

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026693.D
 Acq On : 08 Jul 2022 13:32
 Operator : SY/MD
 Sample : N3601-05DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA8DL

Quant Time: Jul 08 23:55:38 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)

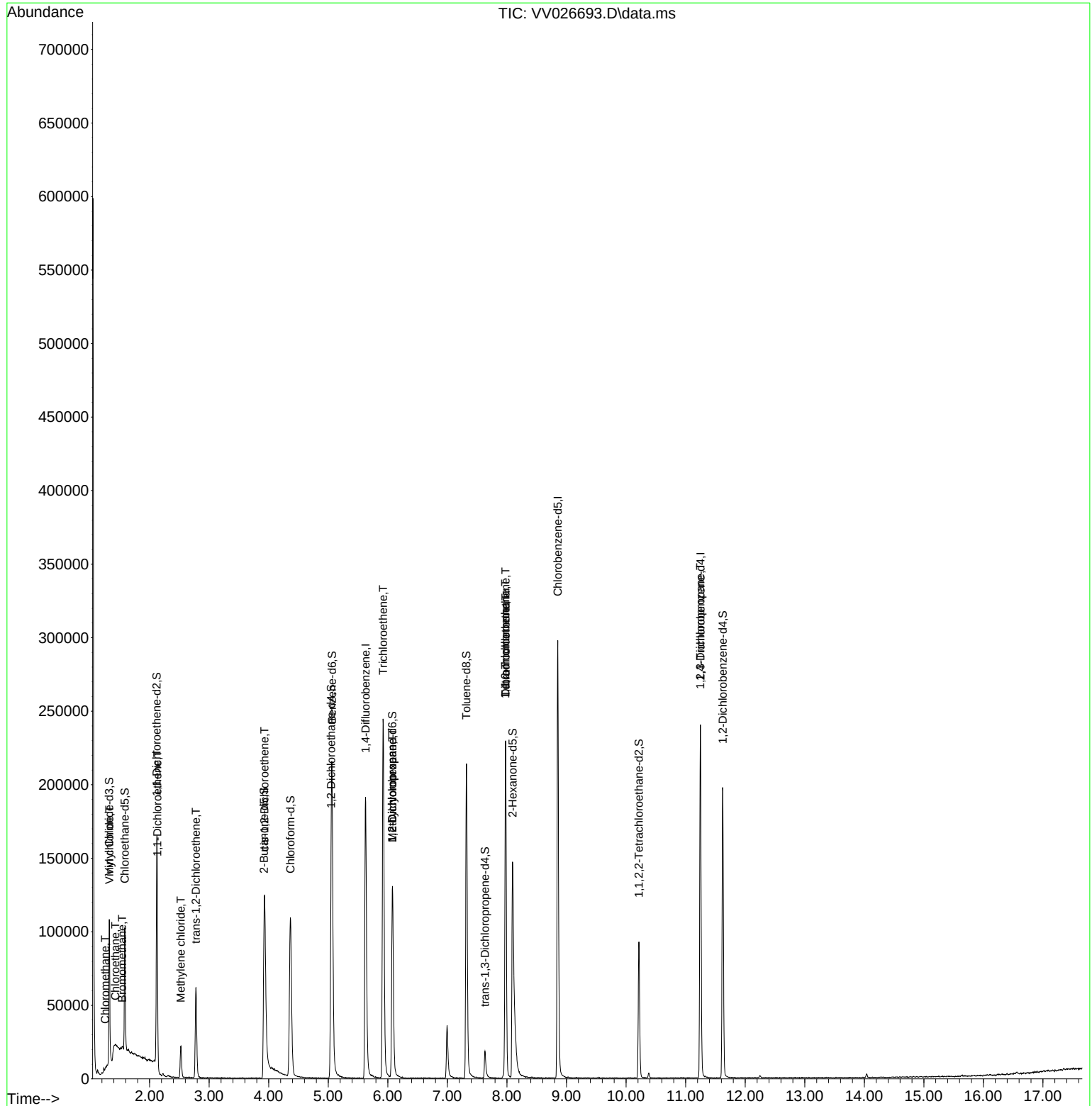
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	172521	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	174621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69123	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	57418	4.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.584	69	54904	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.121	63	82528	3.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.921	46	59424	43.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.160%
24) Chloroform-d	4.365	84	118204	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.047	65	46629	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.063	84	206941	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.079	67	68018	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.320	98	152581	3.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.632	79	12364	3.468	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.095	63	62203	45.806	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46706	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	55063	4.814	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1477	0.103	ug/L	100
5) Vinyl chloride	1.327	62	12922	0.845	ug/L #	50
6) Bromomethane	1.542	94	1087	0.131	ug/L	96
8) Chloroethane	1.423	64	32784	3.151	ug/L #	55
12) 1,1-Dichloroethene	2.130	96	1763	0.151	ug/L #	1
16) Methylene chloride	2.523	84	9542	0.771	ug/L	96
18) trans-1,2-Dichloroethene	2.777	96	25620	2.155	ug/L	95
22) cis-1,2-Dichloroethene	3.931	96	61000	5.167	ug/L	94
34) Trichloroethene	5.921	95	89789	6.699	ug/L	98
35) Methylcyclohexane	6.079	83	16837	0.849	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7079	0.576	ug/L #	84
45) 1,1,2-Trichloroethane	7.976	97	487	0.063	ug/L #	5
47) Tetrachloroethene	7.979	164	53070	4.973	ug/L	98
49) Dibromochloromethane	7.979	129	49031	6.249	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6976	1.559	ug/L #	64

