

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025535.D
 Acq On : 14 Apr 2022 10:59
 Operator : SY/MD
 Sample : N2356-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT1

Quant Time: Apr 15 07:21:01 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)

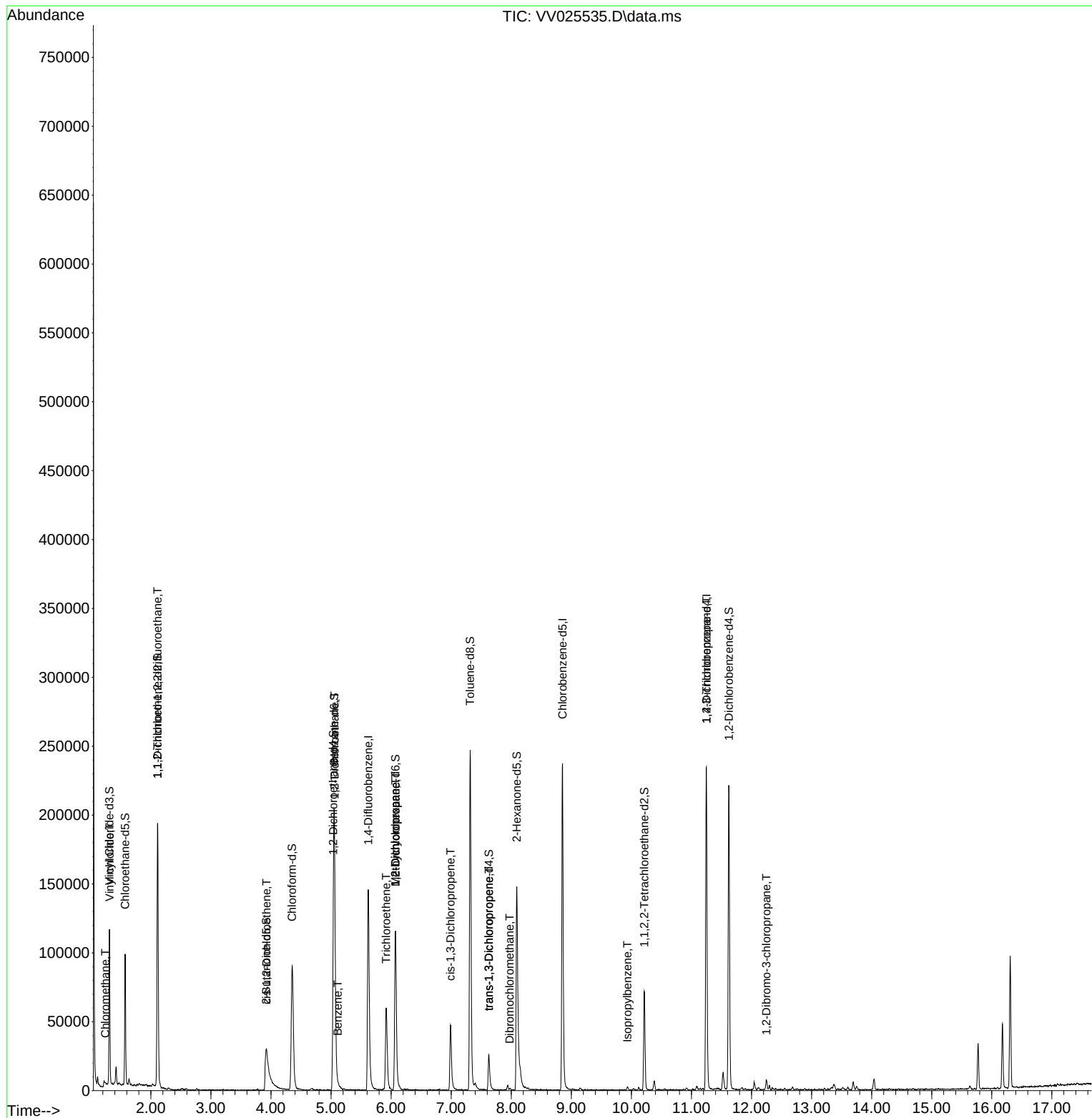
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129268	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58928	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	65756	5.471	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.400%	
7) Chloroethane-d5	1.571	69	59514	4.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.111	63	102887	4.274	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	3.921	46	64701	44.258	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.520%	
24) Chloroform-d	4.352	84	94098	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.037	65	42934	5.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	5.053	84	192574	5.138	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.072	67	55497	5.309	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.200%	
41) Toluene-d8	7.317	98	163973	4.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	7.628	79	15242	4.338	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.091	63	54688	44.348	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.700%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33857	5.127	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	53680	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	472	0.037	ug/L #	58
5) Vinyl chloride	1.314	62	661	0.046	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	997	0.088	ug/L #	25
22) cis-1,2-Dichloroethene	3.924	96	3223	0.326	ug/L	86
27) 1,2-Dichloroethane	5.059	62	1179	0.133	ug/L #	71
33) Benzene	5.111	78	2046	0.053	ug/L	100
34) Trichloroethene	5.918	95	21736	2.139	ug/L	95
35) Methylcyclohexane	6.072	83	13970	0.862	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5804	0.656	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1425	0.123	ug/L	85
44) trans-1,3-Dichloropropene	7.628	75	669	0.074	ug/L #	64
49) Dibromochloromethane	7.976	129	281	0.043	ug/L #	11
60) Isopropylbenzene	9.934	105	1515	0.042	ug/L #	83
61) 1,2,3-Trichloropropane	11.249	75	7330	1.889	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.246	75	346	0.516	ug/L #	2

