

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025548.D
 Acq On : 14 Apr 2022 16:04
 Operator : SY/MD
 Sample : N2356-20DL 200X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT8DL

Quant Time: Apr 15 07:23:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

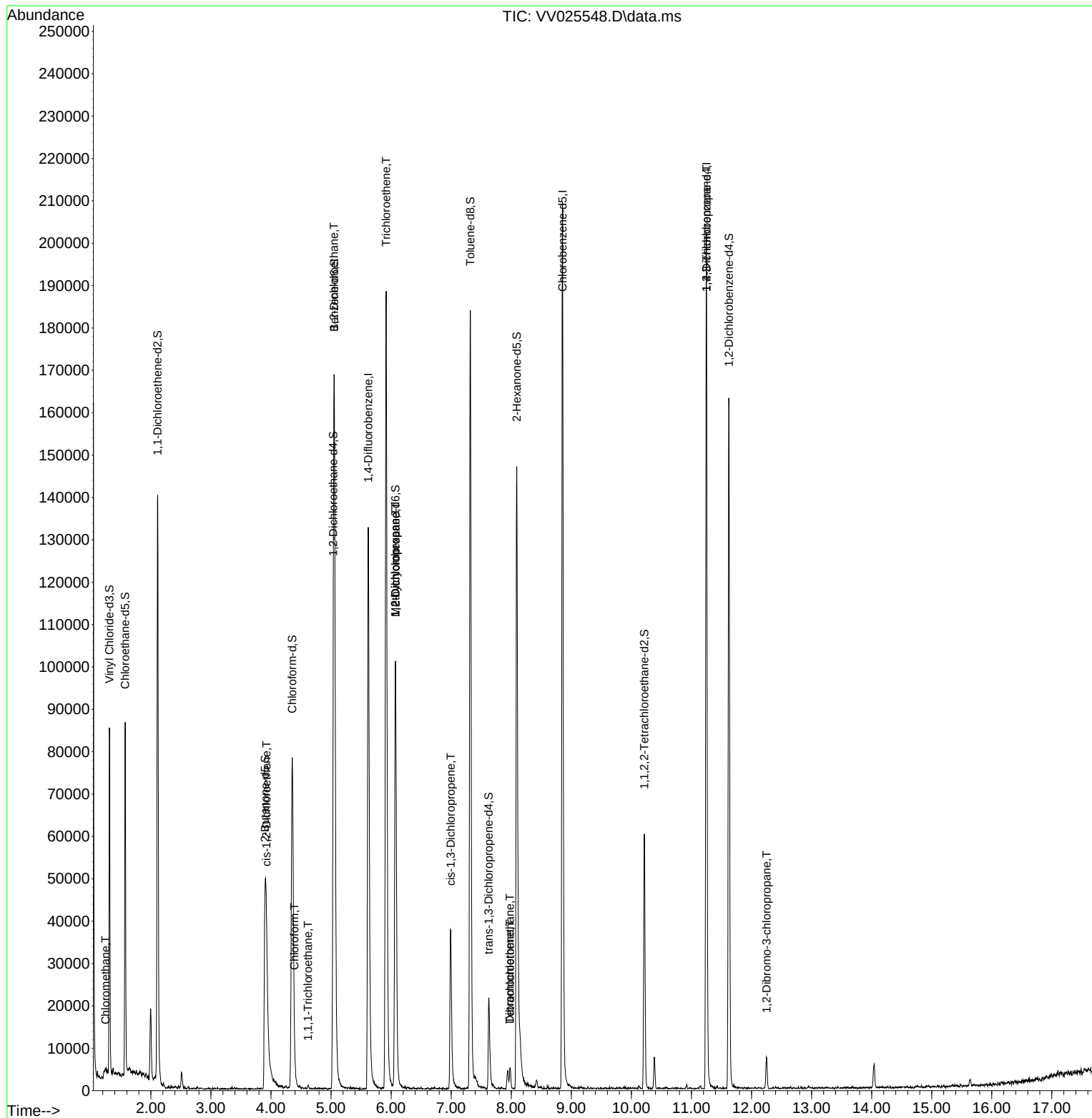
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114843	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116805	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49840	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.571	69	50988	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.111	63	74826	3.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.902	46	73009	56.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.420%
24) Chloroform-d	4.355	84	81165	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.037	65	39357	5.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.053	84	158428	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.072	67	48652	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.320	98	124207	3.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	12565	3.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.091	63	51113	45.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28320	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	41409	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	1.246	50	514	0.046	ug/L #	76
22) cis-1,2-Dichloroethene	3.924	96	9198	1.047	ug/L	98
25) Chloroform	4.387	83	2547	0.171	ug/L	89
27) 1,2-Dichloroethane	5.050	62	883	0.112	ug/L #	71
29) 1,1,1-Trichloroethane	4.616	97	347	0.025	ug/L #	70
34) Trichloroethene	5.918	95	64520	7.043	ug/L	97
35) Methylcyclohexane	6.072	83	12191	0.834	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5652	0.708	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1055	0.101	ug/L #	70
47) Tetrachloroethene	7.979	164	1042	0.145	ug/L	96
49) Dibromochloromethane	7.979	129	1016	0.173	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6072	1.767	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	229	0.385	ug/L #	2

