

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025546.D
 Acq On : 14 Apr 2022 15:17
 Operator : SY/MD
 Sample : N2356-17DL 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT5DL

Quant Time: Apr 15 07:23:35 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

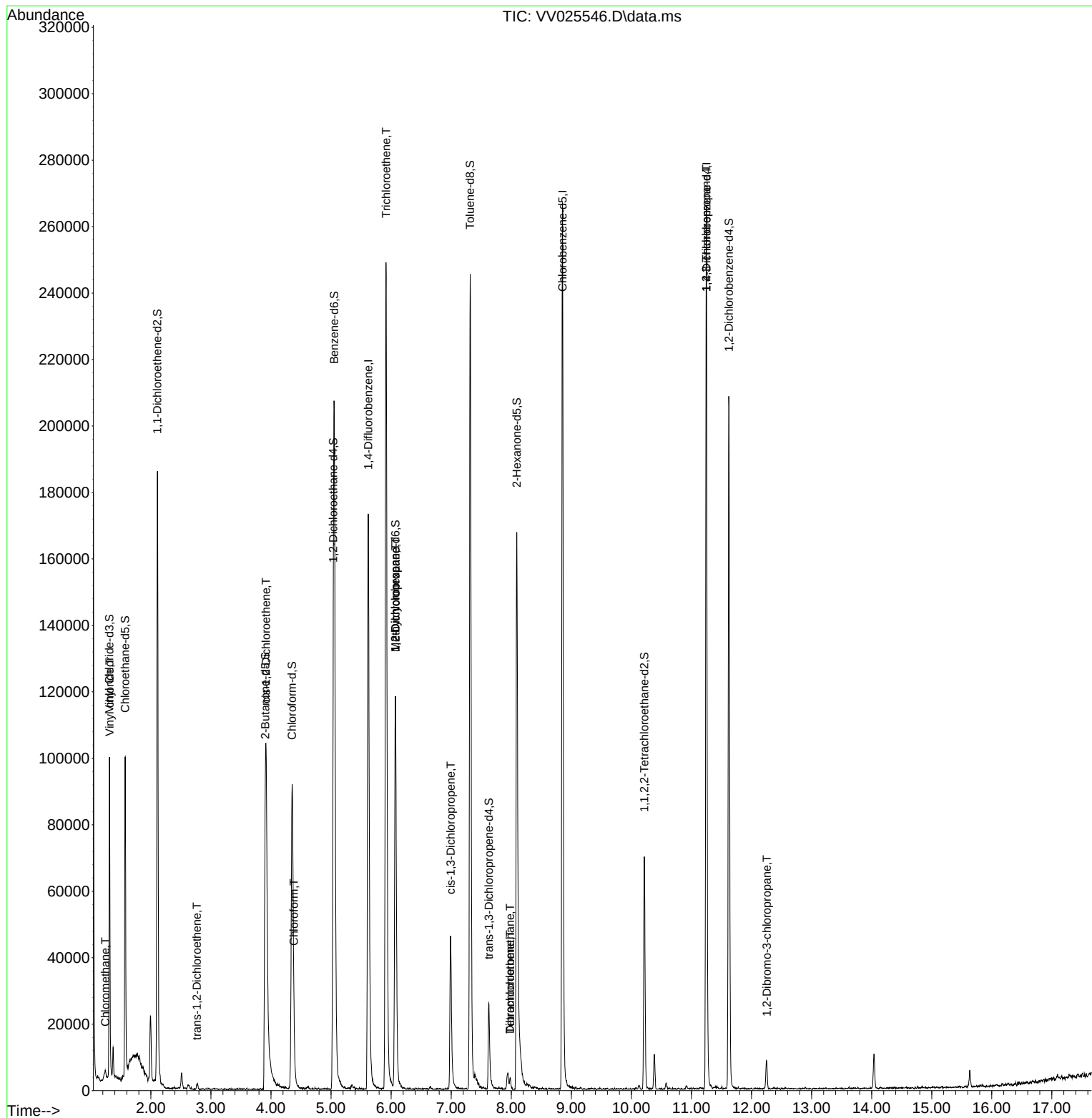
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151026	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	61669	4.392	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.571	69	62172	4.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.108	63	98776	3.512	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.905	46	84095	49.237	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.480%	
24) Chloroform-d	4.352	84	94434	4.451	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.037	65	45265	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.053	84	194076	4.494	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.072	67	57158	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.317	98	165031	4.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	7.629	79	15280	3.774	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.400%	
46) 2-Hexanone-d5	8.092	63	58026	40.840	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32461	4.266	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53140	4.815	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
3) Chloromethane	1.243	50	1075	0.073	ug/L	97
5) Vinyl chloride	1.314	62	676	0.040	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	545	0.050	ug/L	89
22) cis-1,2-Dichloroethene	3.918	96	38934	3.369	ug/L	93
25) Chloroform	4.381	83	3252	0.166	ug/L	76
34) Trichloroethene	5.915	95	85512	7.304	ug/L	98
35) Methylcyclohexane	6.072	83	13855	0.742	ug/L #	23
37) 1,2-Dichloropropane	6.072	63	6754	0.662	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1284	0.096	ug/L #	52
47) Tetrachloroethene	7.982	164	800	0.087	ug/L #	69
49) Dibromochloromethane	7.982	129	681	0.091	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8317	1.918	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.252	75	350	0.467	ug/L #	2

