

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070622\
 Data File : VV026665.D
 Acq On : 06 Jul 2022 14:23
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK273

Quant Time: Jul 07 01:17:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

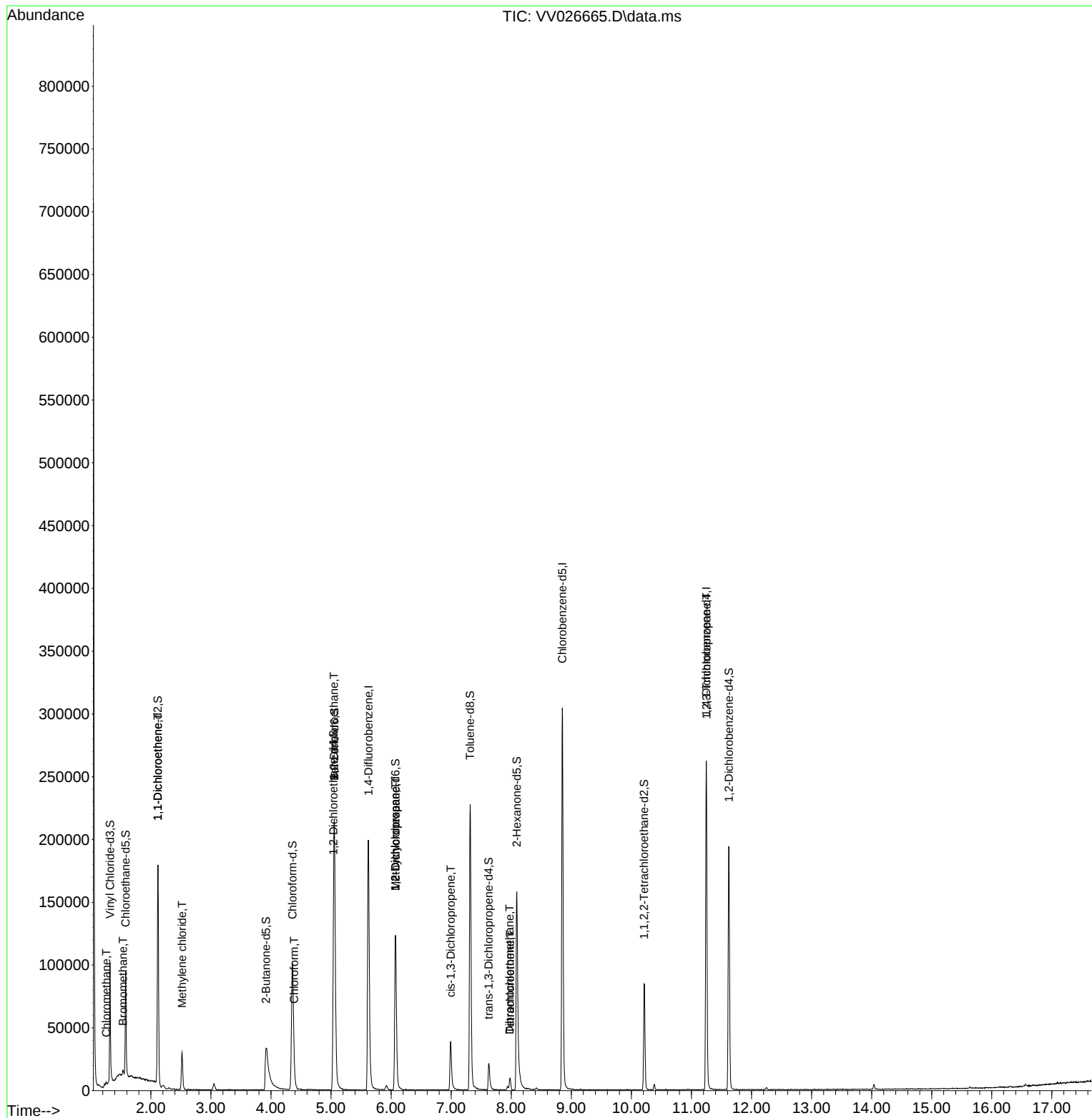
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63273	4.228	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.580	69	54666	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.117	63	90700	3.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.918	46	84722	56.940	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.880%
24) Chloroform-d	4.358	84	110379	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.040	65	45139	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.056	84	210450	4.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.072	67	64075	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.317	98	162214	3.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.625	79	14363	3.892	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	54989	39.116	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41680	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53488	4.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	1999	0.129	ug/L #	81
6) Bromomethane	1.535	94	1772	0.198	ug/L	93
12) 1,1-Dichloroethene	2.117	96	1086	0.086	ug/L #	1
16) Methylene chloride	2.519	84	12814	0.960	ug/L	97
25) Chloroform	4.384	83	2707	0.110	ug/L	92
27) 1,2-Dichloroethane	5.050	62	1106	0.101	ug/L #	72
35) Methylcyclohexane	6.072	83	15967	0.778	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	6841	0.538	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1071	0.084	ug/L	87
47) Tetrachloroethene	7.982	164	2291	0.207	ug/L	96
49) Dibromochloromethane	7.976	129	2130	0.262	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7712	1.646	ug/L #	66