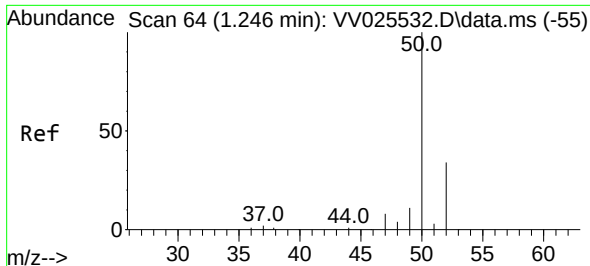
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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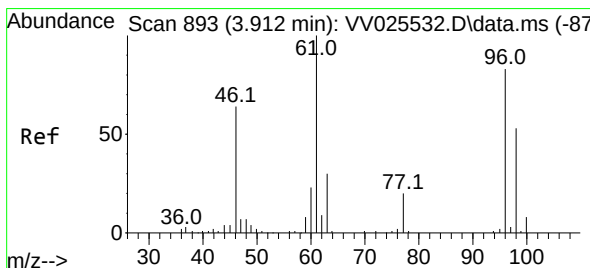
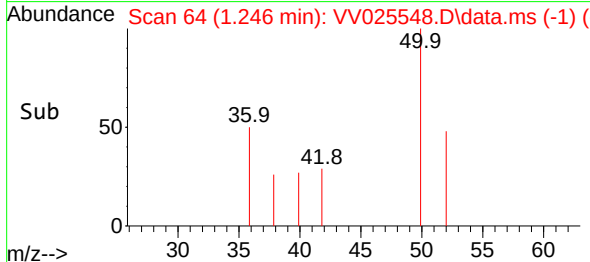
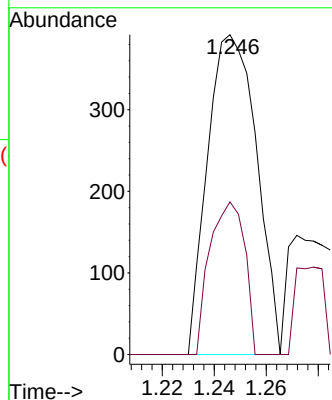
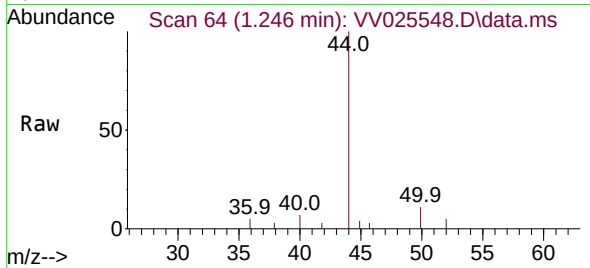




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025548.D
Acq: 14 Apr 2022 16:04