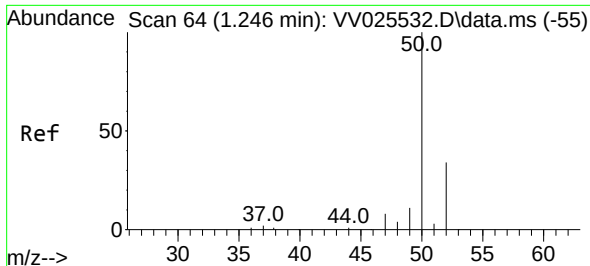
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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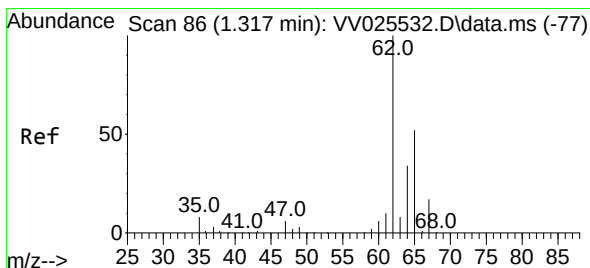
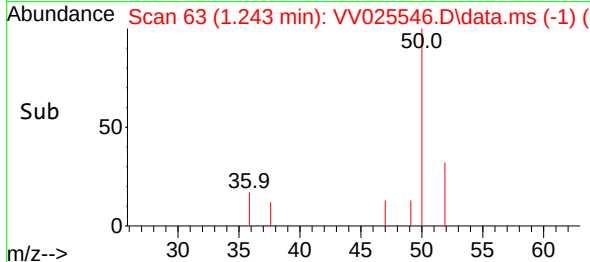
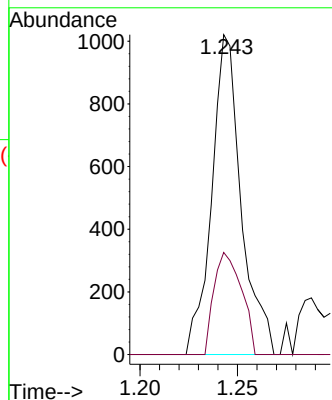
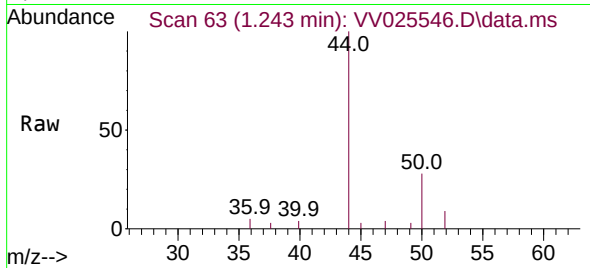




