

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025536.D
 Acq On : 14 Apr 2022 11:22
 Operator : SY/MD
 Sample : N2356-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT4

Quant Time: Apr 15 07:21:15 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	123289	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124788	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	63698	5.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.200%
7) Chloroethane-d5	1.574	69	58457	4.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.114	63	97783	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.899	46	77549	55.620	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	4.352	84	94719	5.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.037	65	44582	5.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.400%
32) Benzene-d6	5.053	84	193150	5.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.072	67	55661	5.528	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.317	98	165078	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	16023	4.734	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.088	63	59194	49.833	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34388	5.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52762	5.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.317	62	2425	0.177	ug/L #	49
12) 1,1-Dichloroethene	2.121	96	978	0.091	ug/L #	1
15) Methyl Acetate	2.510	43	798	0.379	ug/L #	43
17) Methyl tert-butyl Ether	2.773	73	2517	0.152	ug/L #	72
18) trans-1,2-Dichloroethene	2.770	96	1696	0.189	ug/L	87
22) cis-1,2-Dichloroethene	3.918	96	82750	8.772	ug/L	96
25) Chloroform	4.391	83	1364	0.085	ug/L	92
27) 1,2-Dichloroethane	5.146	62	11625	1.375	ug/L	97
33) Benzene	5.108	78	14914	0.405	ug/L	100
34) Trichloroethene	5.915	95	108960	11.132	ug/L	98
35) Methylcyclohexane	6.072	83	14013	0.897	ug/L #	22
37) 1,2-Dichloropropane	6.075	63	6200	0.727	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1351	0.121	ug/L	90
47) Tetrachloroethene	7.976	164	603	0.079	ug/L	93
49) Dibromochloromethane	7.985	129	665	0.106	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6925	1.867	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.252	75	325	0.507	ug/L #	2

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 15 07:05:00 2022
Response via : Initial Calibration

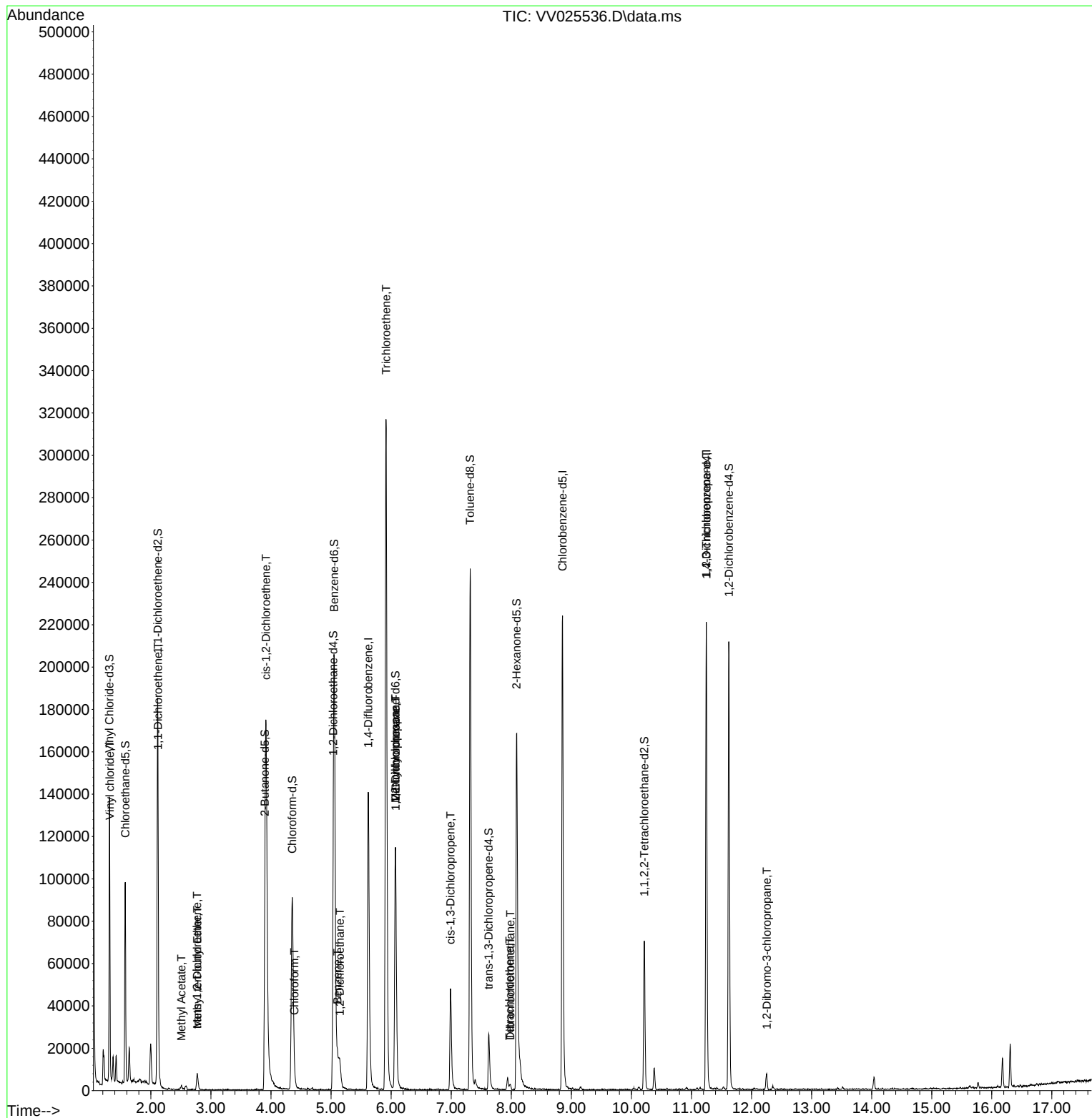
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