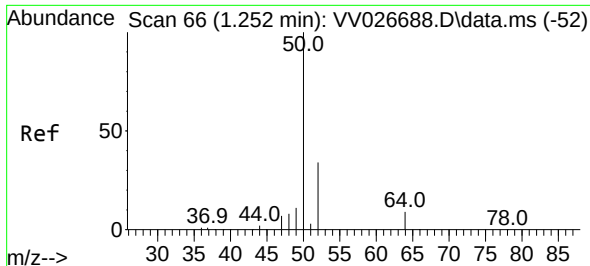
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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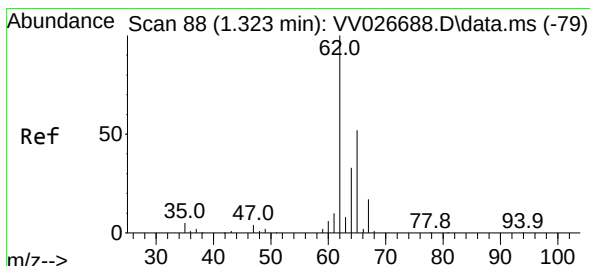
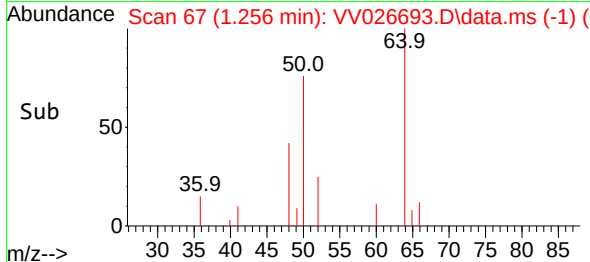
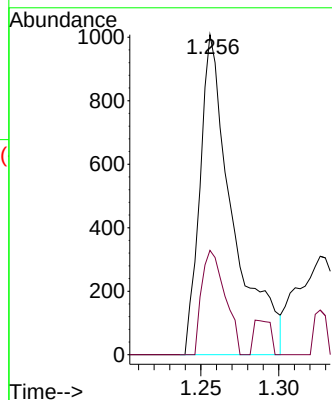
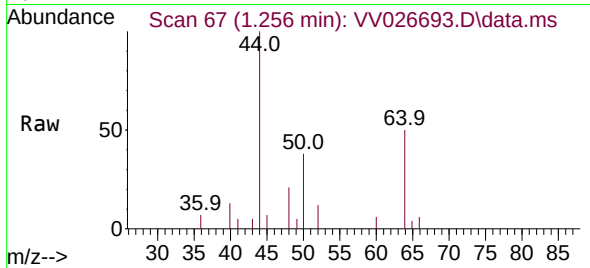




#3
Chloromethane
Concen: 0.103 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

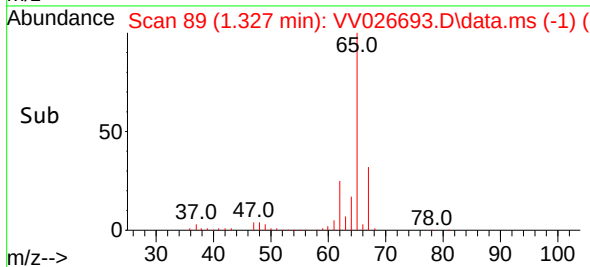
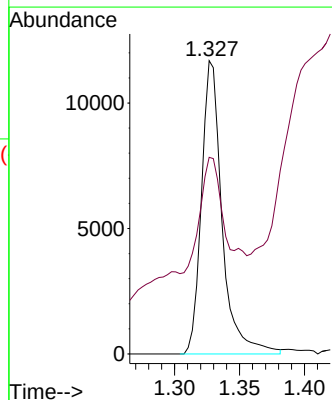
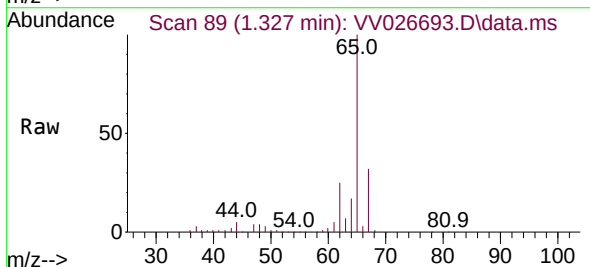
Instrument :
MSVOA_V
ClientSampleId :
DBUA8DL