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

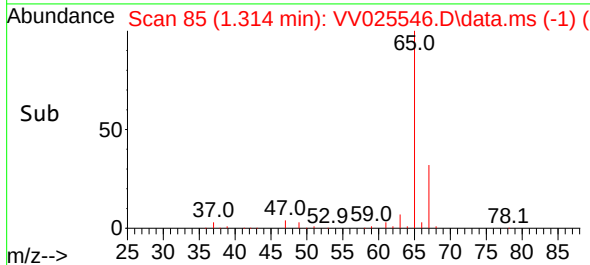
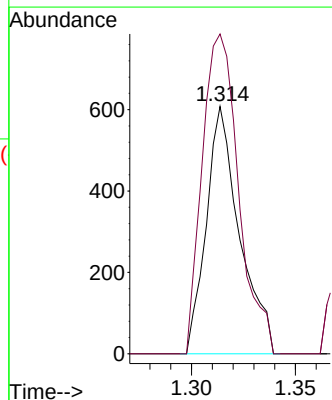
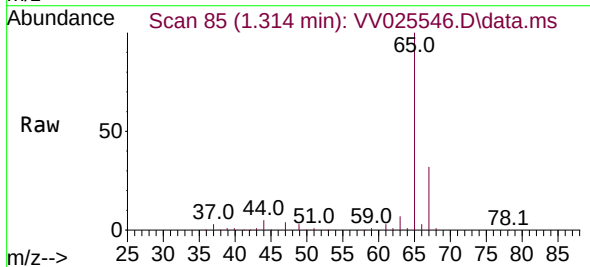
Instrument :
MSVOA_V
ClientSampleId :
GBDT5DL

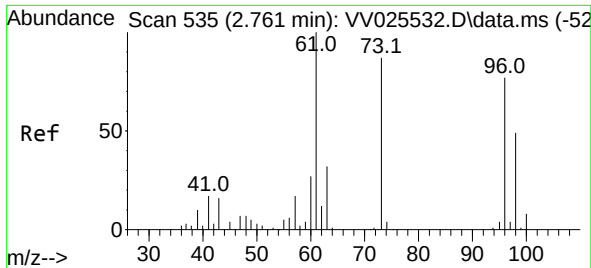
Tgt Ion: 50 Resp: 1075
Ion Ratio Lower Upper
50 100
52 31.9 23.7 43.9



#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.003 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

Tgt Ion: 62 Resp: 676
Ion Ratio Lower Upper
62 100
64 129.3 23.2 43.2#

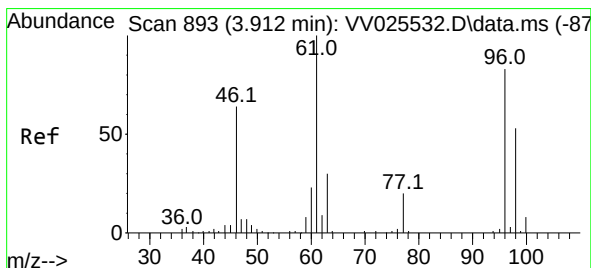
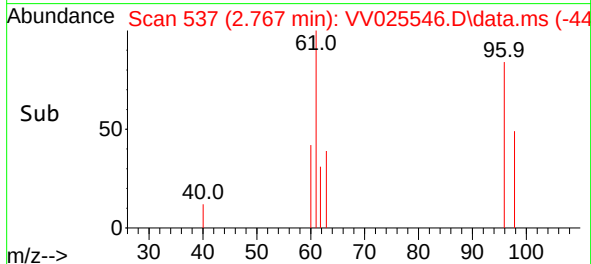
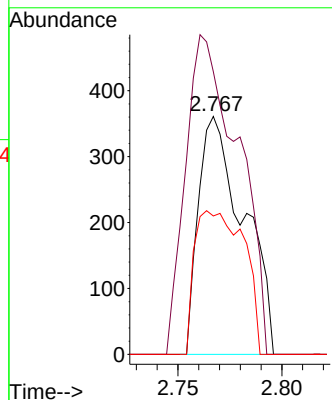
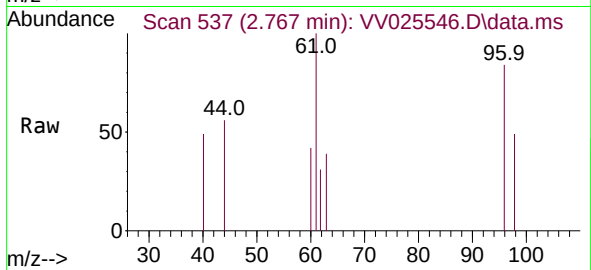