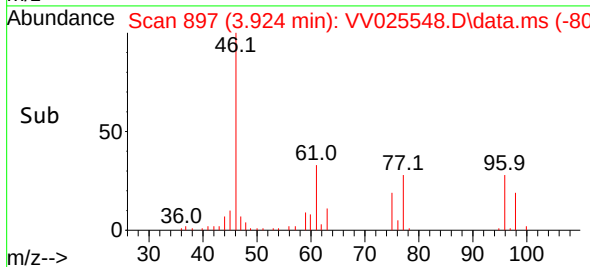
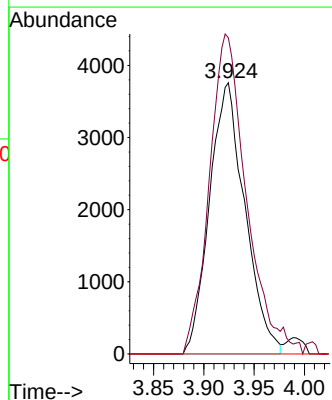
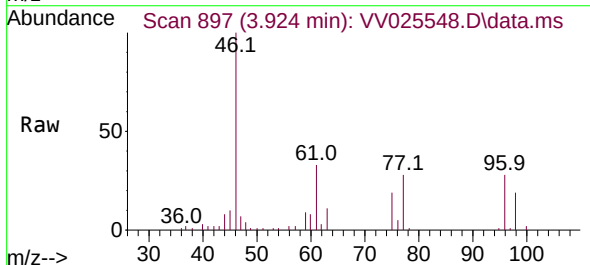
Instrument :
MSVOA_V
ClientSampleId :
GBDT8DL

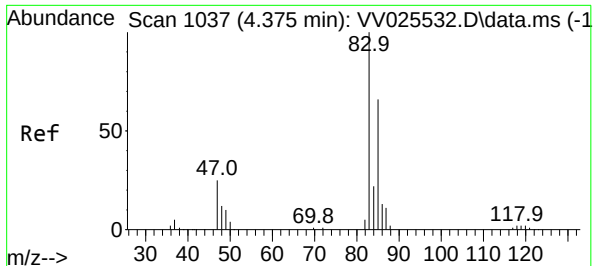
Tgt Ion: 50 Resp: 514
Ion Ratio Lower Upper
50 100
52 47.7 23.7 43.9#



#22
cis-1,2-Dichloroethene
Concen: 1.047 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.013 min
Lab File: VV025548.D
Acq: 14 Apr 2022 16:04

Tgt Ion: 96 Resp: 9198
Ion Ratio Lower Upper
96 100
61 116.6 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.171 ug/L

RT: 4.387 min Scan# 1041

Delta R.T. 0.013 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Instrument :

MSVOA_V

ClientSampleId :

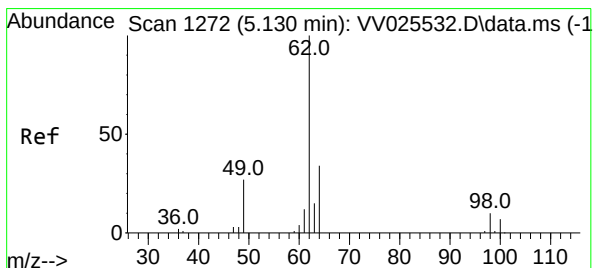
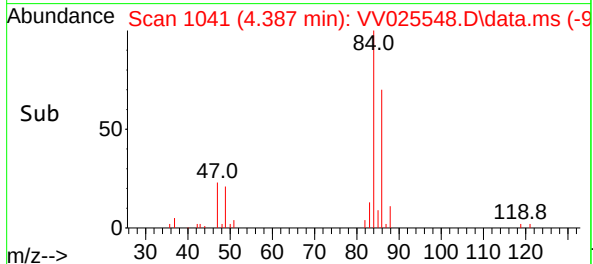
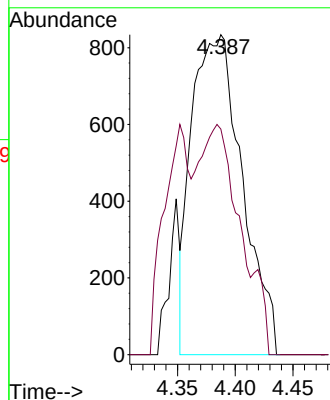
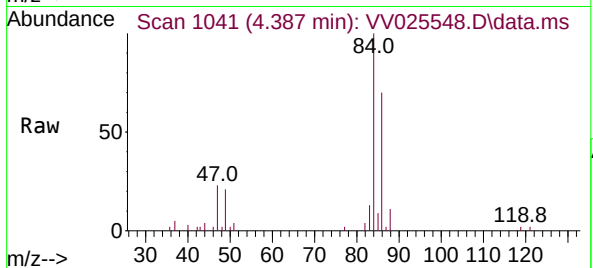
GBDT8DL