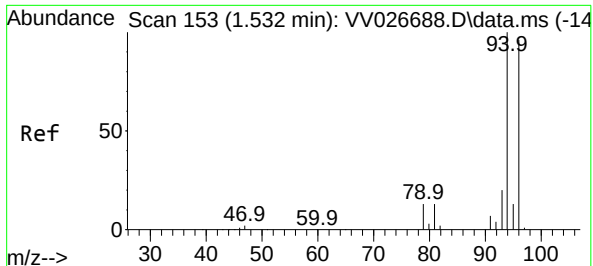
Tgt Ion: 50 Resp: 1477
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.6



#5
Vinyl chloride
Concen: 0.845 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.003 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

Tgt Ion: 62 Resp: 12922
Ion Ratio Lower Upper
62 100
64 67.1 26.2 48.6#

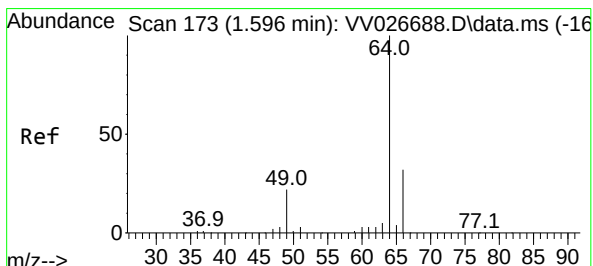
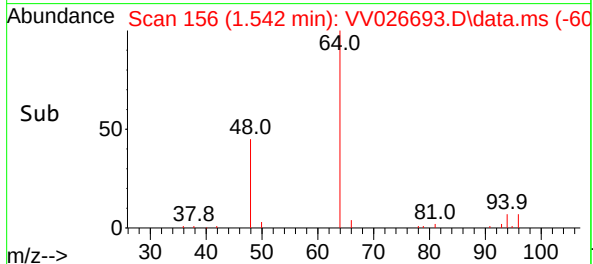
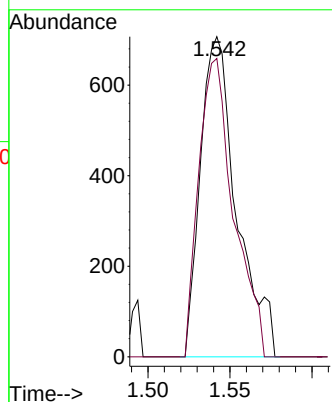
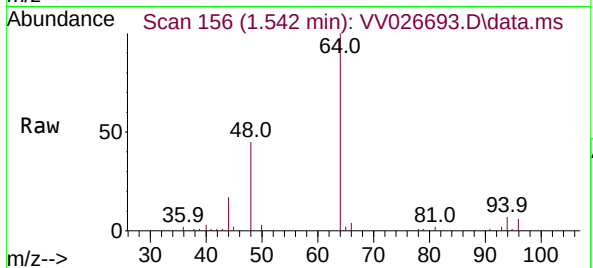




#6
Bromomethane
Concen: 0.131 ug/L
RT: 1.542 min Scan# 119
Delta R.T. 0.010 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

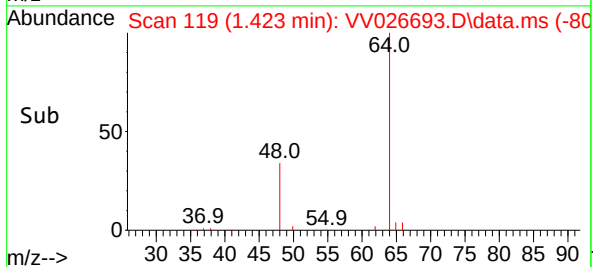
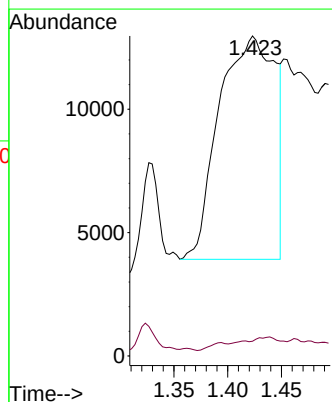
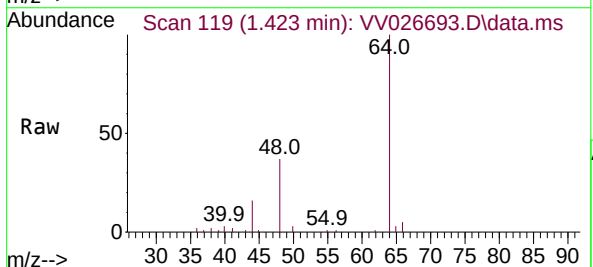
Instrument :
MSVOA_V
ClientSampleId :
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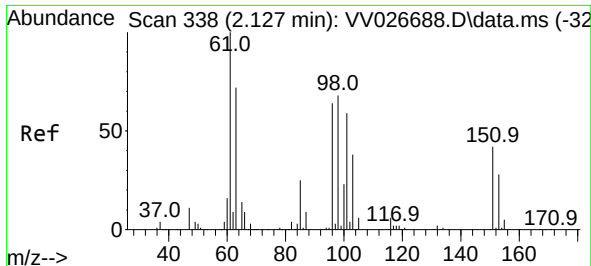
Tgt Ion: 94 Resp: 1087
Ion Ratio Lower Upper
94 100
96 93.2 68.0 126.2