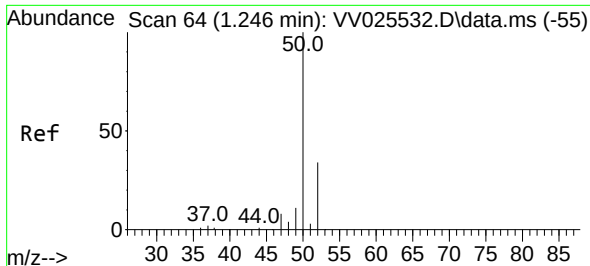
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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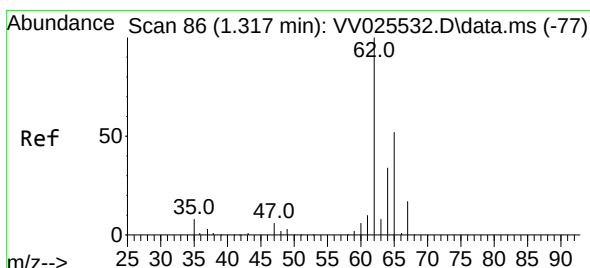
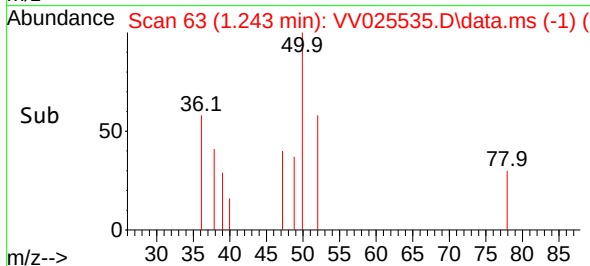
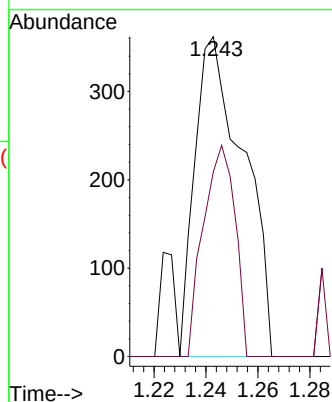
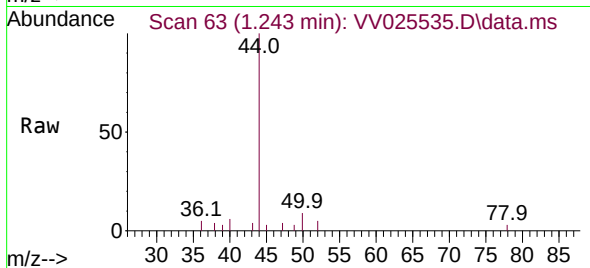




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

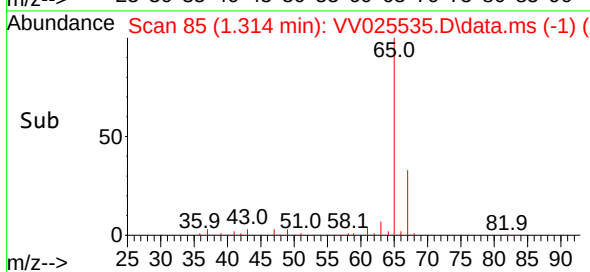
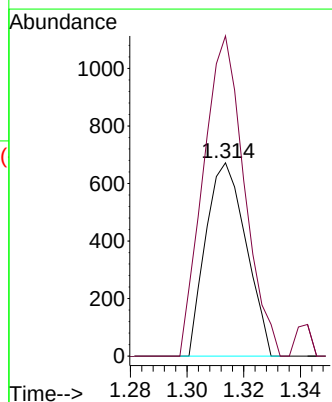
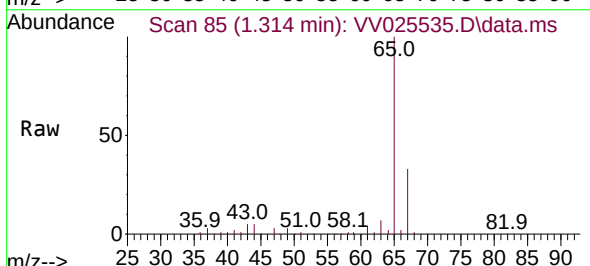
Instrument :
MSVOA_V
ClientSampleId :
GBDT1

