

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025500.D
 Acq On : 13 Apr 2022 18:20
 Operator : SY/MD
 Sample : N2356-17
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT5

Quant Time: Apr 14 03:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 03:09:10 2022
 Response via : Initial Calibration

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

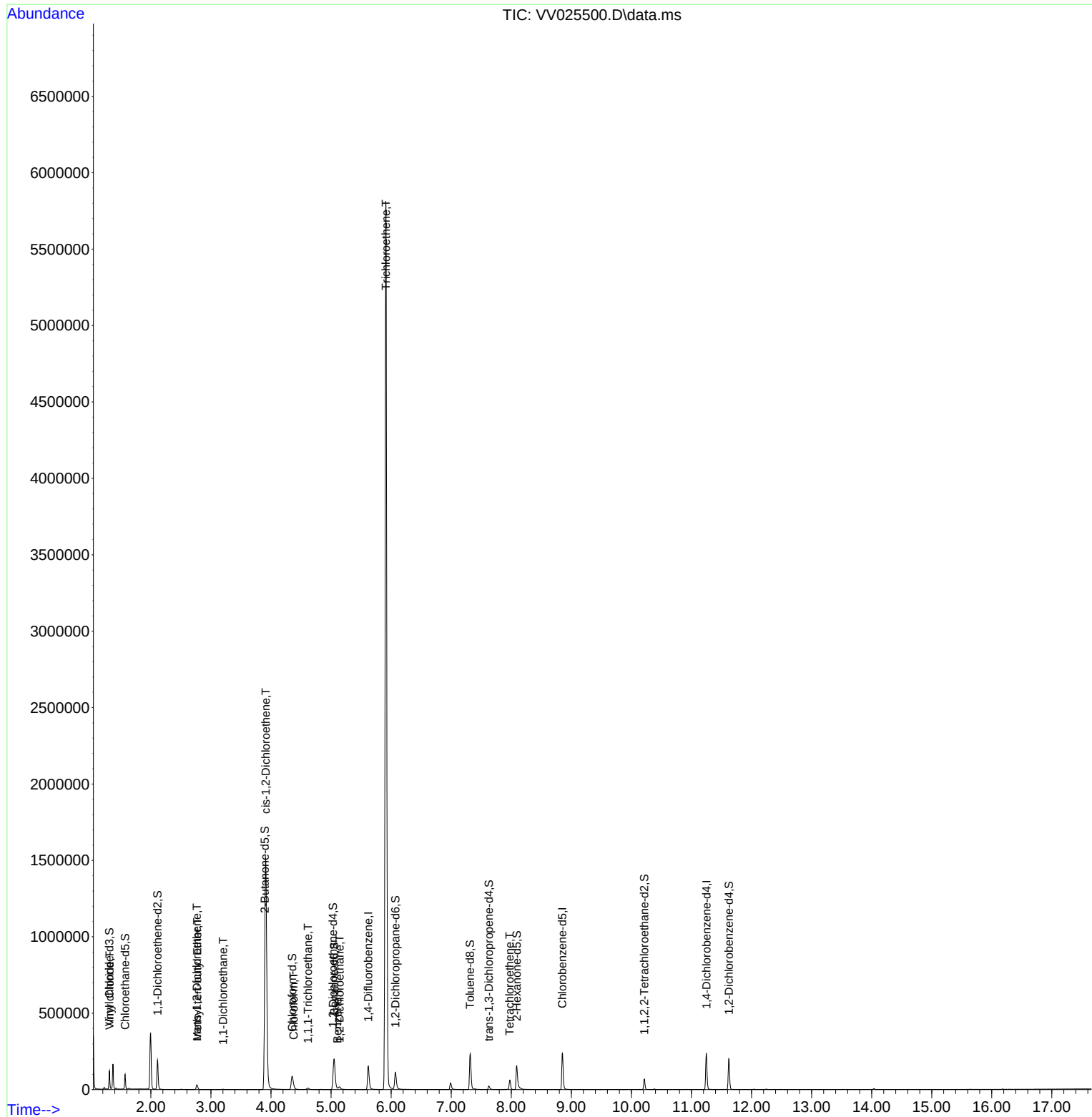
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135499	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	65508	5.200	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	104.000%	
7) Chloroethane-d5	1.571	69	59450	4.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.111	63	100583	3.986	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.800%	
20) 2-Butanone-d5	3.896	46	74343	48.515	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.040%	
24) Chloroform-d	4.352	84	90567	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.034	65	41060	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.053	84	185750	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	6.072	67	53234	4.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.317	98	159324	4.363	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.629	79	14373	3.897	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.092	63	53450	41.288	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	82.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32350	4.666	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49030	4.838	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	6610	0.440	ug/L	86
17) Methyl tert-butyl Ether	2.773	73	3015	0.166	ug/L #	81
18) trans-1,2-Dichloroethene	2.767	96	11563	1.174	ug/L	94
19) 1,1-Dichloroethane	3.201	63	2275	0.136	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	849900	81.975	ug/L	96
25) Chloroform	4.378	83	7571	0.430	ug/L	97
27) 1,2-Dichloroethane	5.143	62	15193	1.635	ug/L	95
29) 1,1,1-Trichloroethane	4.616	97	7828	0.488	ug/L	95
33) Benzene	5.108	78	5356	0.133	ug/L	100
34) Trichloroethene	5.912	95	1946848	182.515	ug/L	97
47) Tetrachloroethene	7.976	164	13923	1.667	ug/L	96