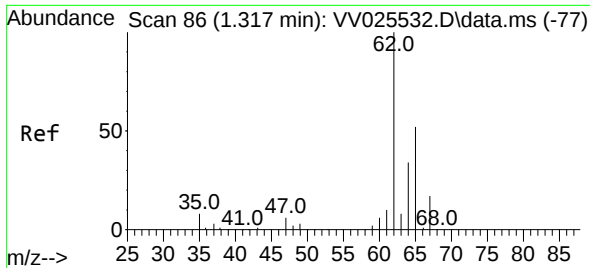
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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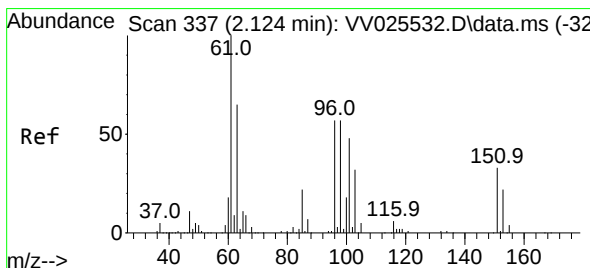
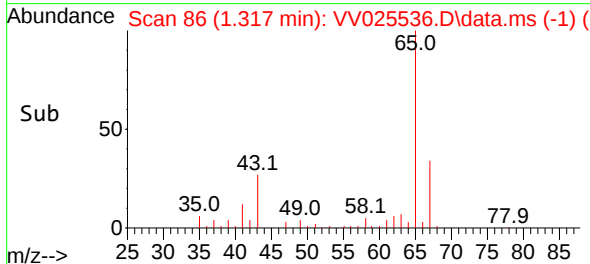
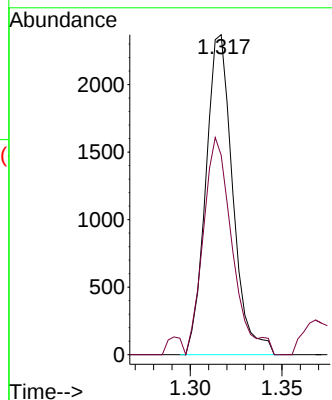
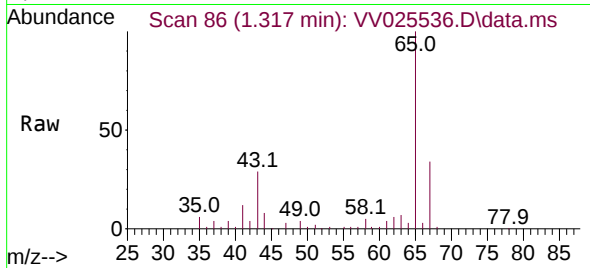