#8
Chloroethane
Concen: 3.151 ug/L
RT: 1.423 min Scan# 119
Delta R.T. -0.173 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

Tgt Ion: 64 Resp: 32784
Ion Ratio Lower Upper
64 100
66 4.6 20.0 37.2#





#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026693.D

Acq: 08 Jul 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

DBUA8DL

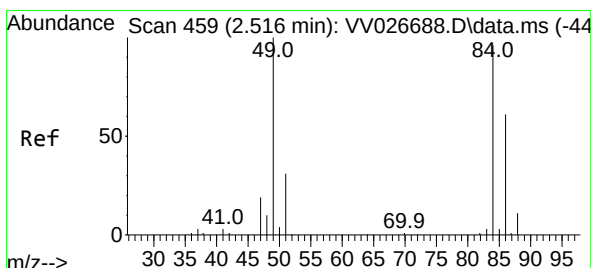
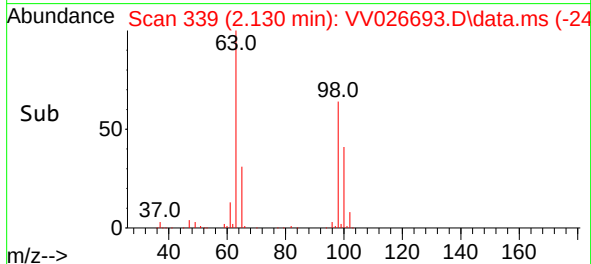
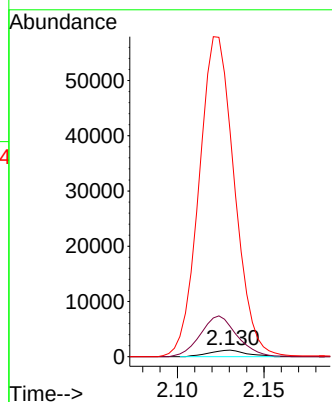
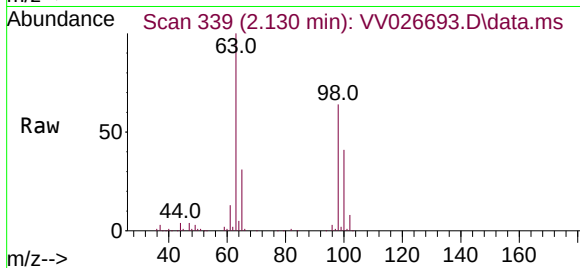
Tgt Ion: 96 Resp: 1763

Ion Ratio Lower Upper

96 100

61 456.0 115.4 214.4#

63 3389.8 87.4 162.2#



#16

Methylene chloride

Concen: 0.771 ug/L

RT: 2.523 min Scan# 461

Delta R.T. 0.007 min

Lab File: VV026693.D

Acq: 08 Jul 2022 13:32

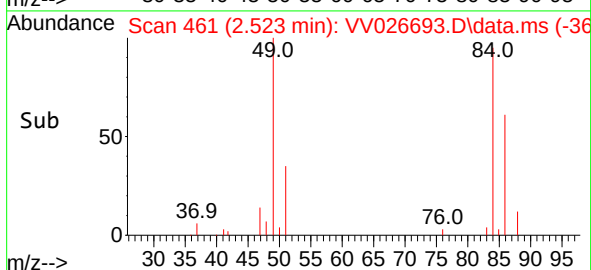
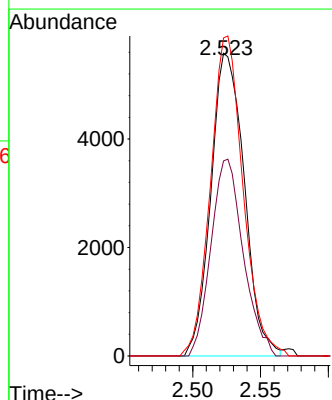
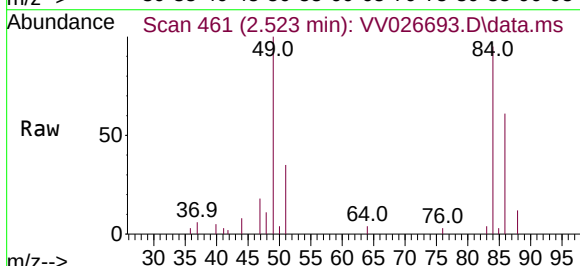
Tgt Ion: 84 Resp: 9542