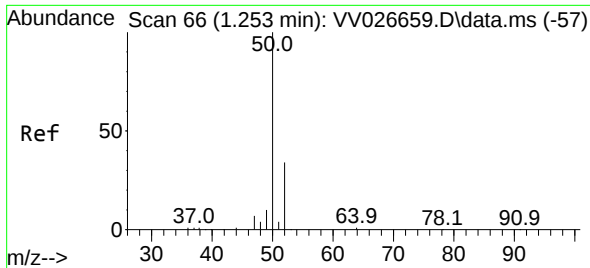
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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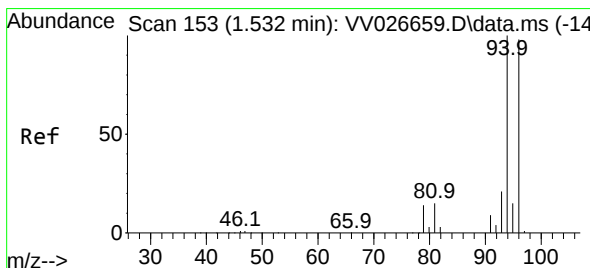
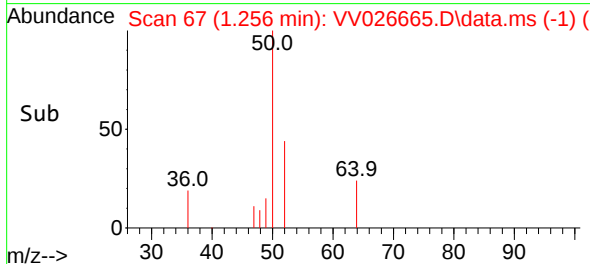
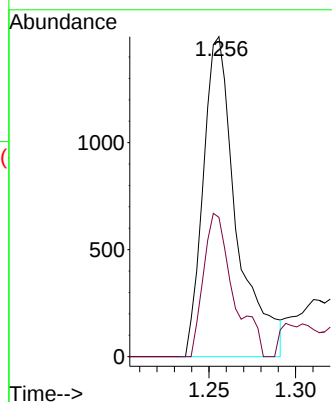
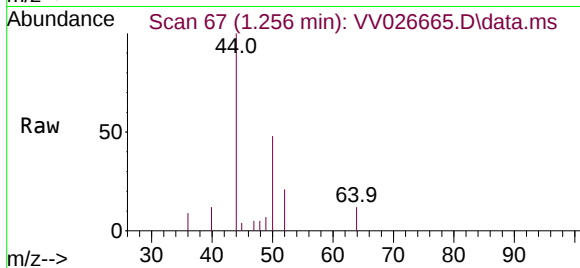




#3
Chloromethane
Concen: 0.129 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