#5
 Vinyl chloride
 Concen: 0.177 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VV025536.D
 Acq: 14 Apr 2022 11:22

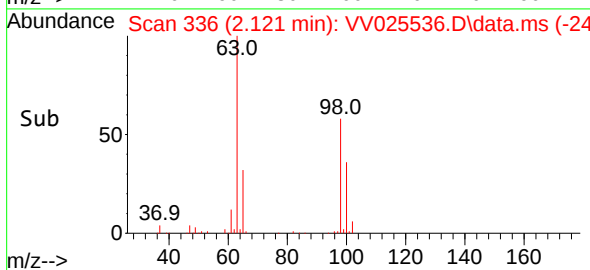
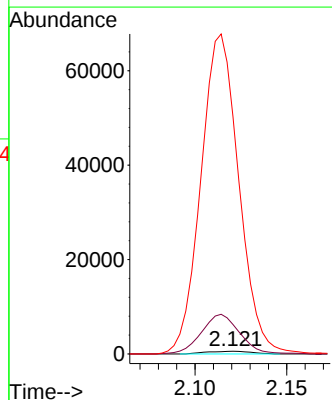
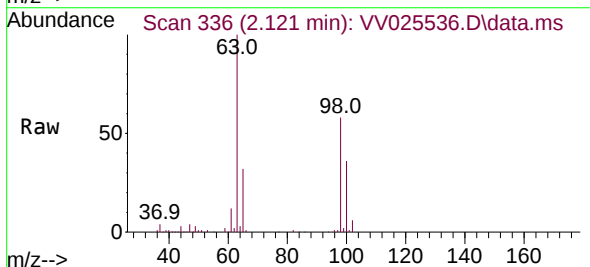
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT4

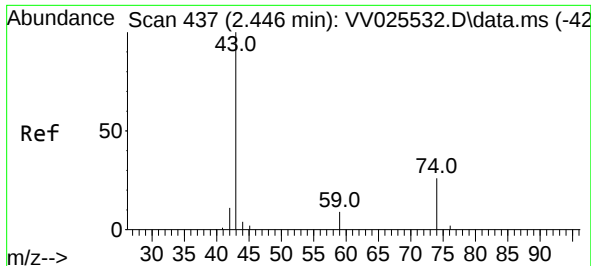
Tgt Ion: 62 Resp: 2425
 Ion Ratio Lower Upper
 62 100
 64 62.3 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.091 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV025536.D
 Acq: 14 Apr 2022 11:22

Tgt Ion: 96 Resp: 978
 Ion Ratio Lower Upper
 96 100
 61 1081.1 125.2 232.4#
 63 8720.8 114.4 212.4#

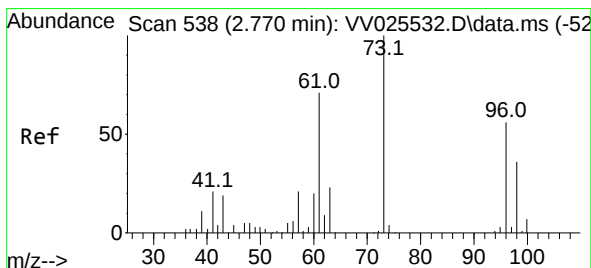
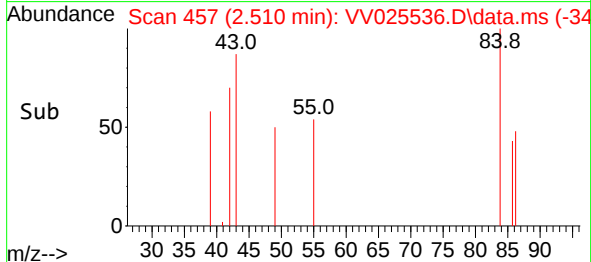
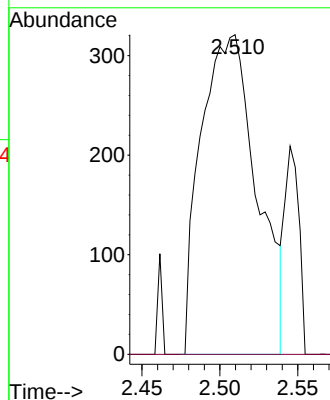
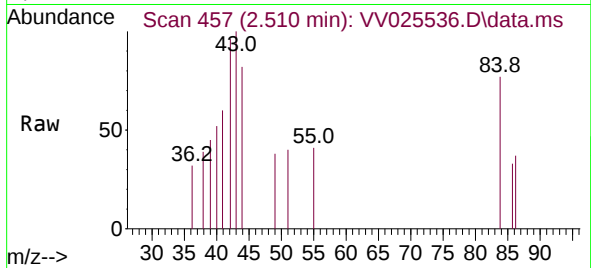