#18
trans-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

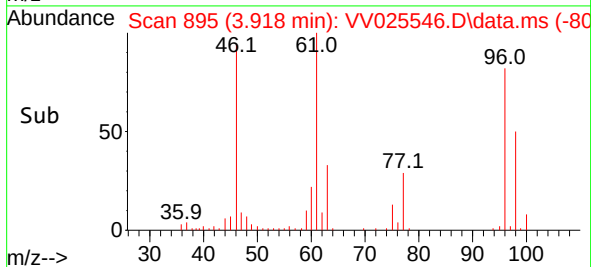
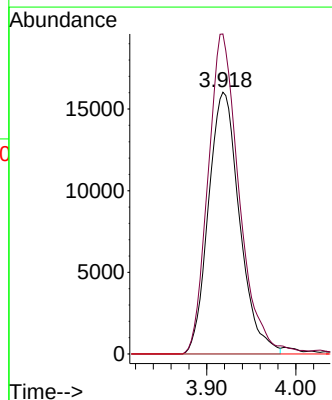
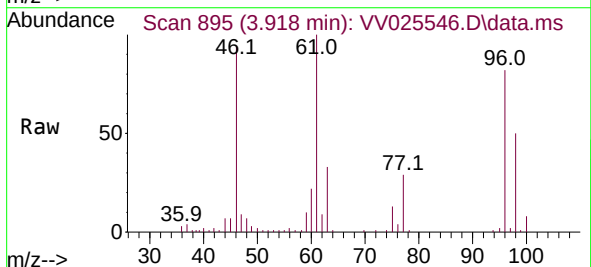
Instrument :
MSVOA_V
ClientSampleId :
GBDT5DL

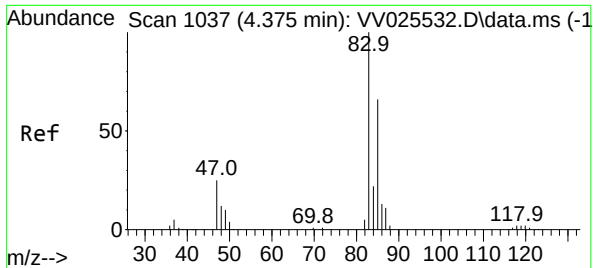
Tgt Ion: 96 Resp: 545
Ion Ratio Lower Upper
96 100
61 118.8 92.1 171.1
98 58.2 47.5 88.1



#22
cis-1,2-Dichloroethene
Concen: 3.369 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

Tgt Ion: 96 Resp: 38934
Ion Ratio Lower Upper
96 100
61 122.2 80.0 148.6
68 0.0 0.0 0.0

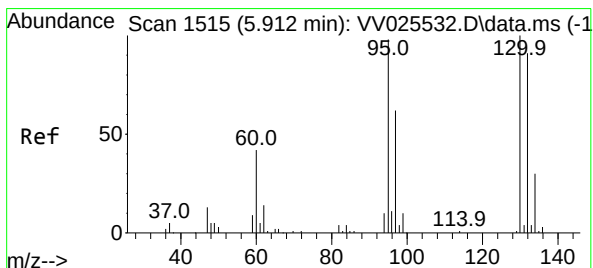
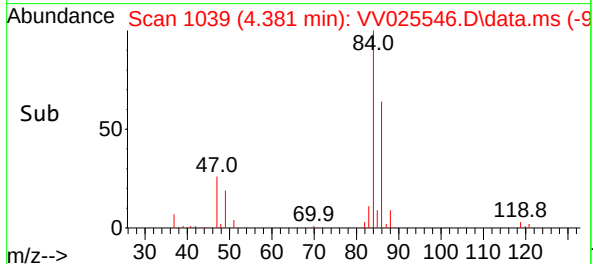
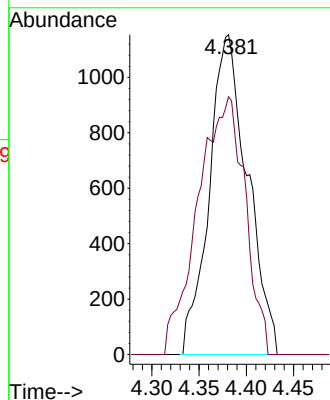
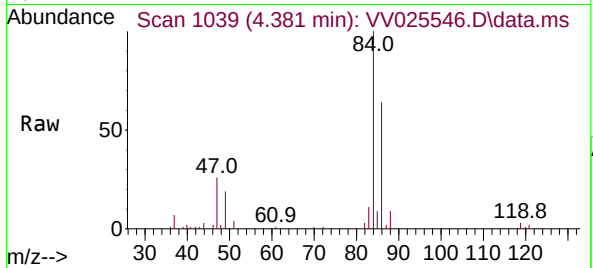