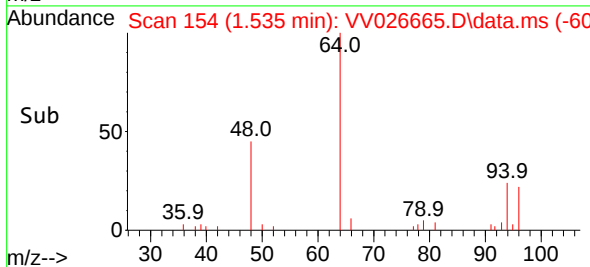
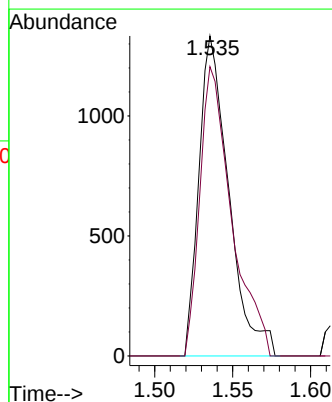
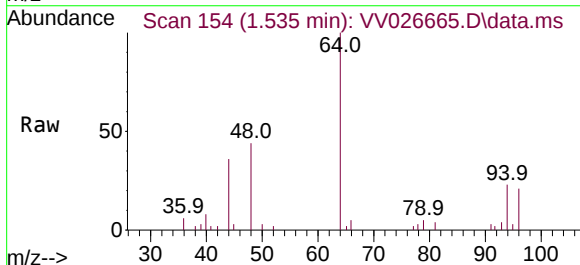
Instrument :
MSVOA_V
ClientSampleId :
VIBLK273

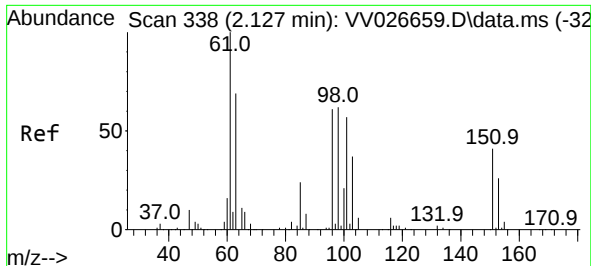
Tgt Ion: 50 Resp: 1999
Ion Ratio Lower Upper
50 100
52 43.5 23.0 42.6#



#6
Bromomethane
Concen: 0.198 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

Tgt Ion: 94 Resp: 1772
Ion Ratio Lower Upper
94 100
96 90.4 68.0 126.2





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV026665.D

Acq: 06 Jul 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

VIBLK273

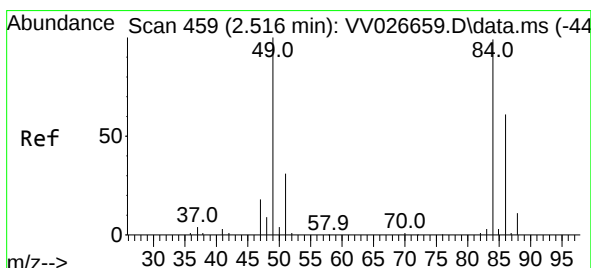
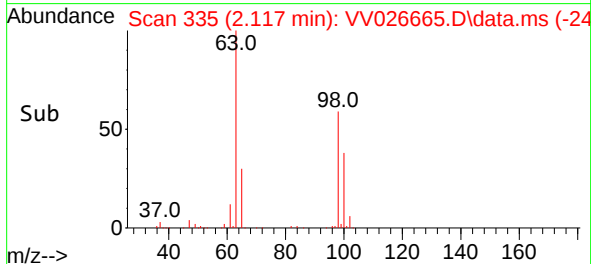
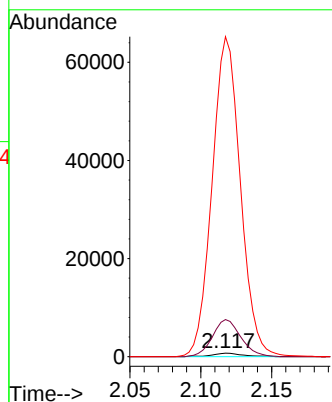
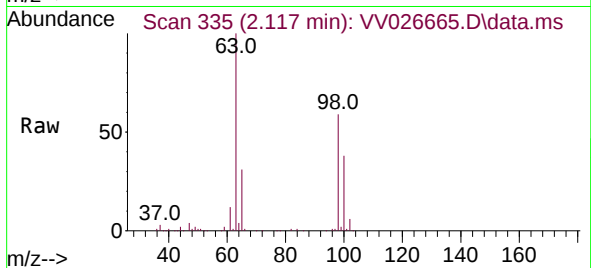
Tgt Ion: 96 Resp: 1086