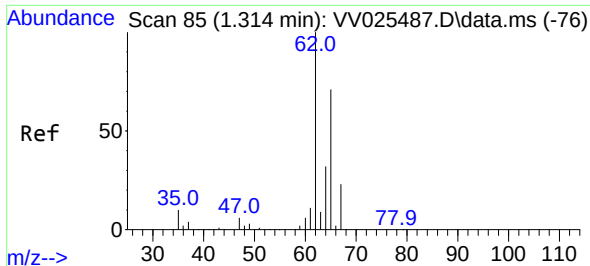
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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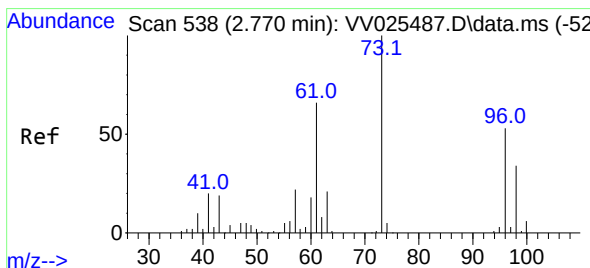
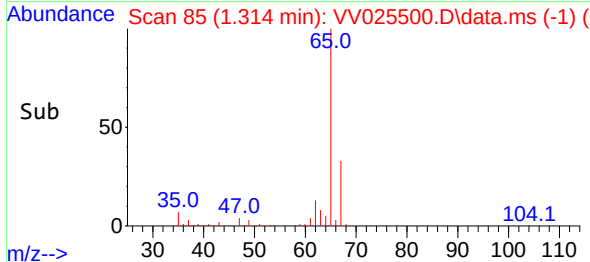
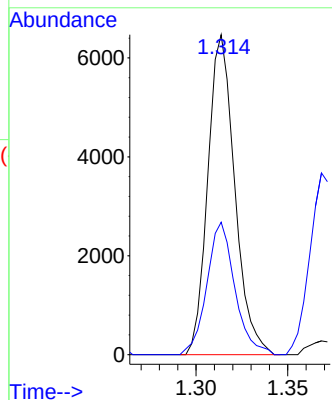
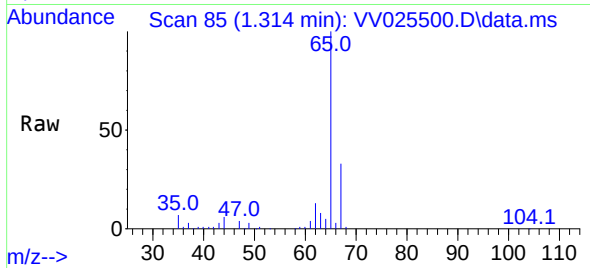




#5
 Vinyl chloride
 Concen: 0.440 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025500.D
 Acq: 13 Apr 2022 18:20