#25
Chloroform
Concen: 0.166 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

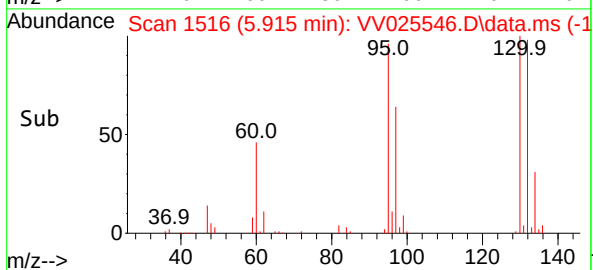
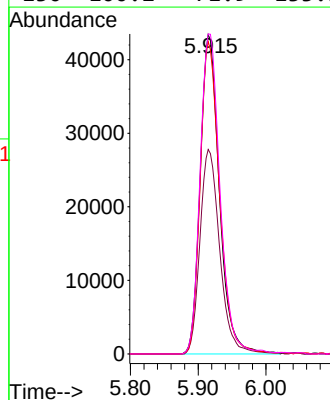
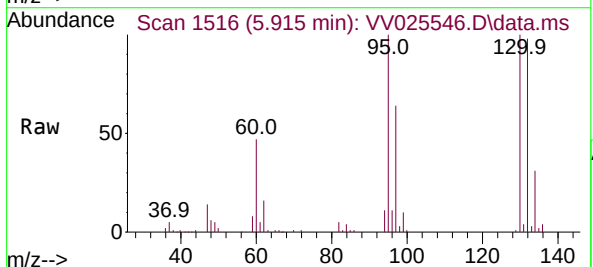
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GBDT5DL

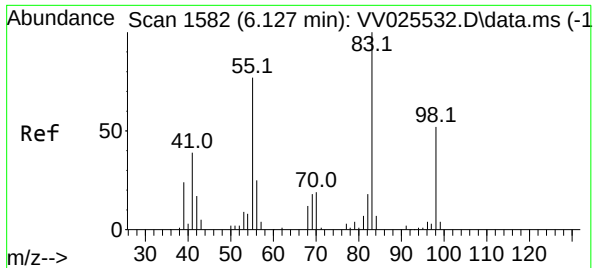
Tgt Ion: 83 Resp: 3252
Ion Ratio Lower Upper
83 100
85 80.6 43.5 80.7



#34
Trichloroethene
Concen: 7.304 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

Tgt Ion: 95 Resp: 85512
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 97.8 68.0 126.4
130 100.2 71.9 133.5

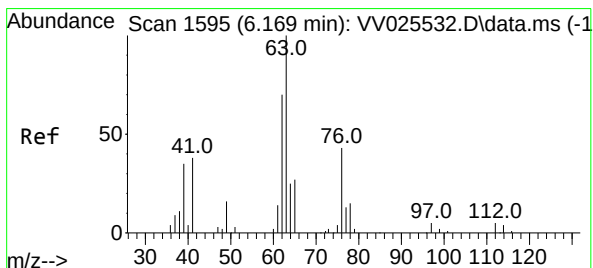
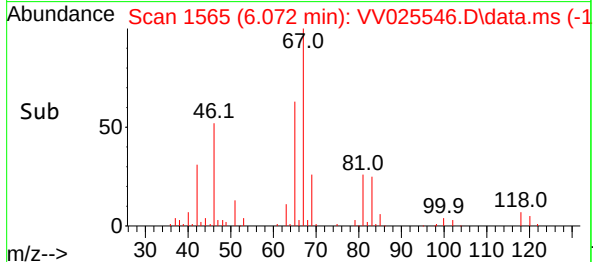
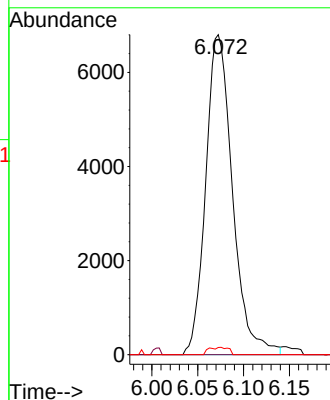
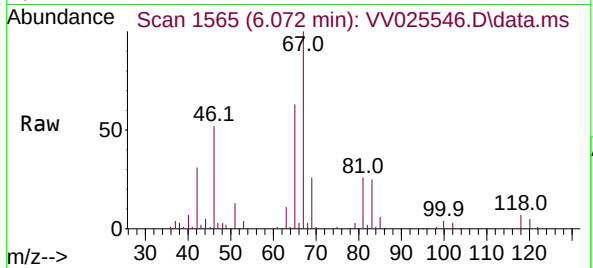