Ion Ratio Lower Upper

96 100

61 1072.9 115.4 214.4#

63 9239.7 87.4 162.2#



#16

Methylene chloride

Concen: 0.960 ug/L

RT: 2.519 min Scan# 460

Delta R.T. 0.003 min

Lab File: VV026665.D

Acq: 06 Jul 2022 14:23

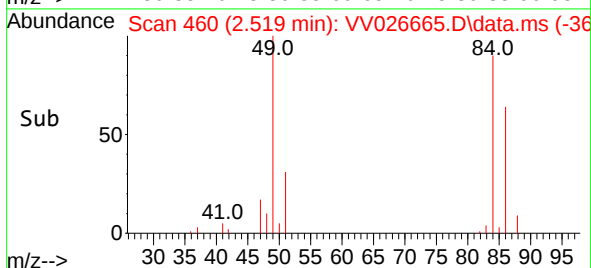
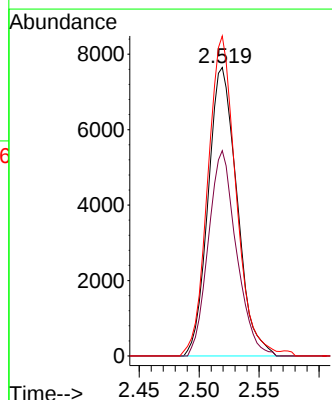
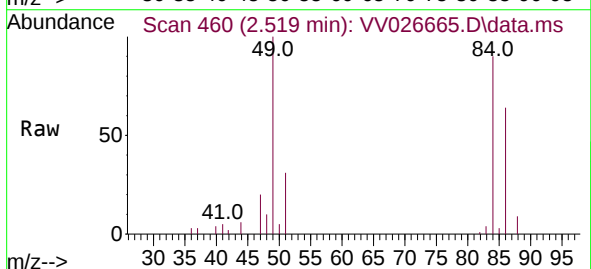
Tgt Ion: 84 Resp: 12814