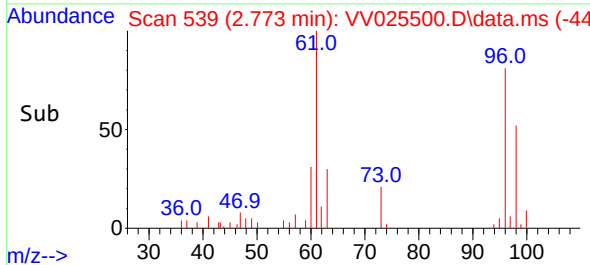
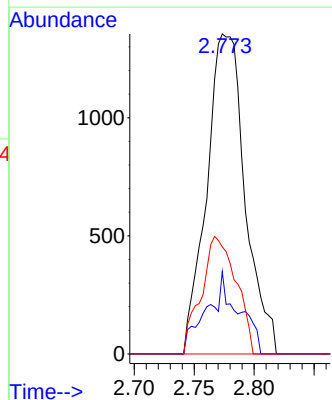
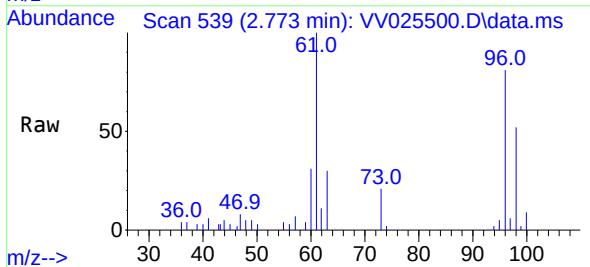
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT5

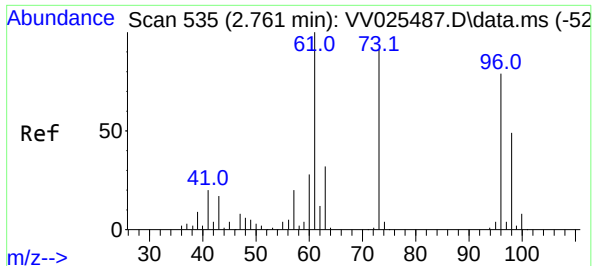
Tgt Ion: 62 Resp: 6610
 Ion Ratio Lower Upper
 62 100
 64 41.4 23.2 43.2



#17
 Methyl tert-butyl Ether
 Concen: 0.166 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV025500.D
 Acq: 13 Apr 2022 18:20

Tgt Ion: 73 Resp: 3015
 Ion Ratio Lower Upper
 73 100
 43 21.1 14.2 21.4
 57 33.3 16.1 24.1#

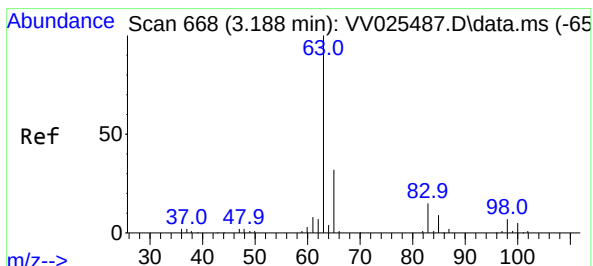
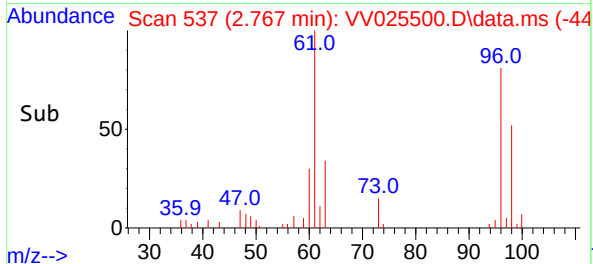
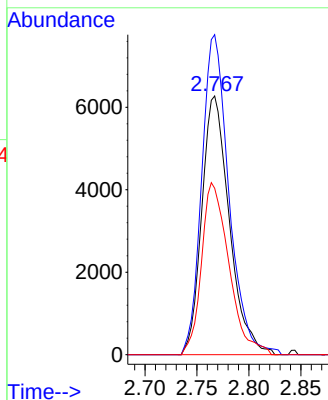
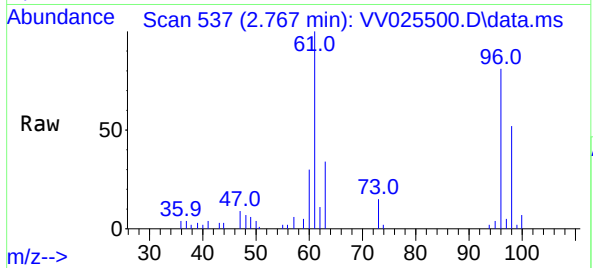