#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

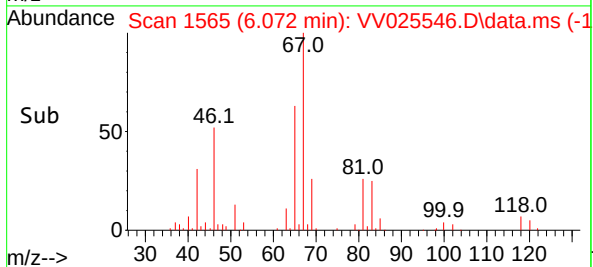
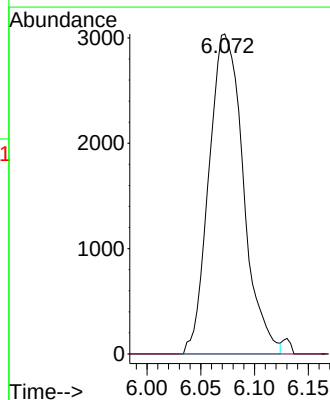
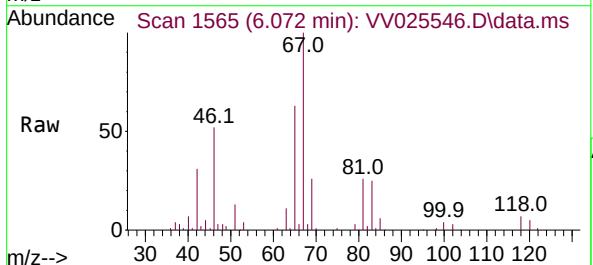
Instrument :
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ClientSampleId :
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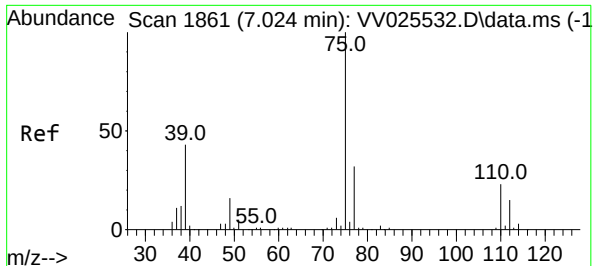
Tgt Ion: 83 Resp: 13855
Ion Ratio Lower Upper
83 100
55 0.5 53.7 80.5#
98 1.7 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.097 min
Lab File: VV025546.D
Acq: 14 Apr 2022 15:17

Tgt Ion: 63 Resp: 6754
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV025546.D

Acq: 14 Apr 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

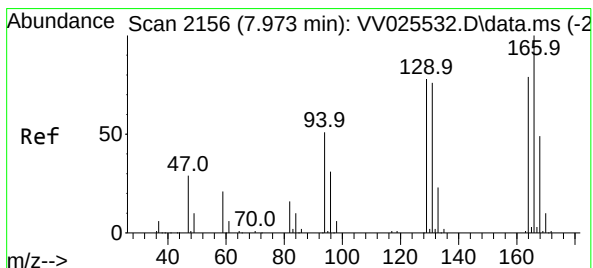
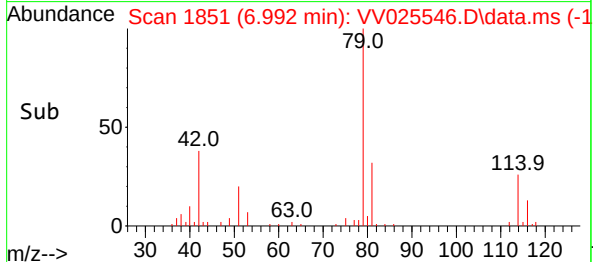
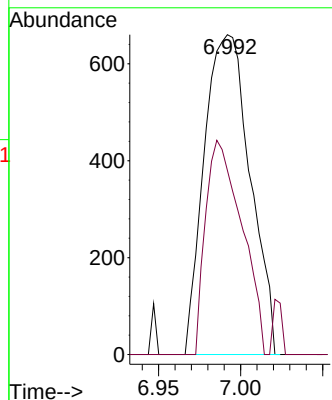
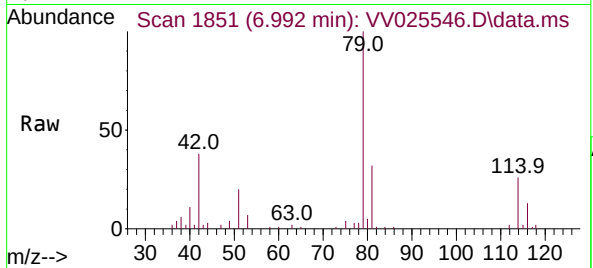
GBDT5DL