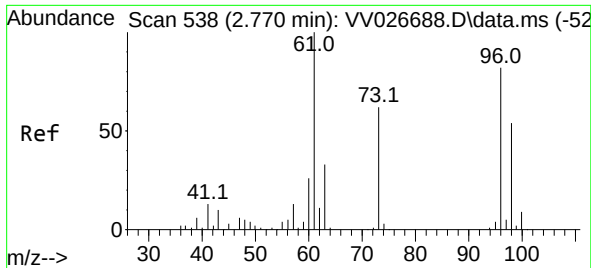
Ion Ratio Lower Upper

84 100

86 64.4 46.0 85.4

49 105.1 77.7 144.3

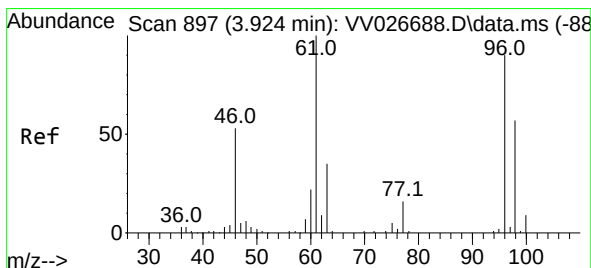
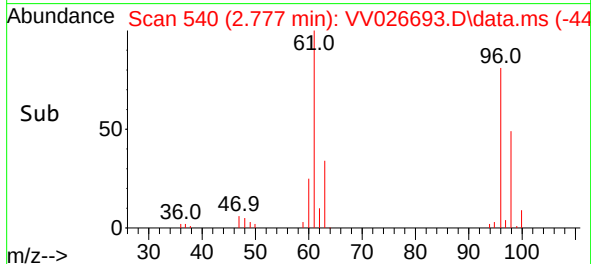
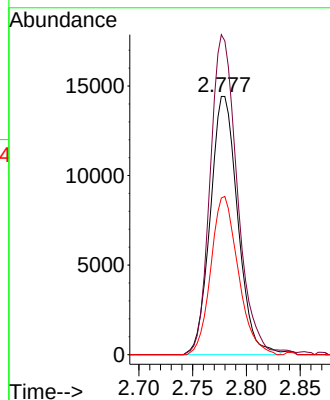
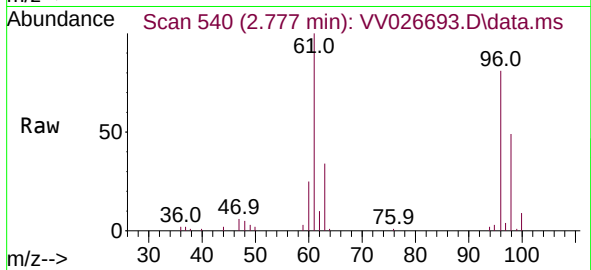




#18
trans-1,2-Dichloroethene
Concen: 2.155 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

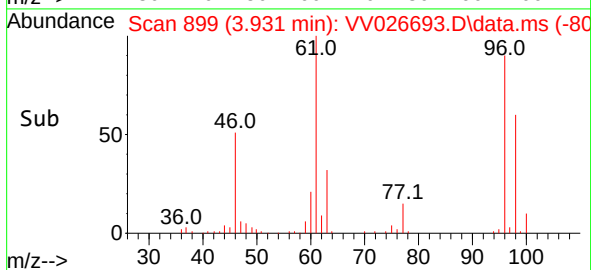
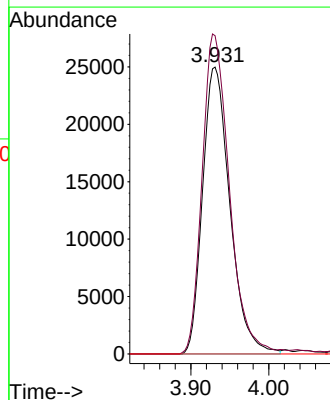
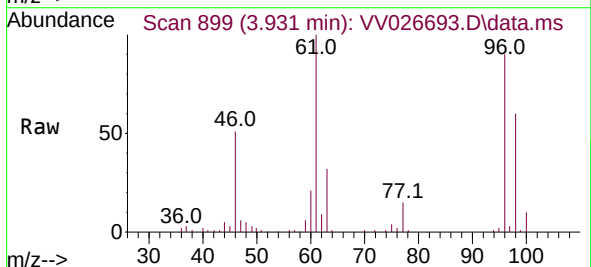
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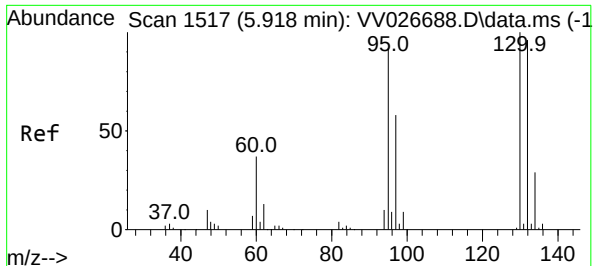
Tgt Ion: 96 Resp: 25620
Ion Ratio Lower Upper
96 100
61 123.9 90.4 167.8
98 60.7 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 5.167 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.007 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

Tgt Ion: 96 Resp: 61000
Ion Ratio Lower Upper
96 100
61 110.9 82.0 152.2
68 0.0 0.0 0.0