#18
trans-1,2-Dichloroethene
Concen: 1.174 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV025500.D
Acq: 13 Apr 2022 18:20

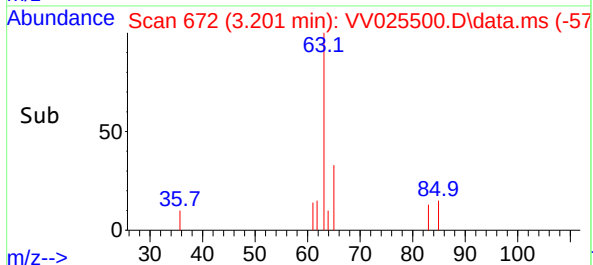
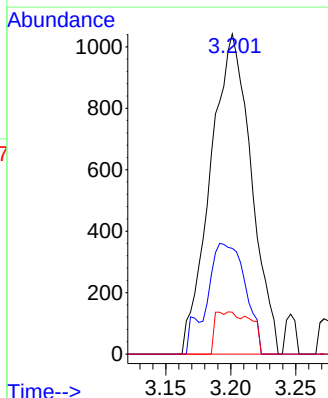
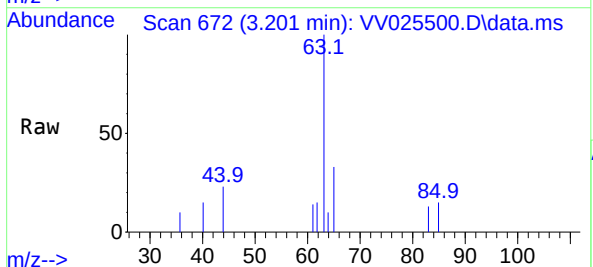
Instrument :
MSVOA_V
ClientSampleId :
GBDT5

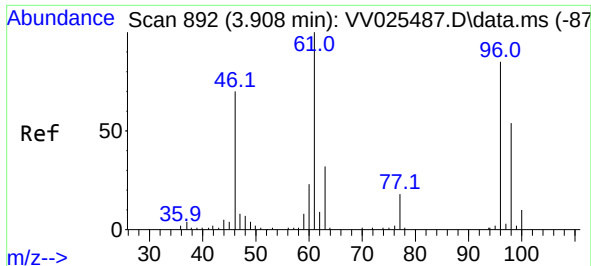
Tgt Ion: 96 Resp: 11563
Ion Ratio Lower Upper
96 100
61 123.7 92.1 171.1
98 64.3 47.5 88.1



#19
1,1-Dichloroethane
Concen: 0.136 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.013 min
Lab File: VV025500.D
Acq: 13 Apr 2022 18:20

Tgt Ion: 63 Resp: 2275
Ion Ratio Lower Upper
63 100
65 33.0 23.2 43.0
83 13.1 9.0 16.8

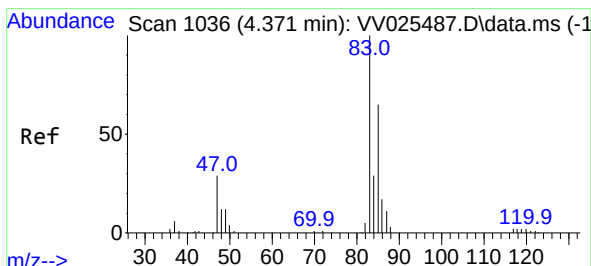
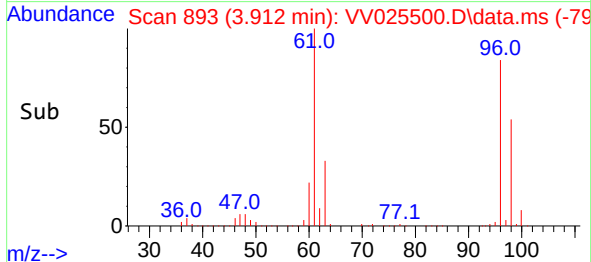
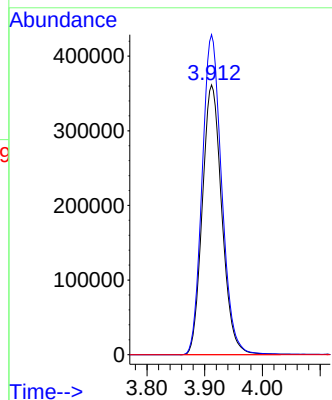
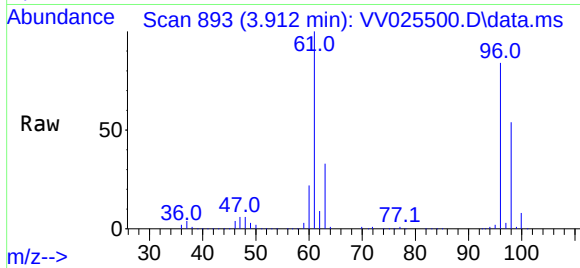