Tgt Ion: 83 Resp: 2547

Ion Ratio Lower Upper

83 100

85 70.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.112 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.081 min

Lab File: VV025548.D

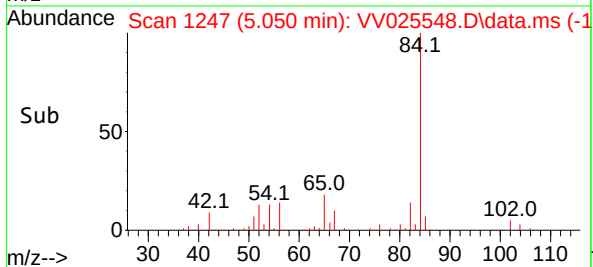
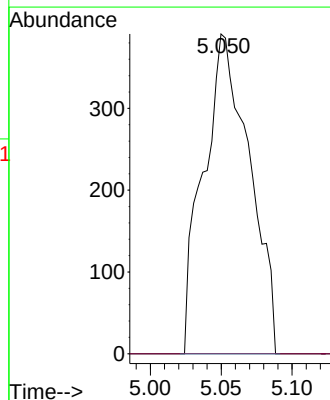
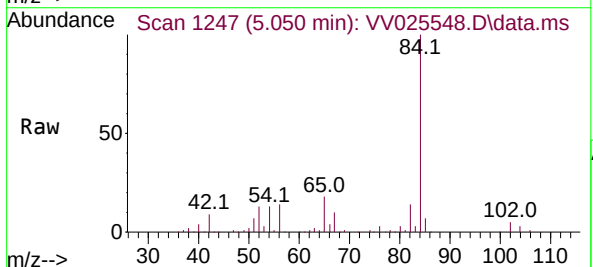
Acq: 14 Apr 2022 16:04

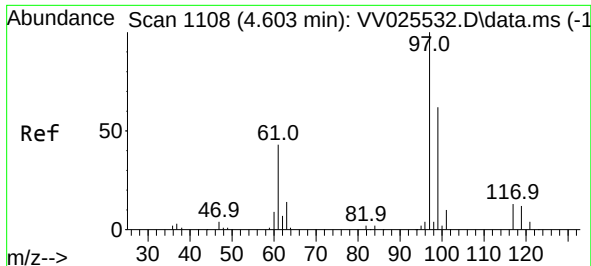
Tgt Ion: 62 Resp: 883

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#29

1,1,1-Trichloroethane

Concen: 0.025 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.013 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Instrument :

MSVOA_V

ClientSampleId :

GBDT8DL

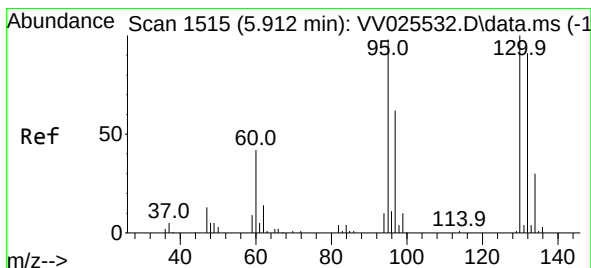
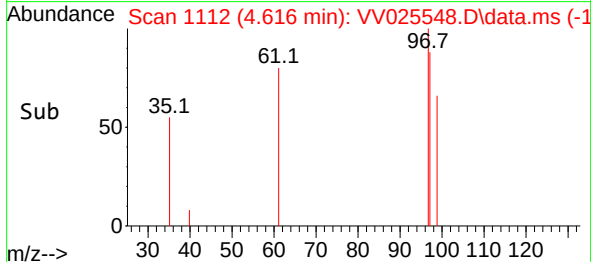
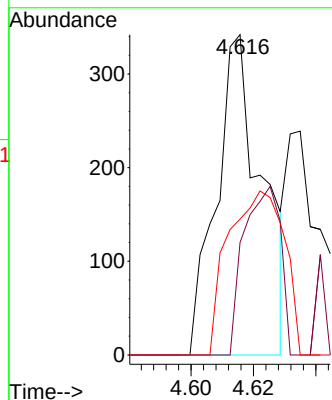
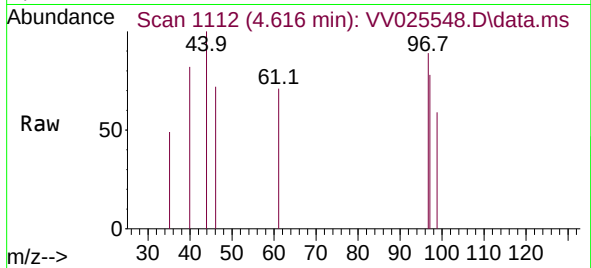
Tgt Ion: 97 Resp: 347