Tgt Ion: 75 Resp: 1284

Ion Ratio Lower Upper

75 100

77 57.6 21.8 40.6#



#47

Tetrachloroethene

Concen: 0.087 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025546.D

Acq: 14 Apr 2022 15:17

Tgt Ion:164 Resp: 800

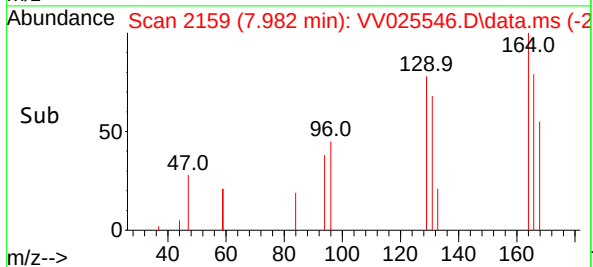
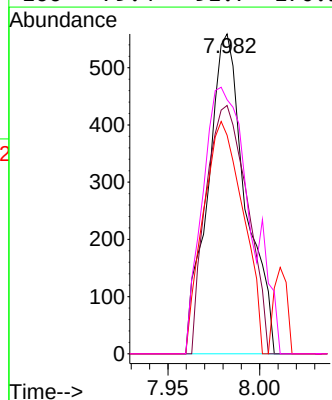
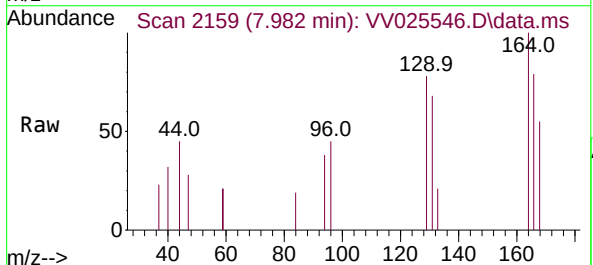
Ion Ratio Lower Upper