#22
 cis-1,2-Dichloroethene
 Concen: 81.975 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025500.D
 Acq: 13 Apr 2022 18:20

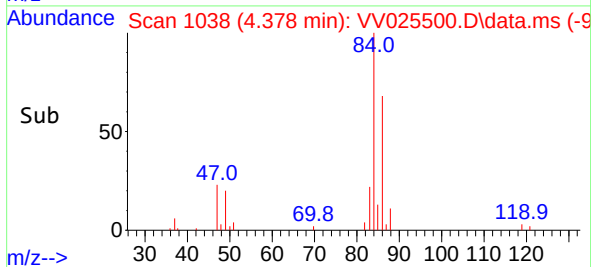
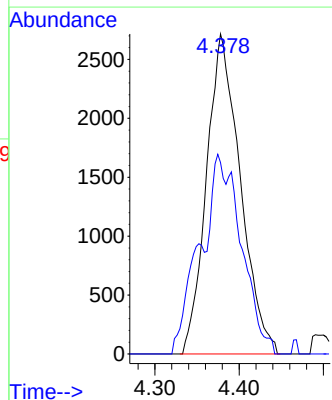
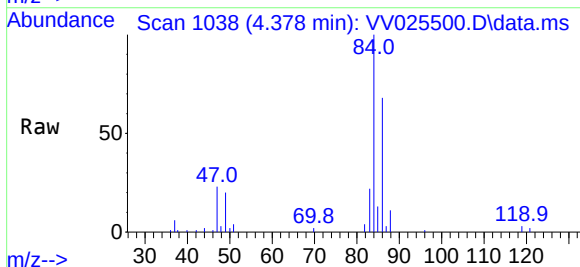
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT5

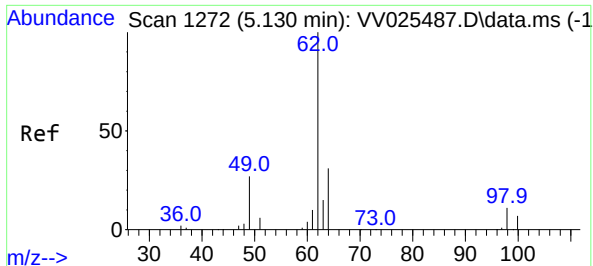
Tgt Ion: 96 Resp: 849900
 Ion Ratio Lower Upper
 96 100
 61 118.6 80.0 148.6
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.430 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.007 min
 Lab File: VV025500.D
 Acq: 13 Apr 2022 18:20