#15
Methyl Acetate
Concen: 0.379 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.064 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

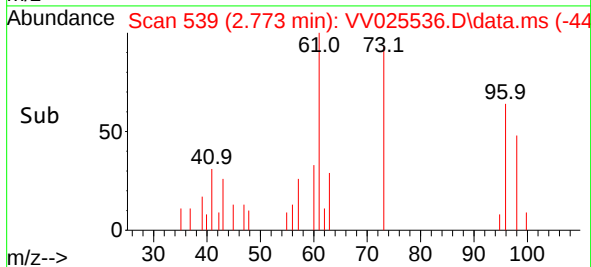
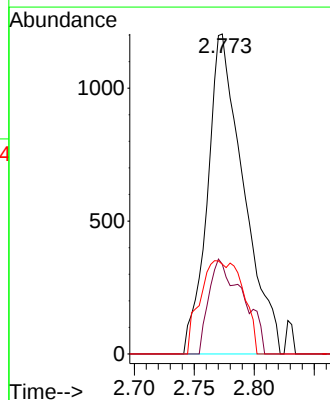
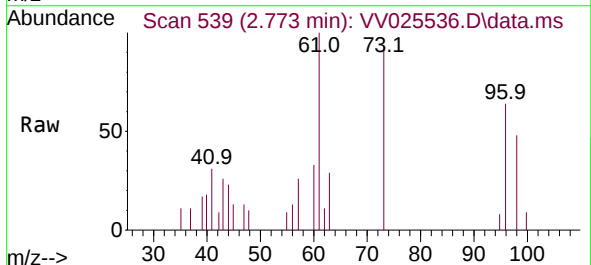
Instrument :
MSVOA_V
ClientSampleId :
GBDT4

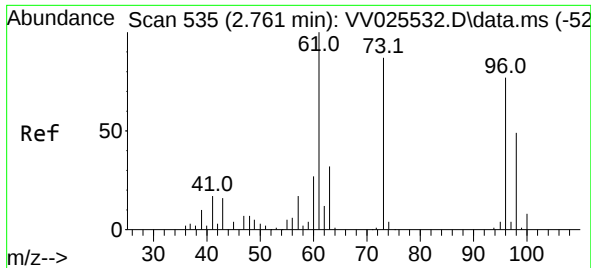
Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

Tgt Ion: 73 Resp: 2517
Ion Ratio Lower Upper
73 100
43 28.0 14.2 21.4#
57 34.5 16.1 24.1#