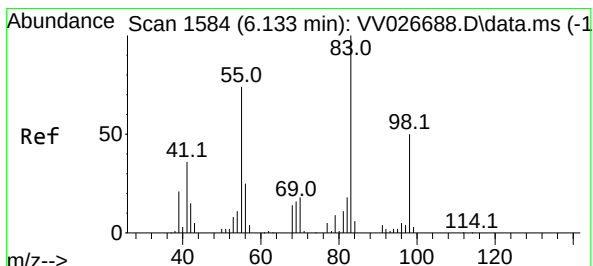
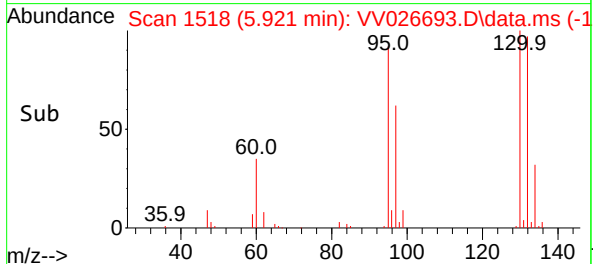
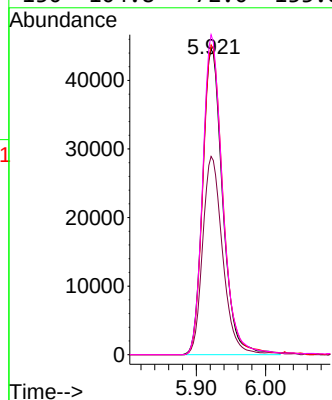
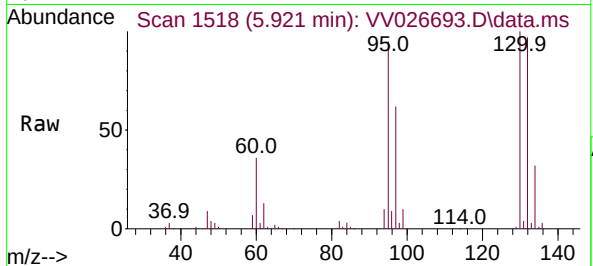




#34
Trichloroethene
Concen: 6.699 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

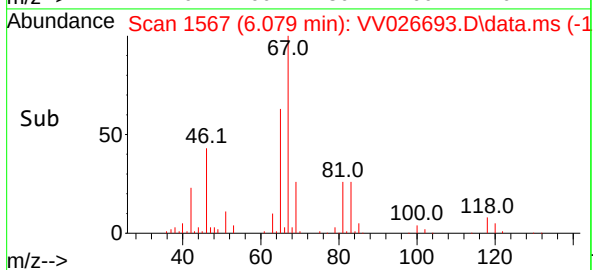
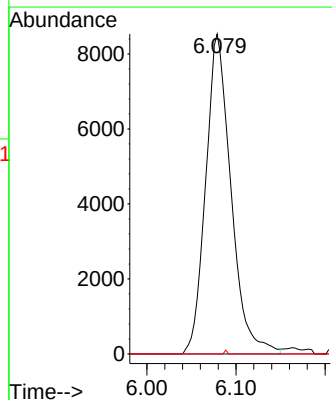
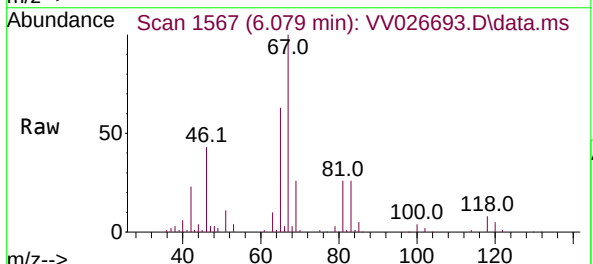
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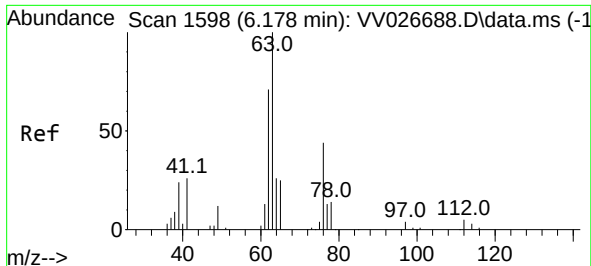
Tgt Ion: 95 Resp: 89789
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 101.5 69.9 129.7
130 104.8 72.0 133.8



#35
Methylcyclohexane
Concen: 0.849 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.054 min
Lab File: VV026693.D
Acq: 08 Jul 2022 13:32

Tgt Ion: 83 Resp: 16837
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.0 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV026693.D