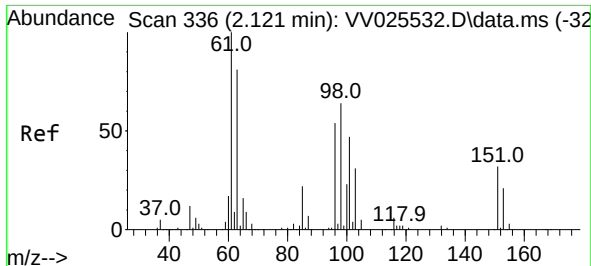
Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 57.7 23.7 43.9#



#5
Vinyl chloride
Concen: 0.046 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.003 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Tgt Ion: 62 Resp: 661
Ion Ratio Lower Upper
62 100
64 165.6 23.2 43.2#

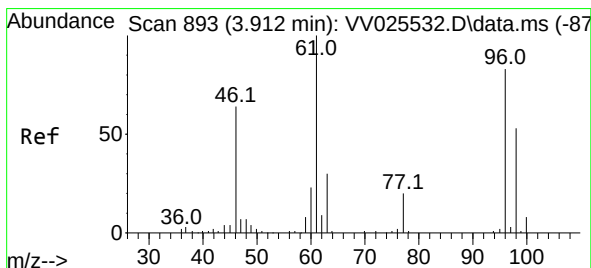
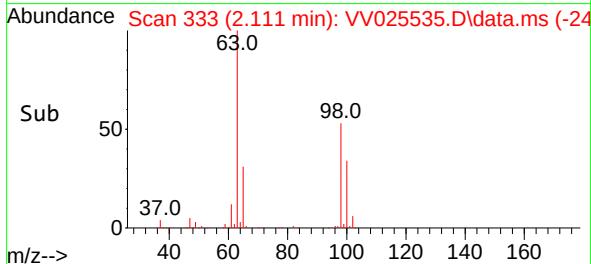
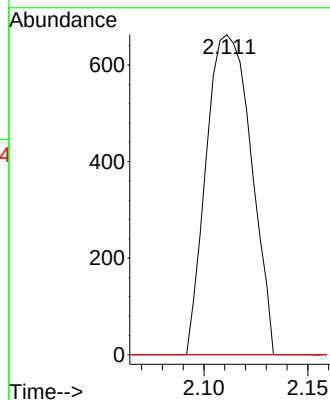
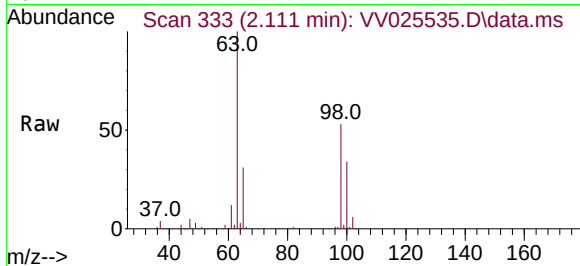




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

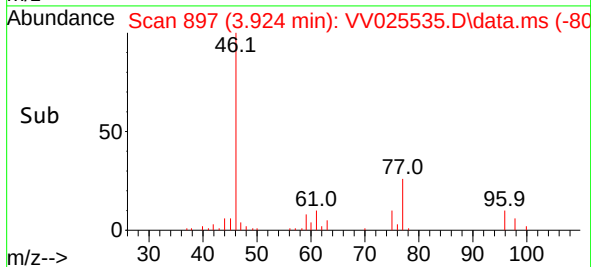
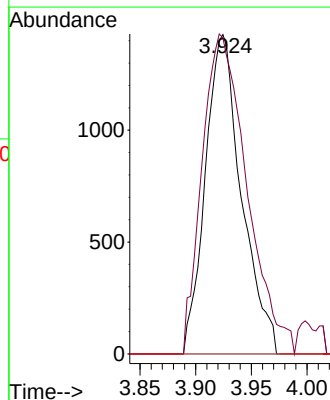
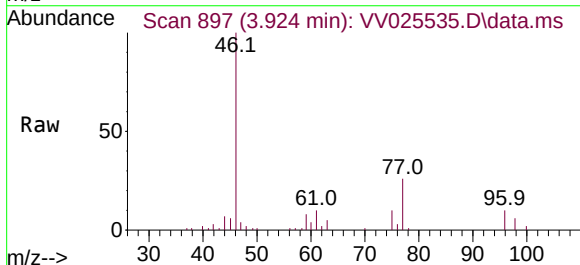
Instrument :
MSVOA_V
ClientSampleId :
GBDT1