Ion Ratio Lower Upper

97 100

99 42.1 51.5 77.3#

61 62.8 34.3 51.5#



#34

Trichloroethene

Concen: 7.043 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Tgt Ion: 95 Resp: 64520

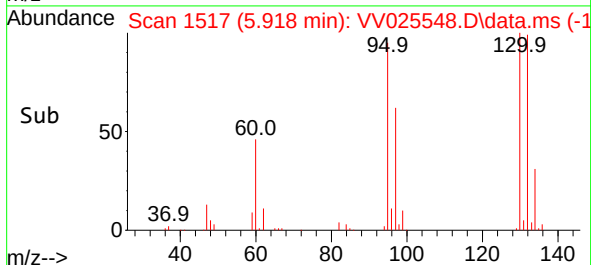
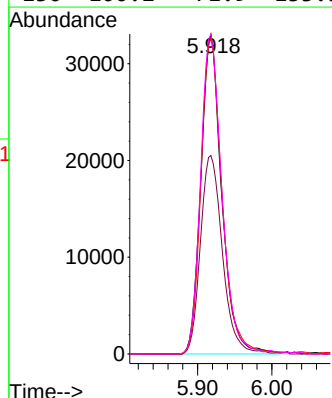
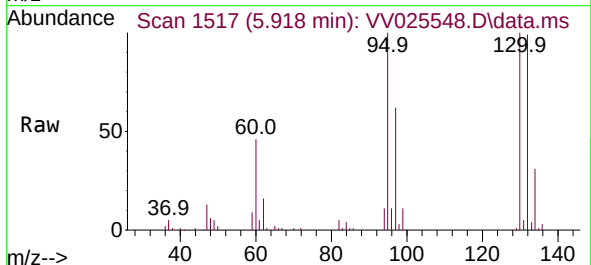
Ion Ratio Lower Upper

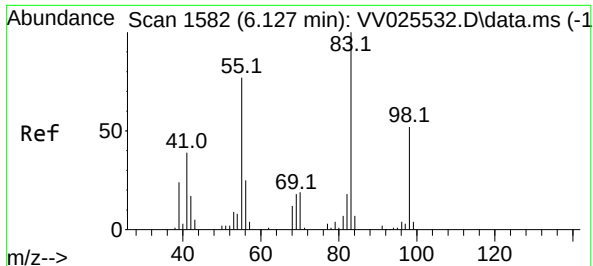
95 100

97 62.1 45.8 85.2

132 98.9 68.0 126.4

130 100.2 71.9 133.5





#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Instrument :

MSVOA_V

ClientSampleId :

GBDT8DL

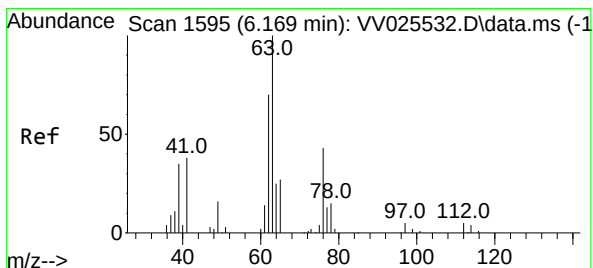
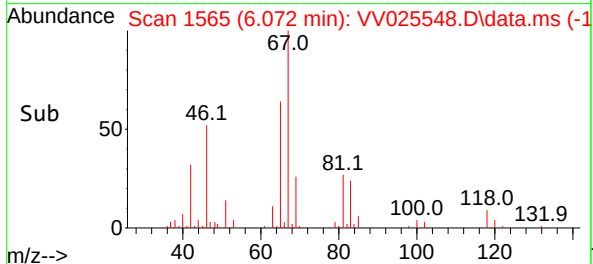
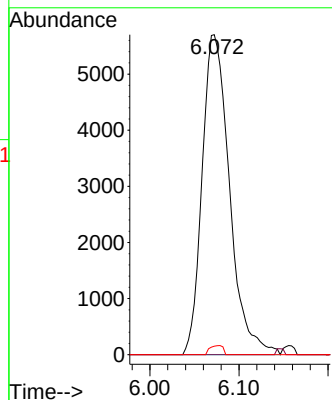
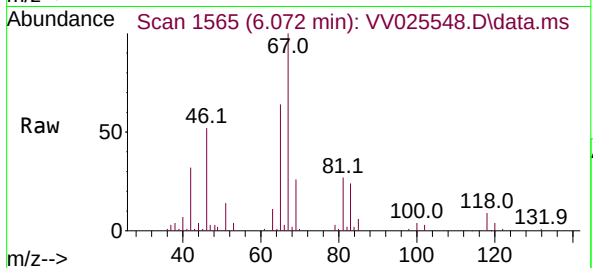
Tgt Ion: 83 Resp: 12191