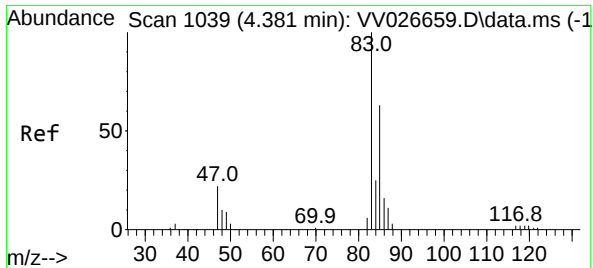
Ion Ratio Lower Upper

84 100

86 71.2 46.0 85.4

49 110.9 77.7 144.3

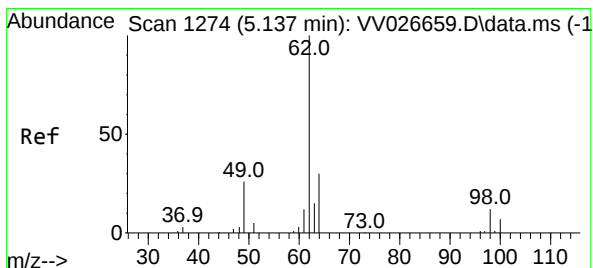
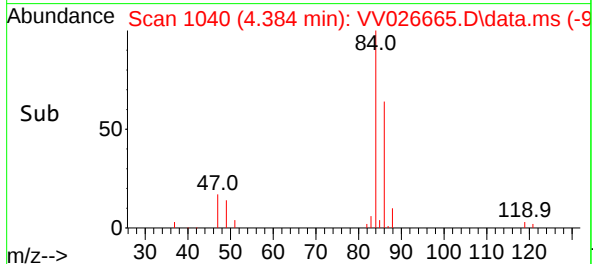
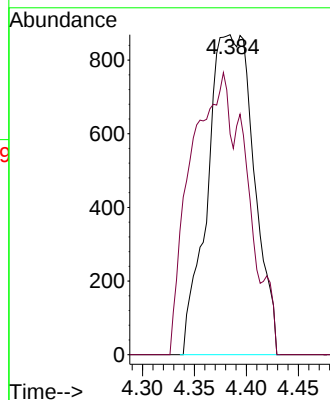
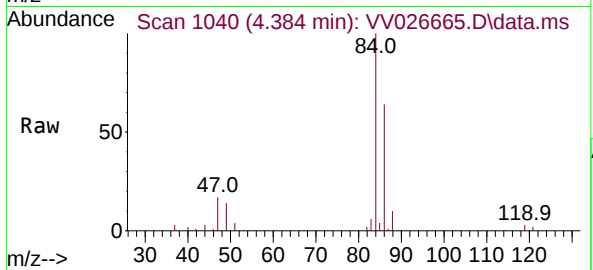




#25
Chloroform
Concen: 0.110 ug/L
RT: 4.384 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

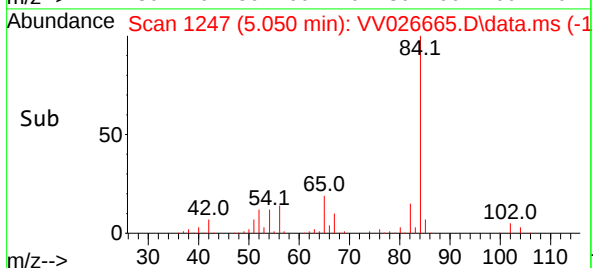
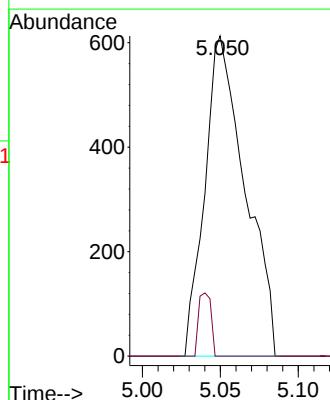
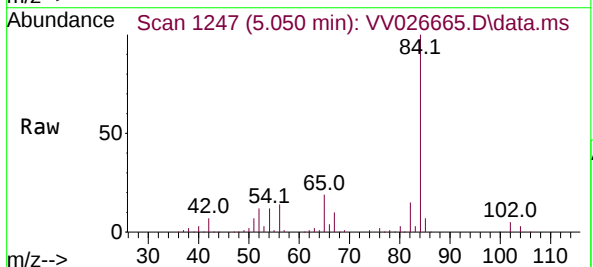
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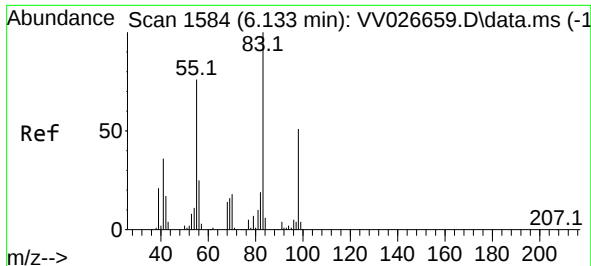
Tgt Ion: 83 Resp: 2707
Ion Ratio Lower Upper
83 100
85 68.9 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.087 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