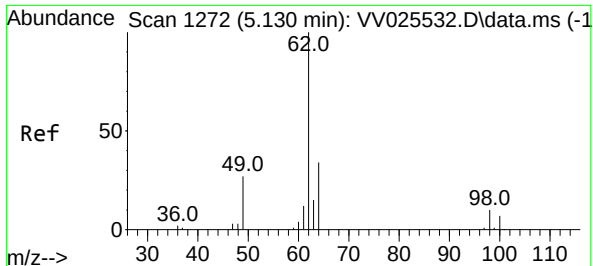
Tgt Ion:101 Resp: 997
Ion Ratio Lower Upper
101 100
85 7.0 35.9 53.9#
151 0.0 56.0 84.0#



#22
cis-1,2-Dichloroethene
Concen: 0.326 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.013 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Tgt Ion: 96 Resp: 3223
Ion Ratio Lower Upper
96 100
61 99.0 80.0 148.6
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.133 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV025535.D

Acq: 14 Apr 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

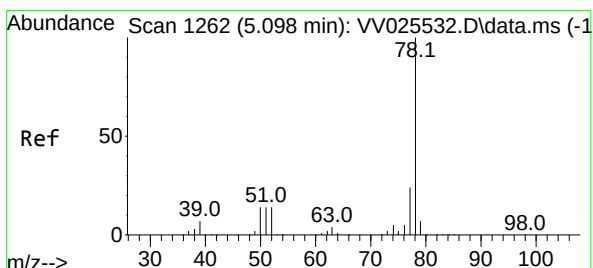
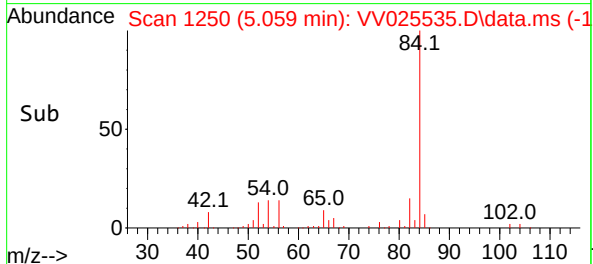
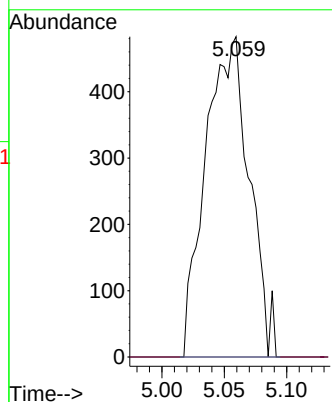
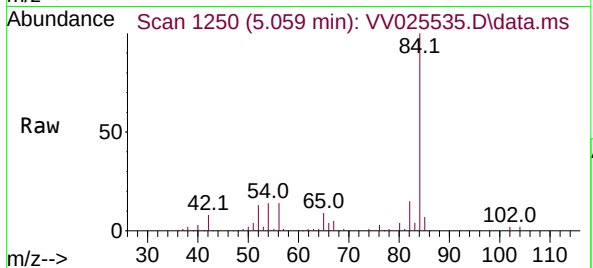
GBDT1

Tgt Ion: 62 Resp: 1179

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#33

Benzene

Concen: 0.053 ug/L

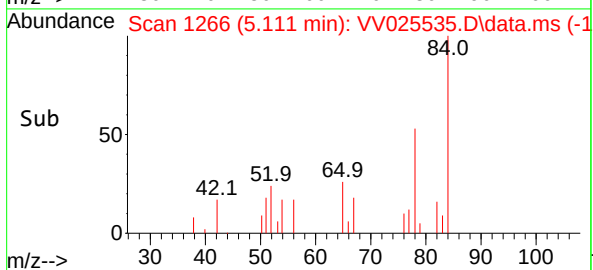
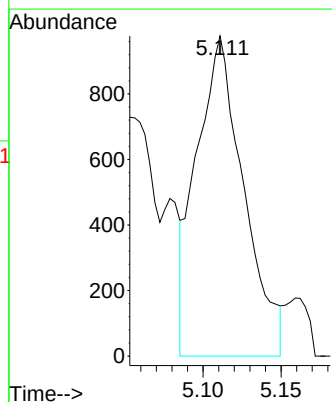
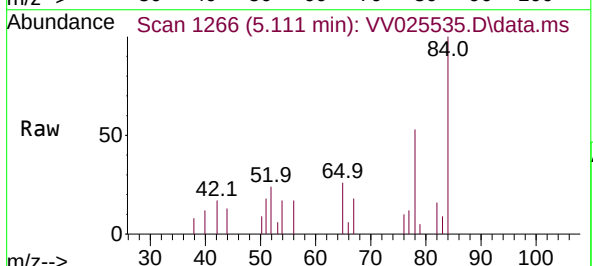
RT: 5.111 min Scan# 1266