Ion Ratio Lower Upper

83 100

55 0.5 53.7 80.5#

98 1.3 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.708 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV025548.D

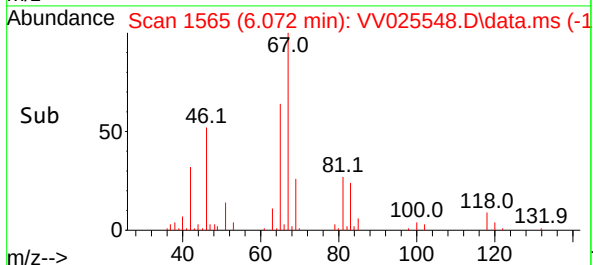
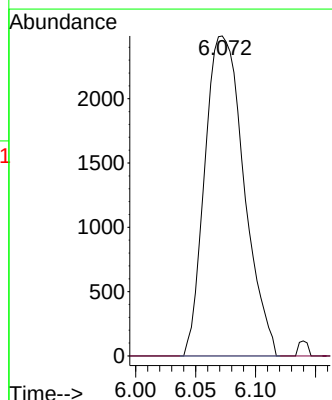
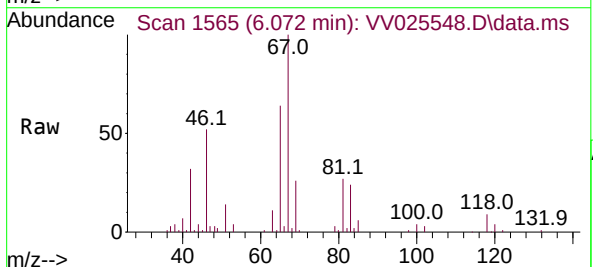
Acq: 14 Apr 2022 16:04

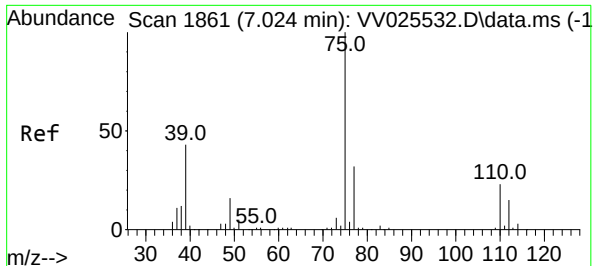
Tgt Ion: 63 Resp: 5652

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Instrument :

MSVOA_V

ClientSampleId :