Tgt Ion: 62 Resp: 1106
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

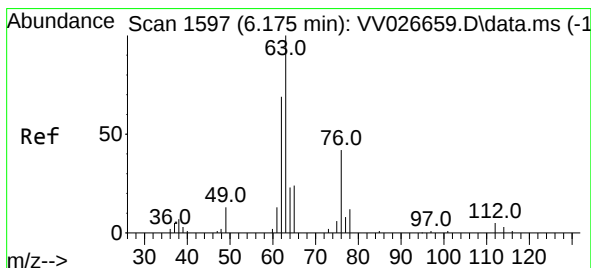
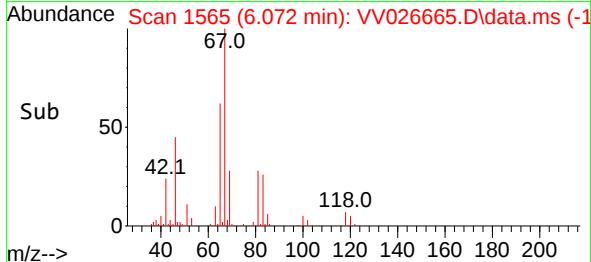
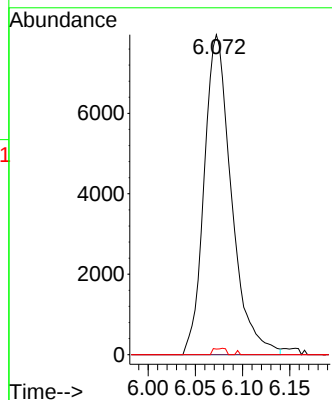
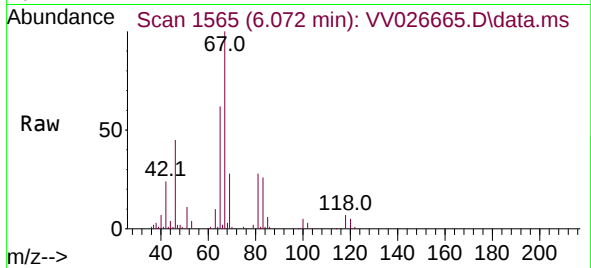




#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

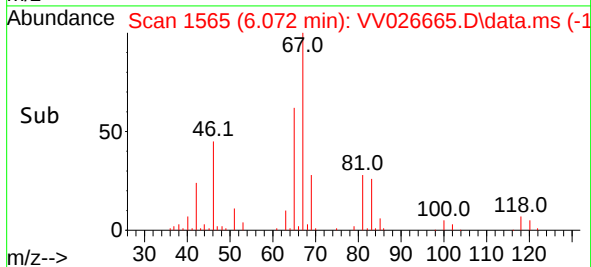
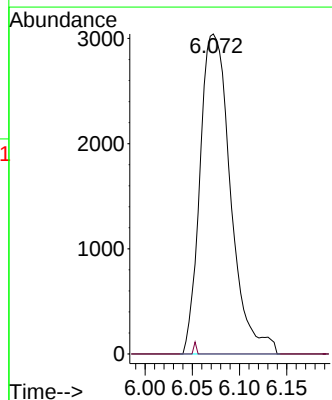
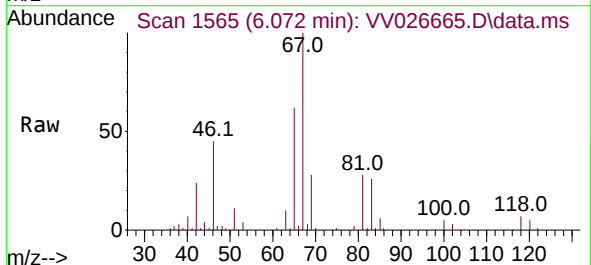
Instrument :
MSVOA_V
ClientSampleId :
VIBLK273