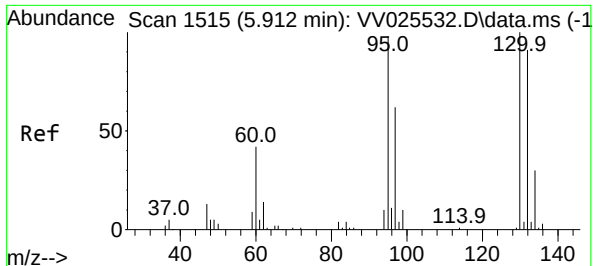
Delta R.T. 0.013 min

Lab File: VV025535.D

Acq: 14 Apr 2022 10:59

Tgt Ion: 78 Resp: 2046



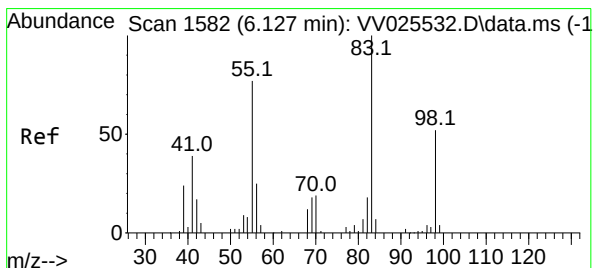
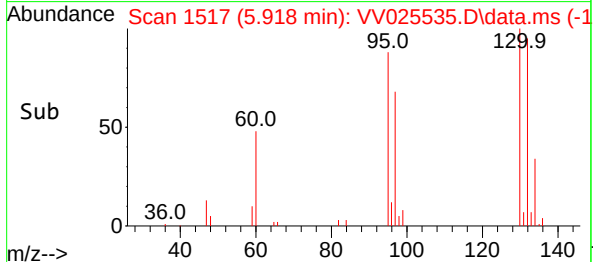
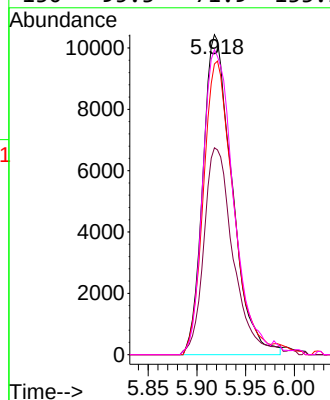
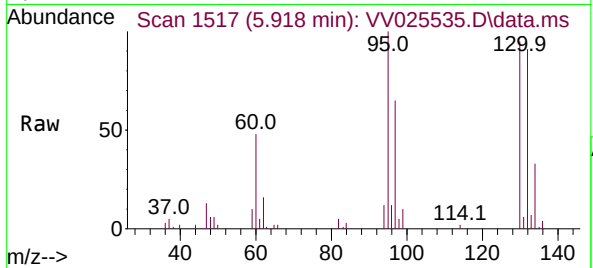


#34
Trichloroethene
Concen: 2.139 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Instrument :
MSVOA_V
ClientSampleId :
GBDT1

Tgt Ion: 95 Resp: 21736

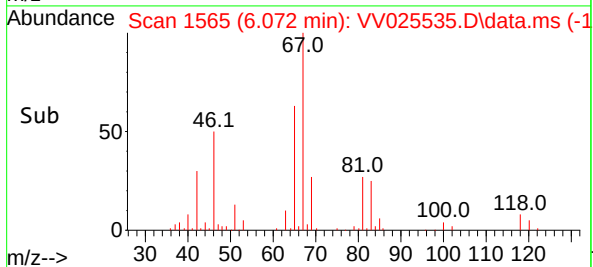
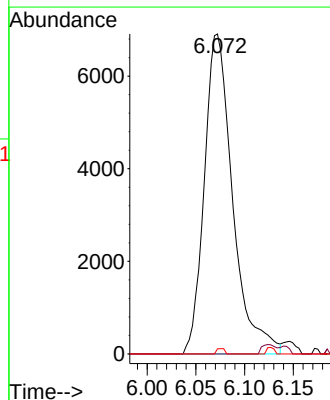
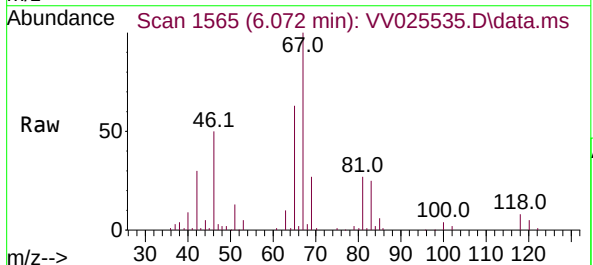
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.2
132	90.9	68.0	126.4
130	95.3	71.9	133.5