Tgt Ion: 83 Resp: 7571
 Ion Ratio Lower Upper
 83 100
 85 59.8 43.5 80.7





#27

1,2-Dichloroethane

Concen: 1.635 ug/L

RT: 5.143 min Scan# 1112

Delta R.T. 0.013 min

Lab File: VV025500.D

Acq: 13 Apr 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

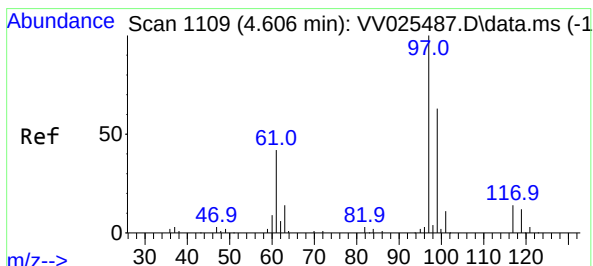
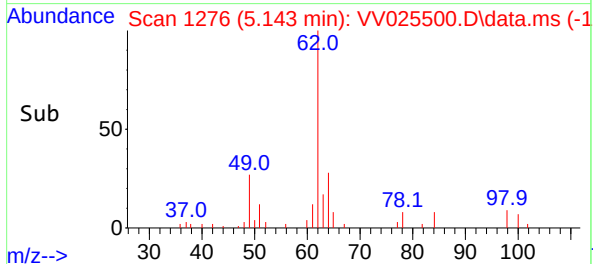
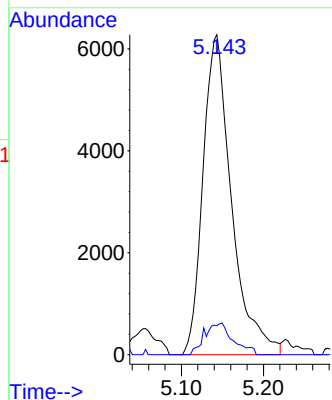
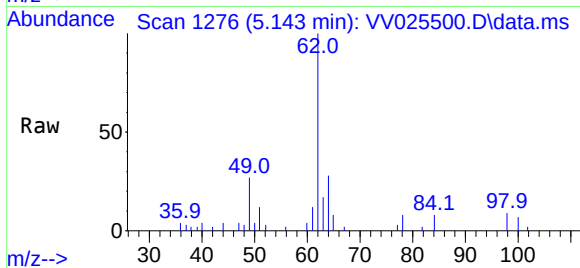
GBDT5

Tgt Ion: 62 Resp: 15193

Ion Ratio Lower Upper

62 100

98 9.1 8.8 13.2



#29

1,1,1-Trichloroethane

Concen: 0.488 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV025500.D

Acq: 13 Apr 2022 18:20

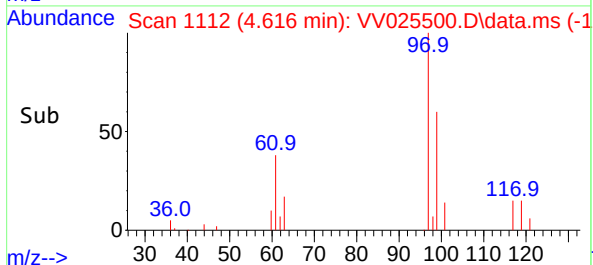
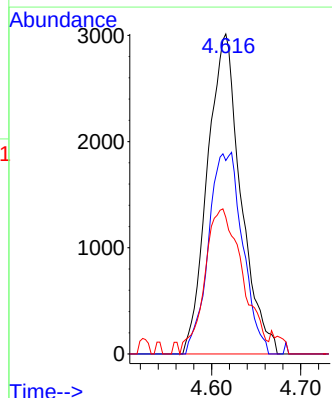
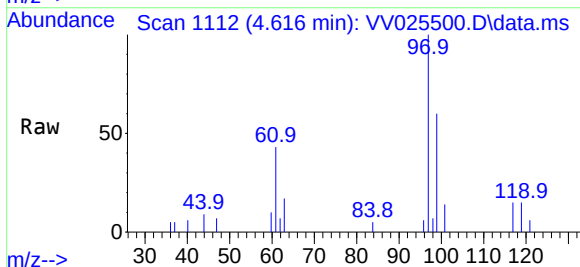
Tgt Ion: 97 Resp: 7828