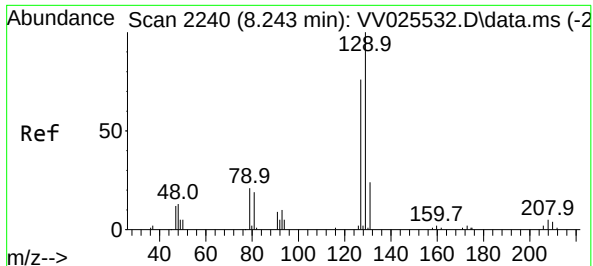
164 100

129 77.6 66.8 124.2

131 68.3 66.4 123.4

166 79.4 91.7 170.3#





#49

Dibromochloromethane

Concen: 0.091 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025546.D

Acq: 14 Apr 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

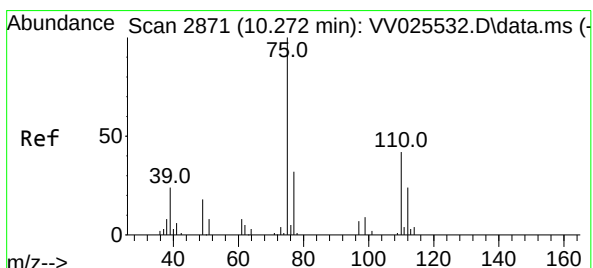
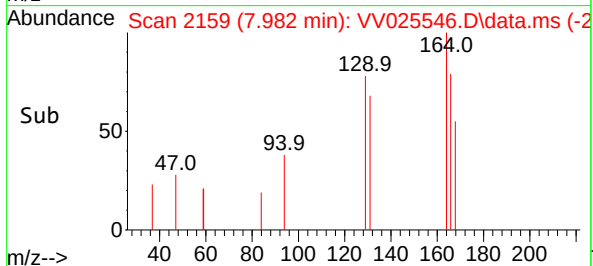
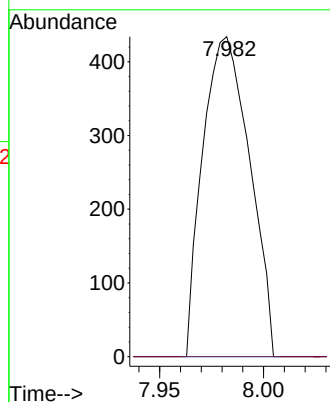
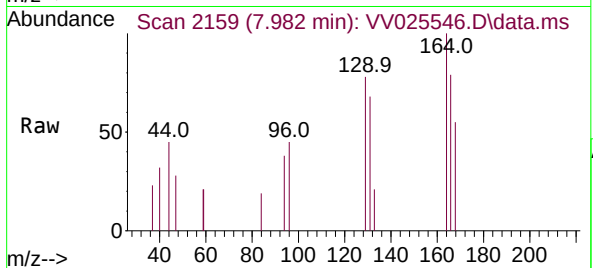
GBDT5DL

Tgt Ion:129 Resp: 681

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.918 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025546.D

Acq: 14 Apr 2022 15:17

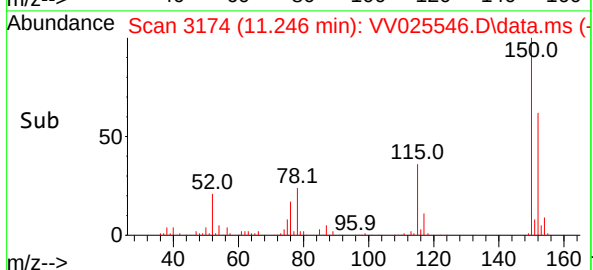
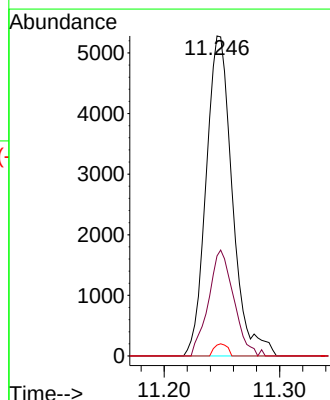
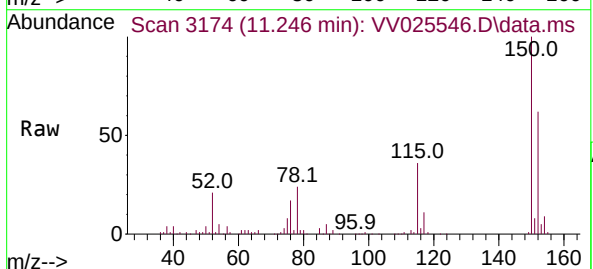
Tgt Ion: 75 Resp: 8317

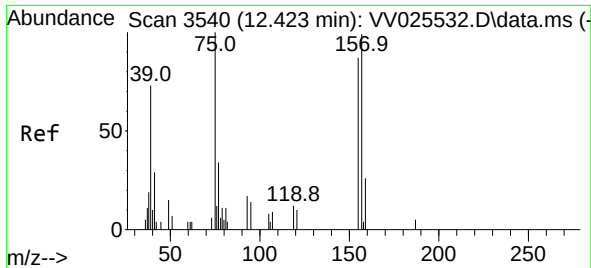
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 1.9 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.467 ug/L

RT: 12.252 min Scan# 34

Delta R.T. -0.170 min

Lab File: VV025546.D

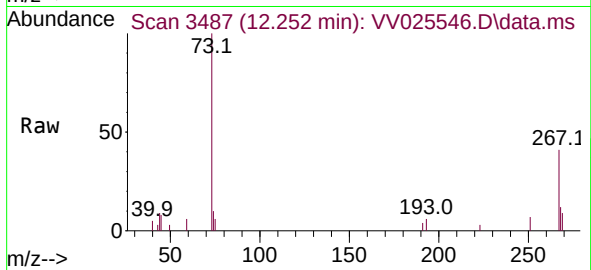
Acq: 14 Apr 2022 15:17

Instrument :

MSVOA_V

ClientSampleId :

GBDT5DL



Tgt Ion:	75	Resp:	350
Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.8#
157	0.0	86.6	130.0#