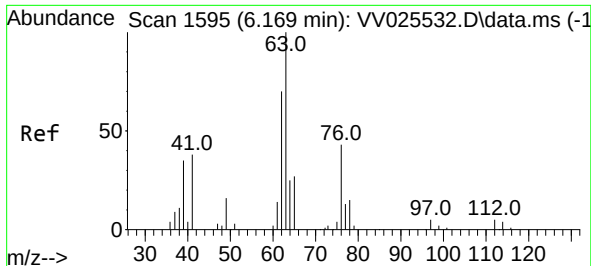


#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Tgt Ion: 83 Resp: 13970

Ion	Ratio	Lower	Upper
83	100		
55	0.0	53.7	80.5#
98	0.5	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025535.D

Acq: 14 Apr 2022 10:59

Instrument :

MSVOA_V

ClientSampleId :

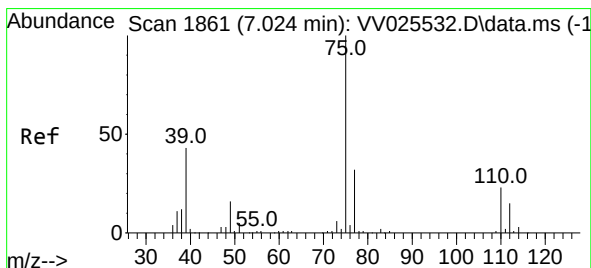
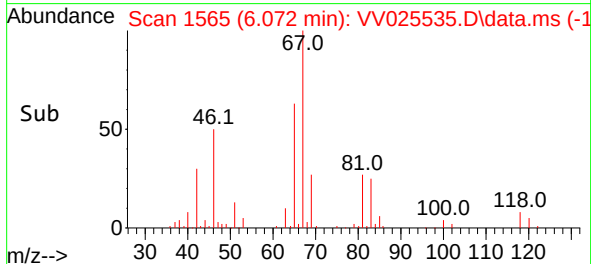
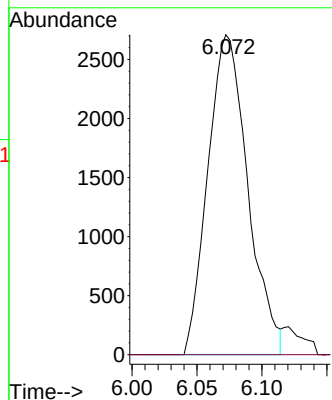
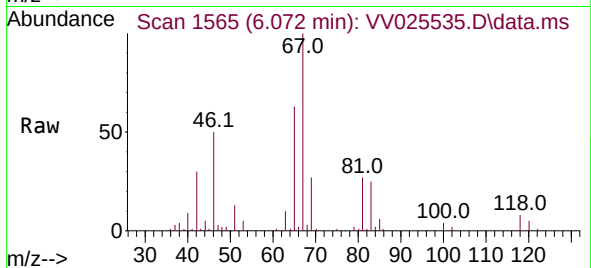
GBDT1

Tgt Ion: 63 Resp: 5804

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.123 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025535.D

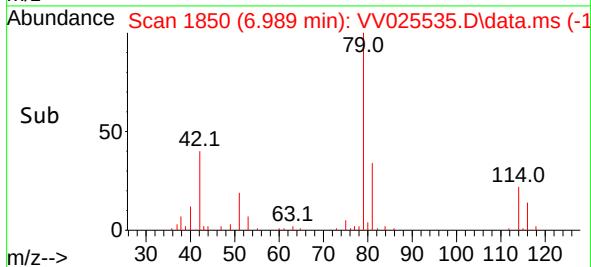
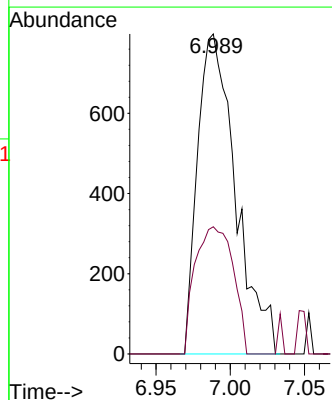
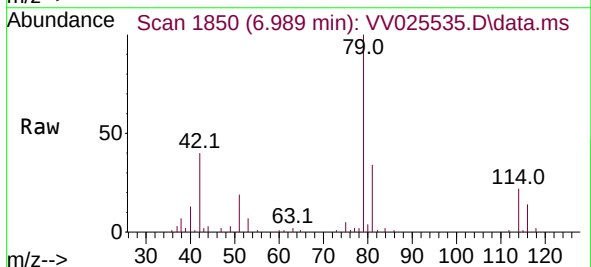
Acq: 14 Apr 2022 10:59