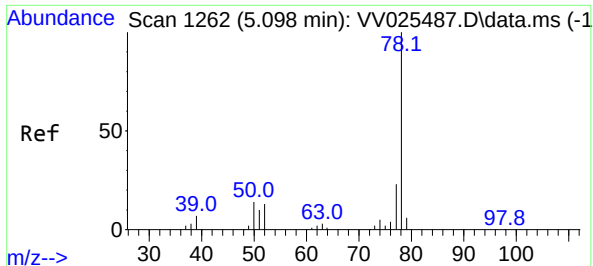
Ion Ratio Lower Upper

97 100

99 64.5 51.5 77.3

61 51.4 34.3 51.5

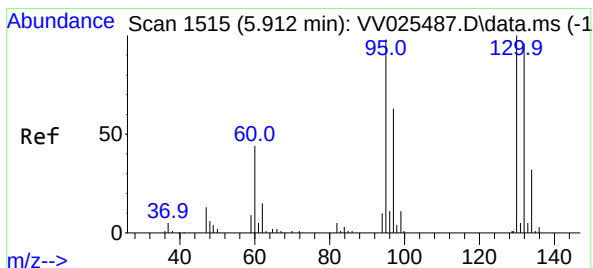
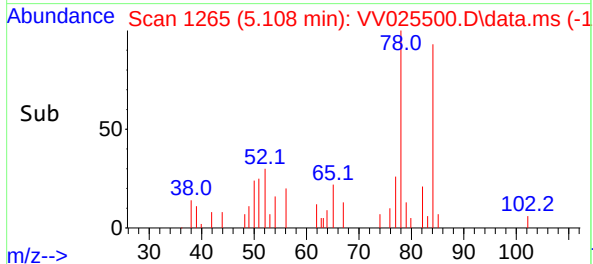
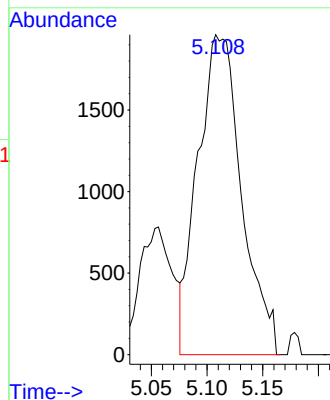
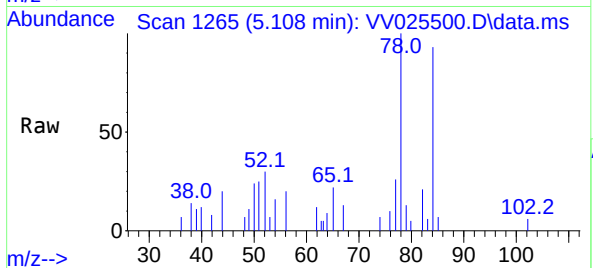




#33
Benzene
Concen: 0.133 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025500.D
Acq: 13 Apr 2022 18:20

Instrument :
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ClientSampleId :
GBDT5

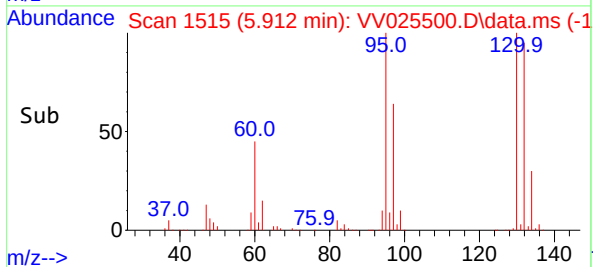
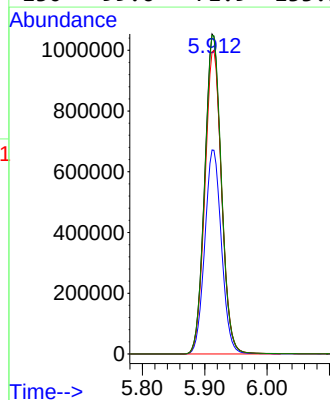
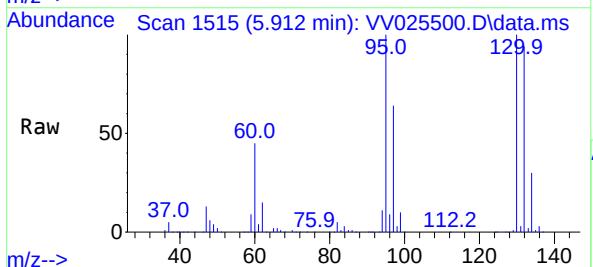
Tgt Ion: 78 Resp: 5356

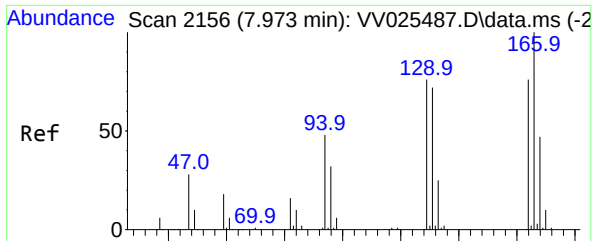


#34
Trichloroethene
Concen: 182.515 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV025500.D
Acq: 13 Apr 2022 18:20

Tgt Ion: 95 Resp: 1946848

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.8	85.2
132	94.4	68.0	126.4
130	99.6	71.9	133.5





#47
 Tetrachloroethene
 Concen: 1.667 ug/L
 RT: 7.976 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV025500.D
 Acq: 13 Apr 2022 18:20

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT5

Tgt Ion:164 Resp: 13923

Ion	Ratio	Lower	Upper
164	100		
129	97.6	66.8	124.2
131	96.0	66.4	123.4
166	123.1	91.7	170.3