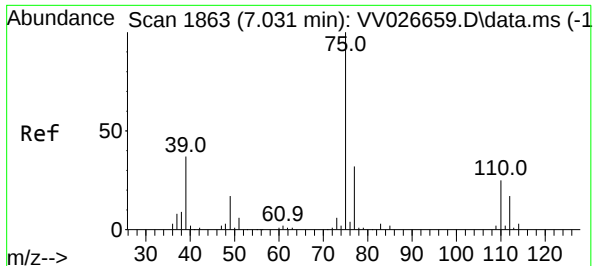
Tgt Ion: 83 Resp: 15967
Ion Ratio Lower Upper
83 100
55 0.0 57.0 85.4#
98 0.9 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV026665.D
Acq: 06 Jul 2022 14:23

Tgt Ion: 63 Resp: 6841
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026665.D

Acq: 06 Jul 2022 14:23

Instrument :

MSVOA_V

ClientSampleId :

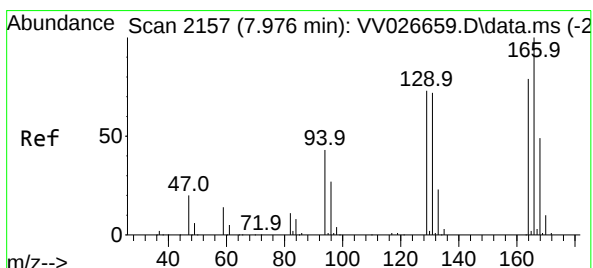
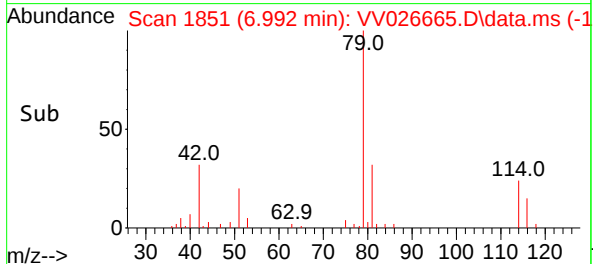
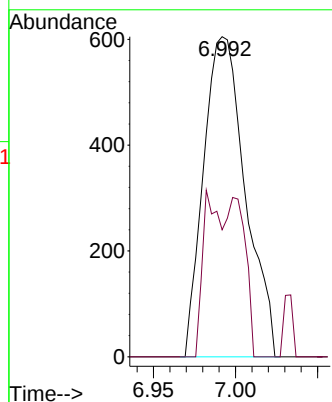
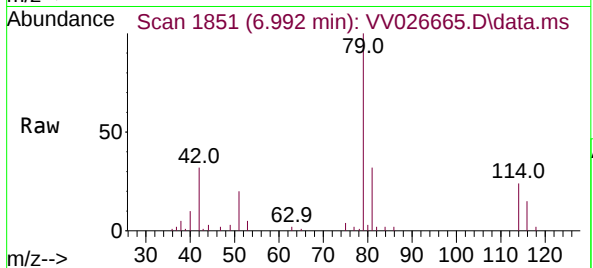
VIBLK273

