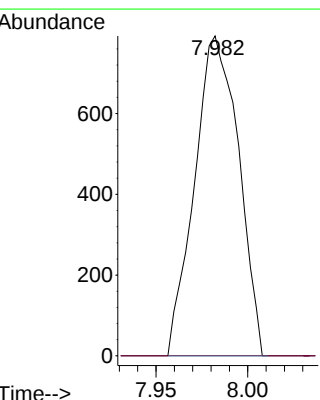
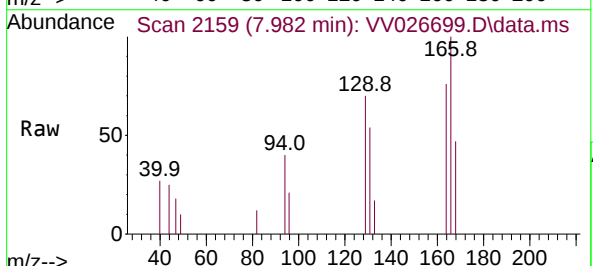
Acq: 08 Jul 2022 15:58

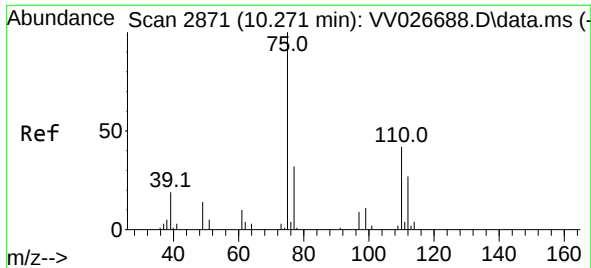
Tgt Ion:129 Resp: 1323

Ion Ratio Lower Upper

129 100

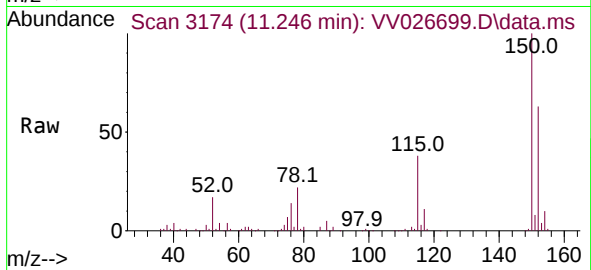
127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.621 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026699.D
 Acq: 08 Jul 2022 15:58

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Tgt Ion: 75 Resp: 7142
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.8 38.6
 110 2.1 32.5 48.7#