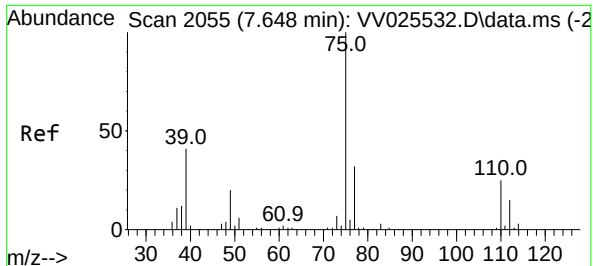
Tgt Ion: 75 Resp: 1425

Ion Ratio Lower Upper

75 100

77 39.7 21.8 40.6

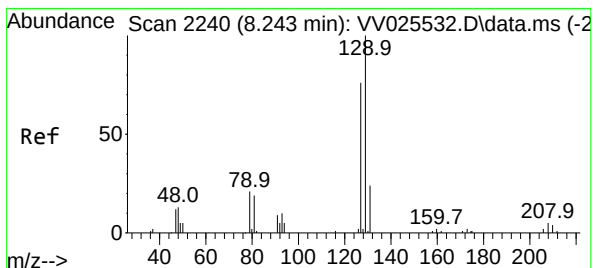
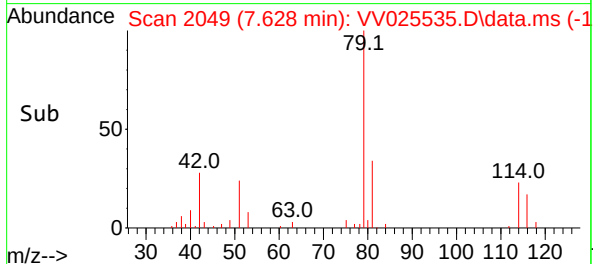
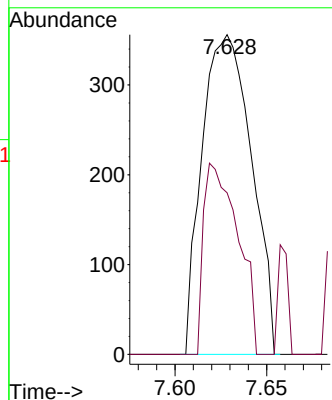
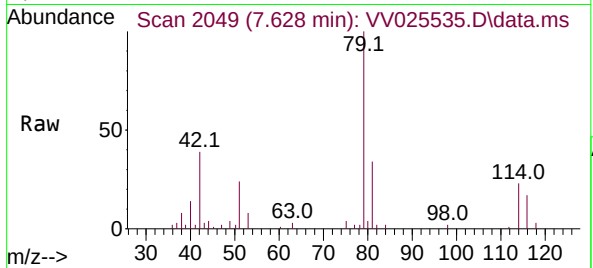




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.628 min Scan# 2055
Delta R.T. -0.019 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

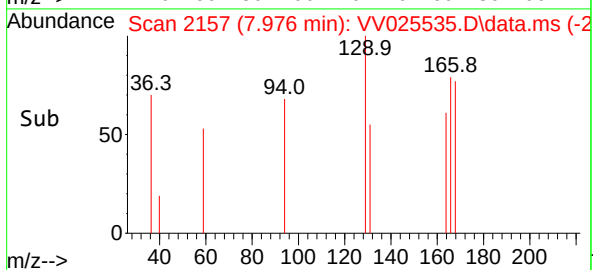
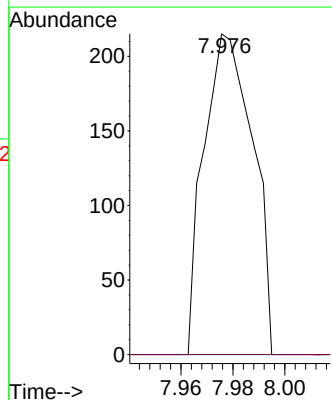
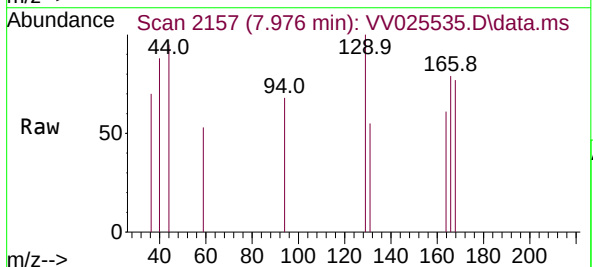
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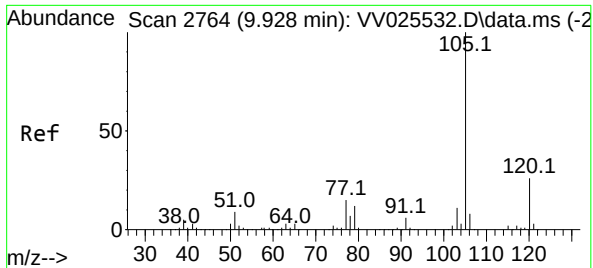
Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
77 50.6 21.7 40.3#



#49
Dibromochloromethane
Concen: 0.043 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Tgt Ion: 129 Resp: 281
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#