Tgt Ion: 75 Resp: 1071

Ion Ratio Lower Upper

75 100

77 39.7 22.8 42.4



#47

Tetrachloroethene

Concen: 0.207 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV026665.D

Acq: 06 Jul 2022 14:23

Tgt Ion: 164 Resp: 2291

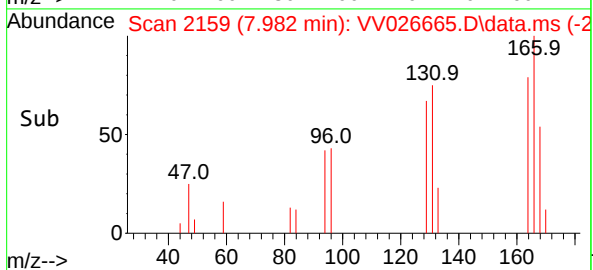
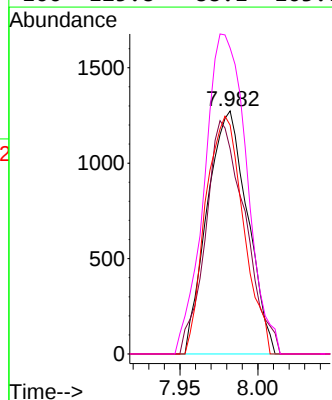
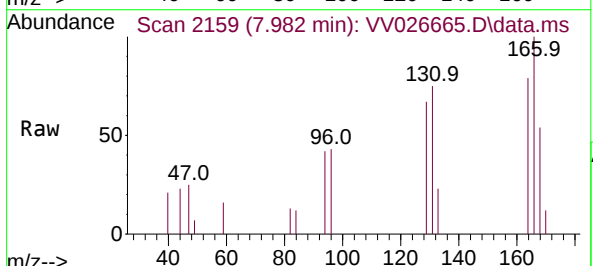
Ion Ratio Lower Upper

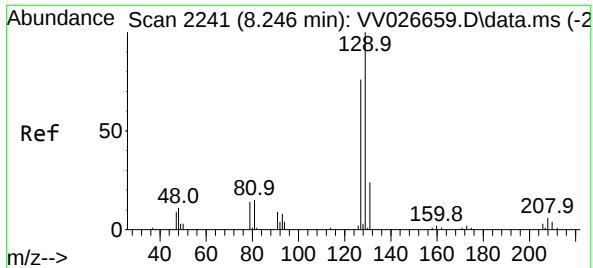
164 100

129 84.4 66.4 123.2

131 94.1 64.4 119.6

166 125.8 88.1 163.7





#49

Dibromochloromethane

Concen: 0.262 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026665.D

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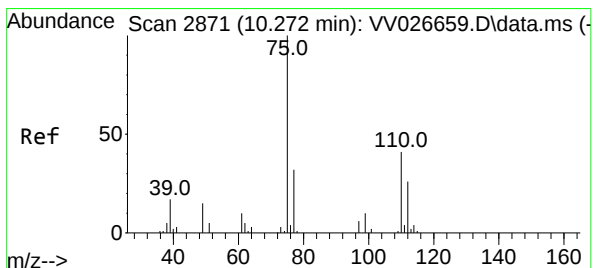
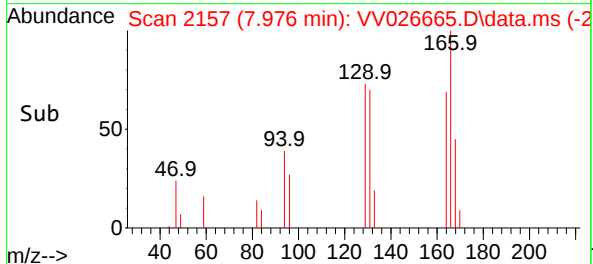
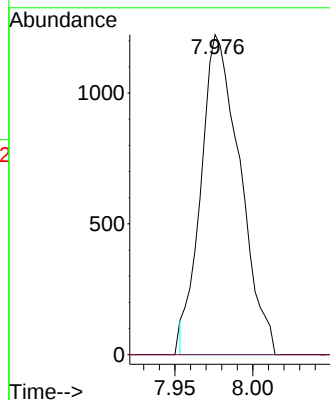
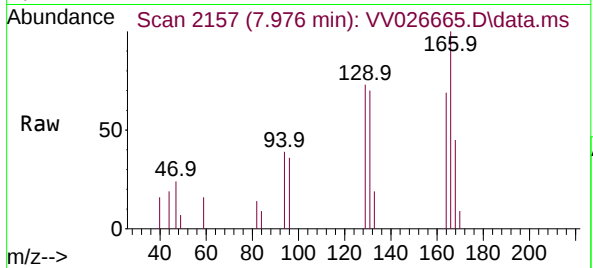
VIBLK273

Tgt Ion:129 Resp: 2130

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.646 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026665.D

Acq: 06 Jul 2022 14:23

Tgt Ion: 75 Resp: 7712

Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 2.3 32.5 48.7#