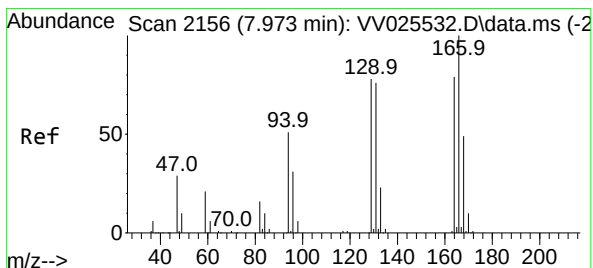
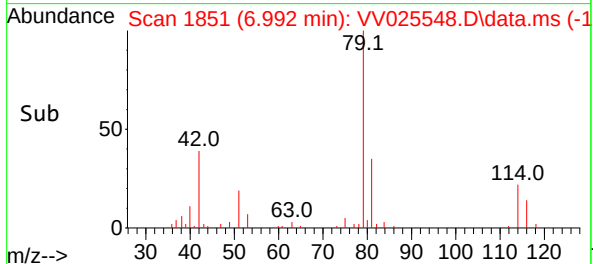
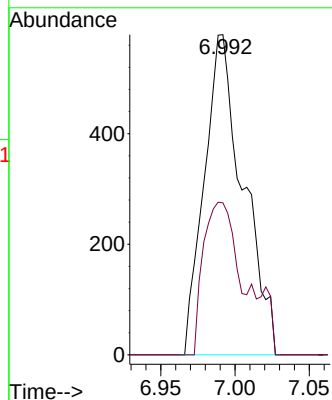
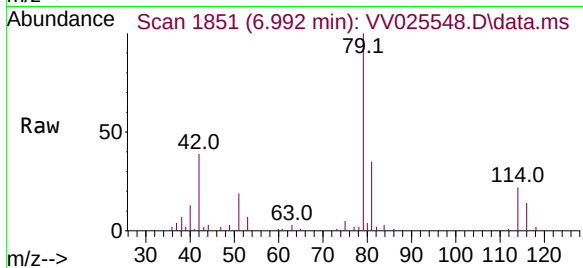
GBDT8DL

Tgt Ion: 75 Resp: 1055

Ion Ratio Lower Upper

75 100

77 47.5 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.145 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Tgt Ion: 164 Resp: 1042

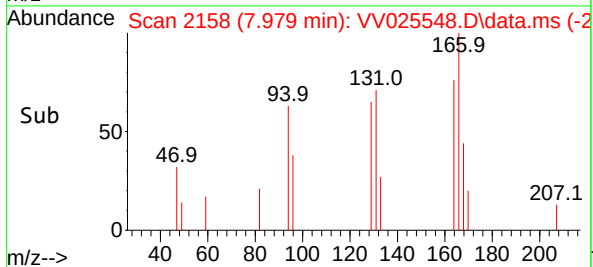
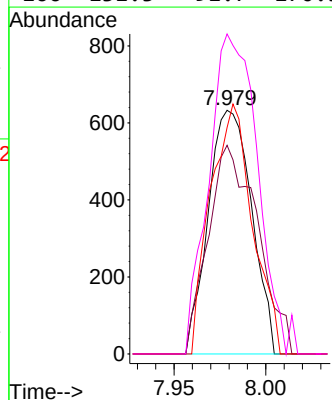
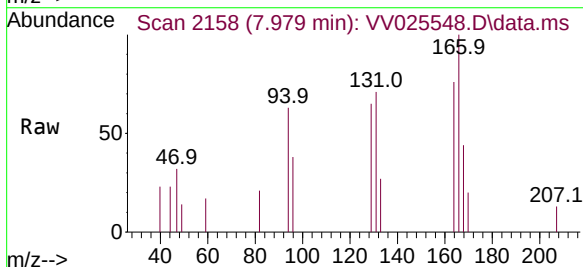
Ion Ratio Lower Upper

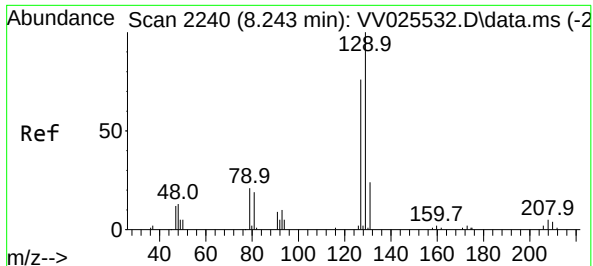
164 100

129 85.6 66.8 124.2

131 92.9 66.4 123.4

166 131.3 91.7 170.3





#49

Dibromochloromethane

Concen: 0.173 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

Instrument :

MSVOA_V

ClientSampleId :