Acq: 08 Jul 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

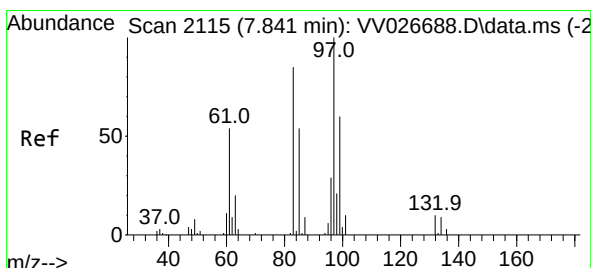
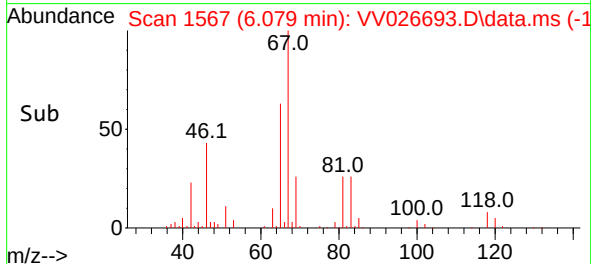
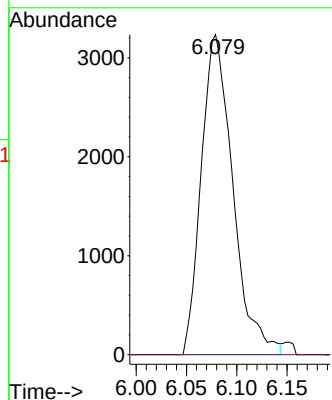
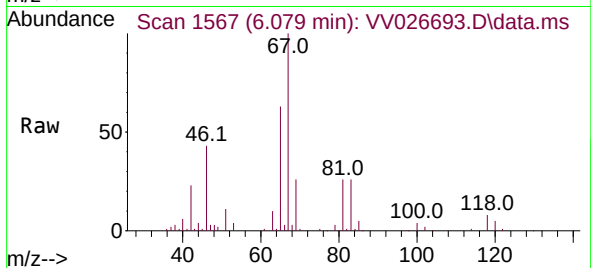
DBUA8DL

Tgt Ion: 63 Resp: 7079

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#45

1,1,2-Trichloroethane

Concen: 0.063 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV026693.D

Acq: 08 Jul 2022 13:32

Tgt Ion: 97 Resp: 487

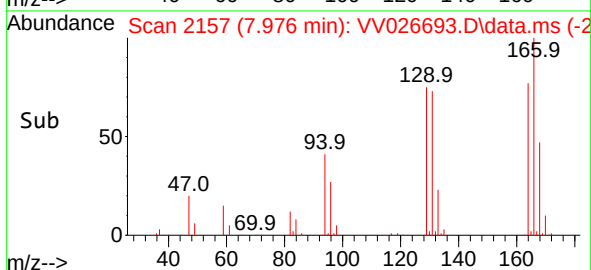
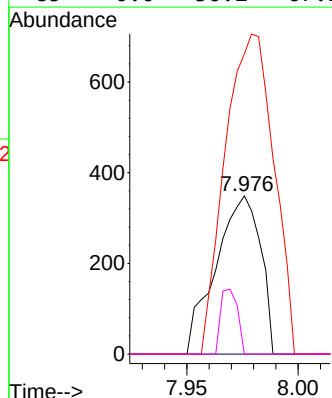
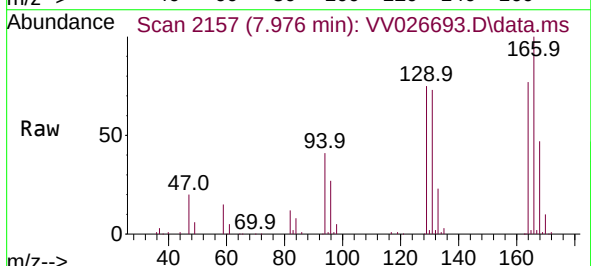
Ion Ratio Lower Upper

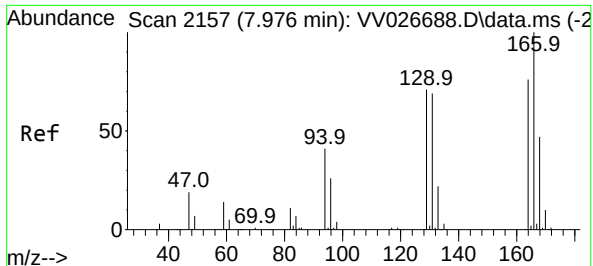
97 100

99 0.0 43.4 80.6#

83 189.7 58.0 107.8#

85 0.0 36.2 67.2#





#47

Tetrachloroethene

Concen: 4.973 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026693.D

Acq: 08 Jul 2022 13:32

Instrument :

MSVOA_V

ClientSampleId :