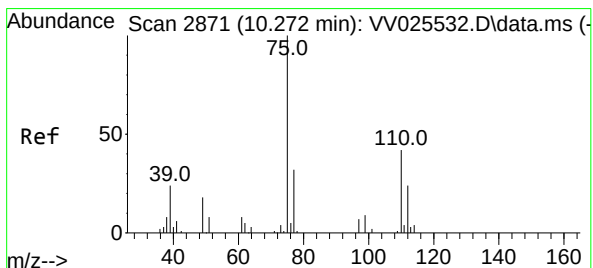
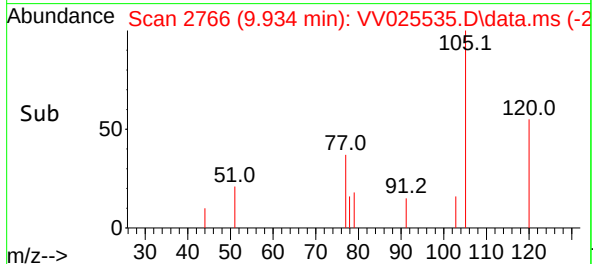
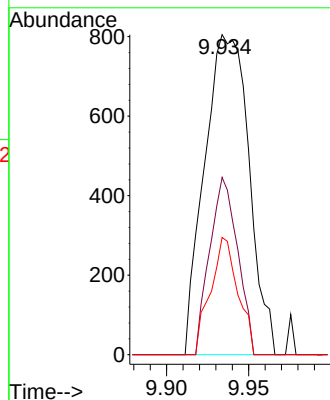
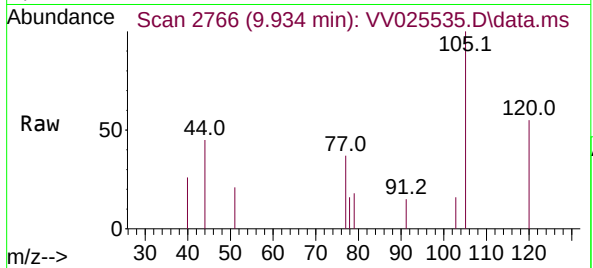




#60
Isopropylbenzene
Concen: 0.042 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

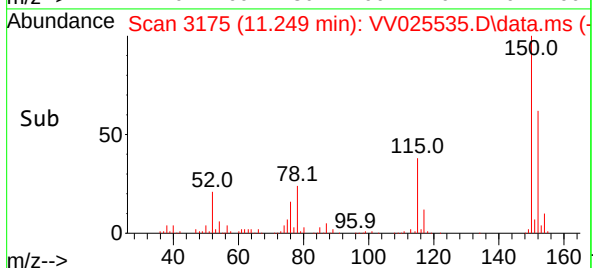
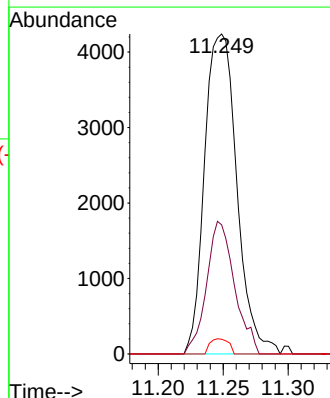
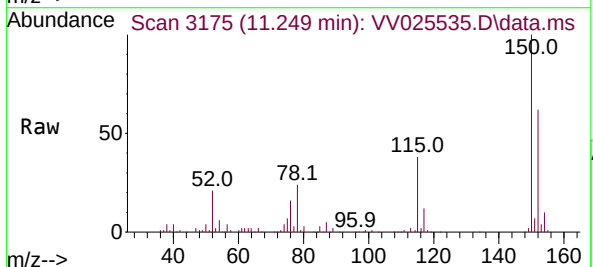
Instrument :
MSVOA_V
ClientSampleId :
GBDT1

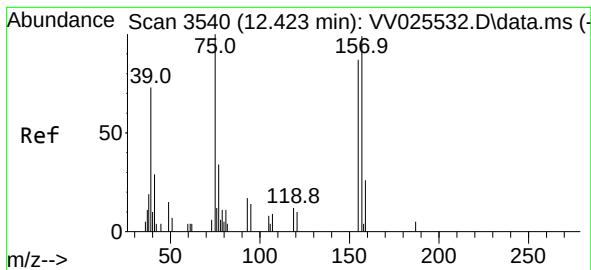
Tgt Ion:105 Resp: 1515
Ion Ratio Lower Upper
105 100
120 34.9 21.2 31.8#
77 22.6 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 1.889 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025535.D
Acq: 14 Apr 2022 10:59

Tgt Ion: 75 Resp: 7330
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4
110 2.7 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.516 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV025535.D
 Acq: 14 Apr 2022 10:59

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT1

Tgt Ion: 75 Resp: 346
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