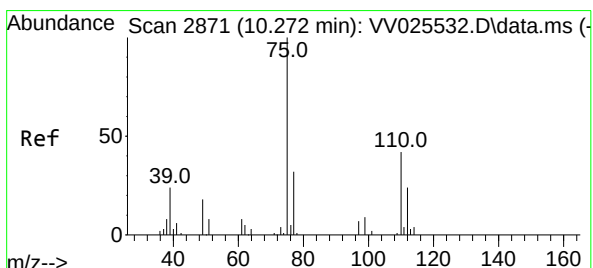
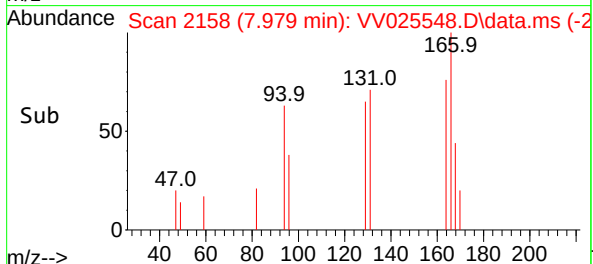
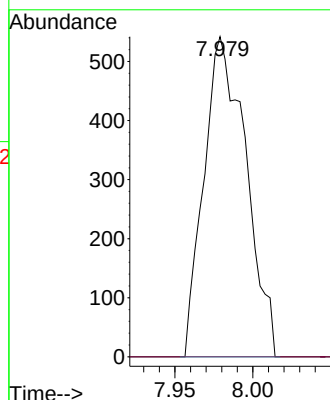
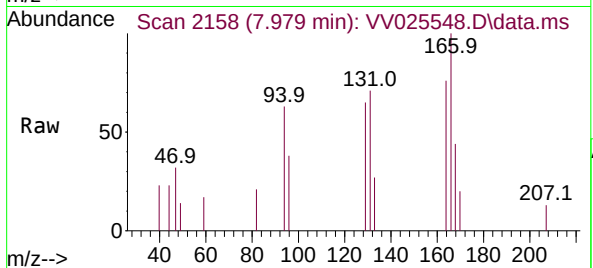
GBDT8DL

Tgt Ion:129 Resp: 1016

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.767 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025548.D

Acq: 14 Apr 2022 16:04

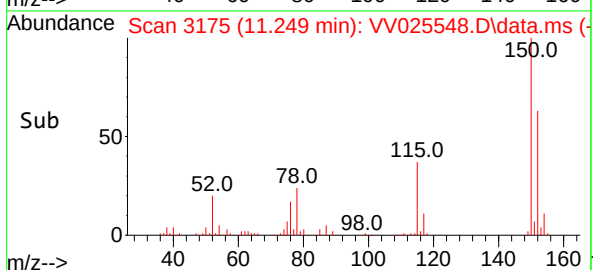
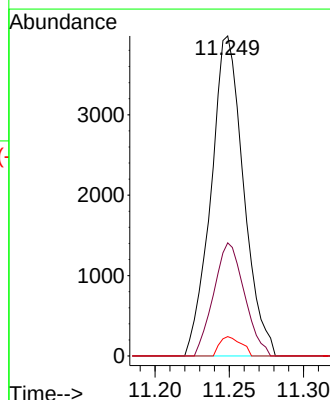
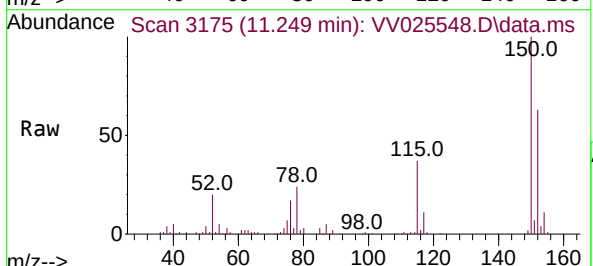
Tgt Ion: 75 Resp: 6072

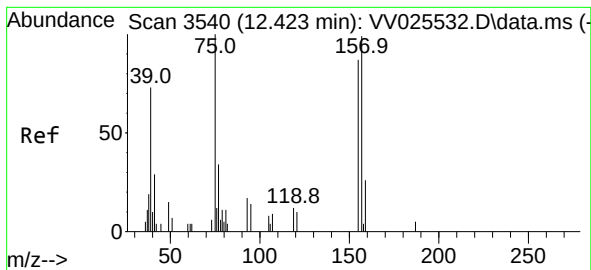
Ion Ratio Lower Upper

75 100

77 33.3 25.6 38.4

110 4.0 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.385 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025548.D
 Acq: 14 Apr 2022 16:04

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT8DL

Tgt Ion: 75 Resp: 229
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