DBUA8DL

Tgt Ion:164 Resp: 53070

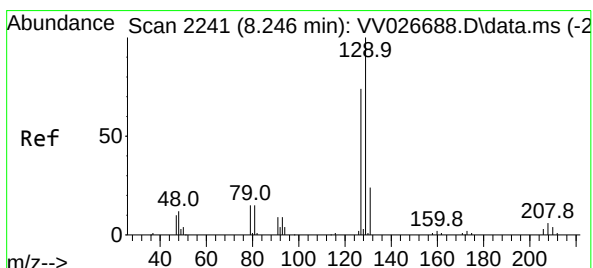
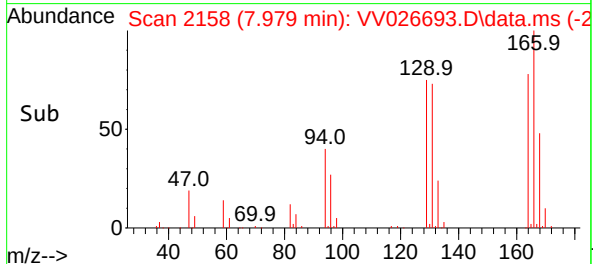
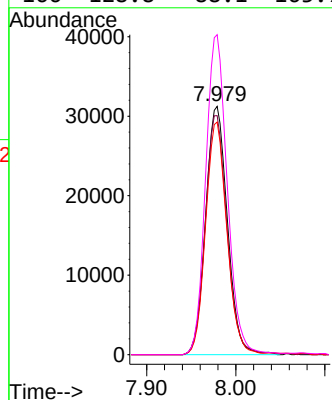
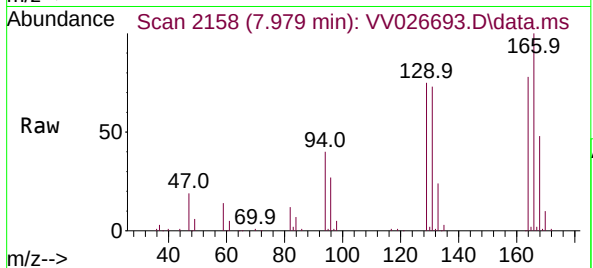
Ion Ratio Lower Upper

164 100

129 96.2 66.4 123.2

131 93.7 64.4 119.6

166 128.8 88.1 163.7



#49

Dibromochloromethane

Concen: 6.249 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026693.D

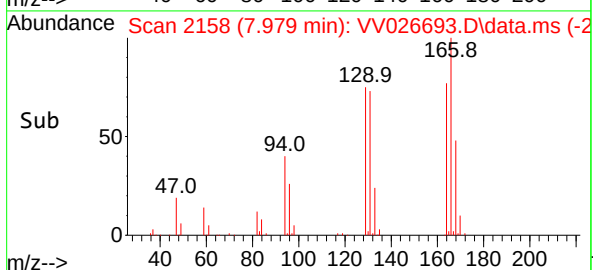
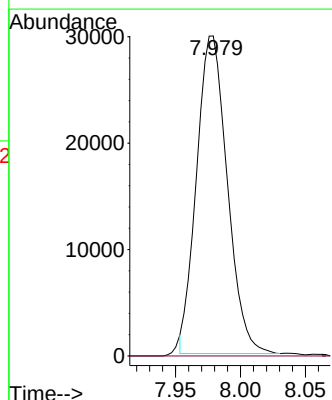
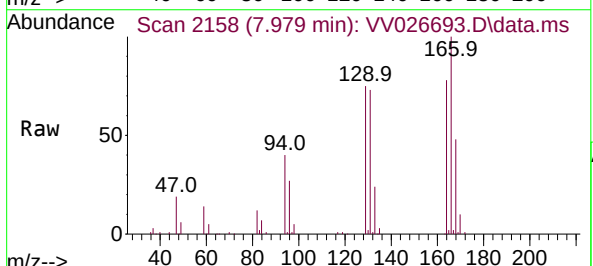
Acq: 08 Jul 2022 13:32

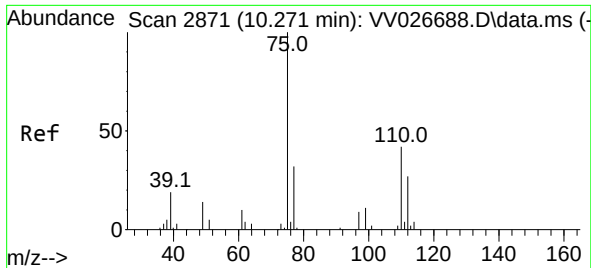
Tgt Ion:129 Resp: 49031

Ion Ratio Lower Upper

129 100

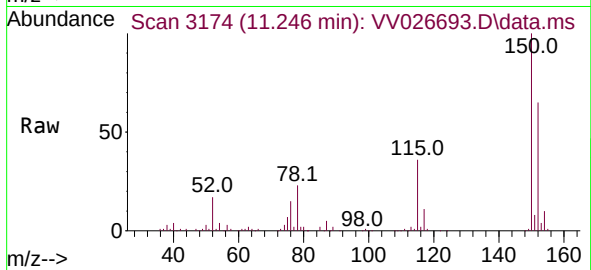
127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.559 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026693.D
 Acq: 08 Jul 2022 13:32

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUA8DL



Tgt Ion: 75 Resp: 6976
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6
 110 1.5 32.5 48.7#