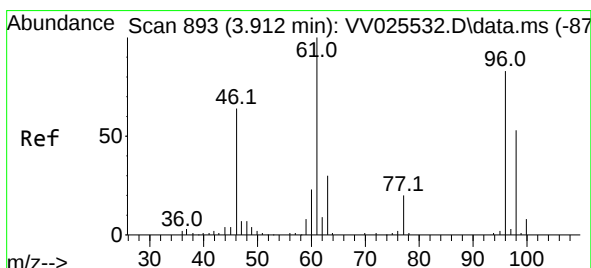
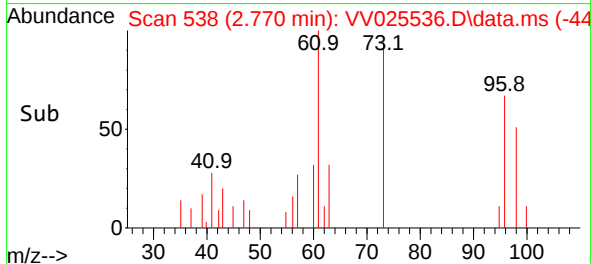
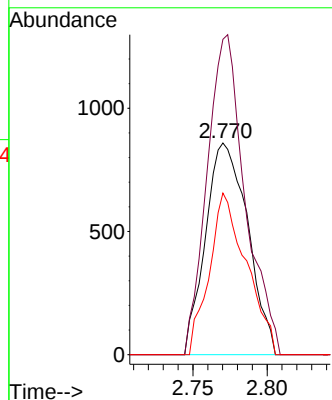
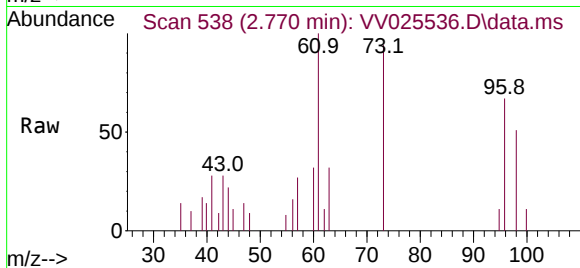




#18
trans-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

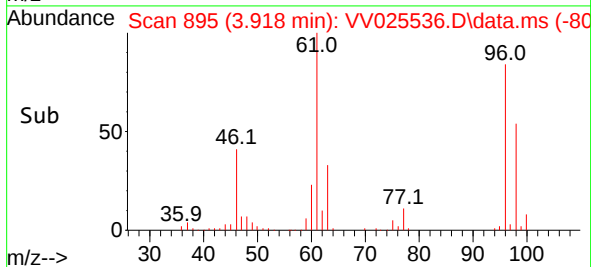
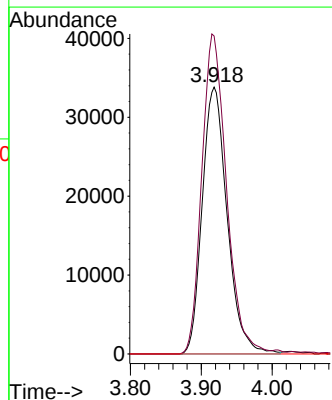
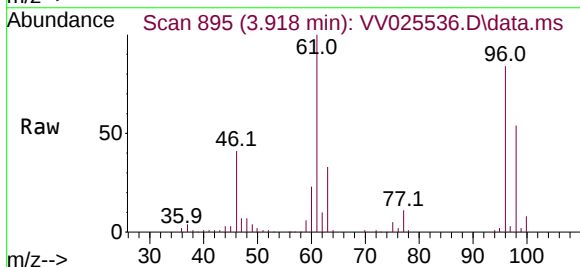
Instrument :
MSVOA_V
ClientSampleId :
GBDT4

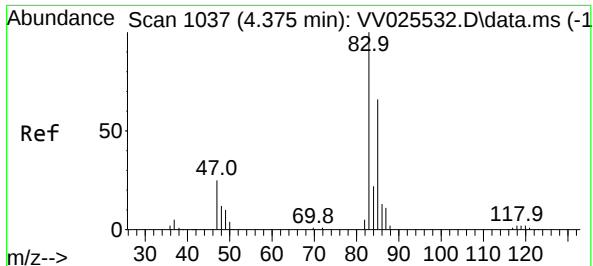
Tgt Ion: 96 Resp: 1696
Ion Ratio Lower Upper
96 100
61 149.0 92.1 171.1
98 76.4 47.5 88.1



#22
cis-1,2-Dichloroethene
Concen: 8.772 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

Tgt Ion: 96 Resp: 82750
Ion Ratio Lower Upper
96 100
61 119.1 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.085 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.016 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

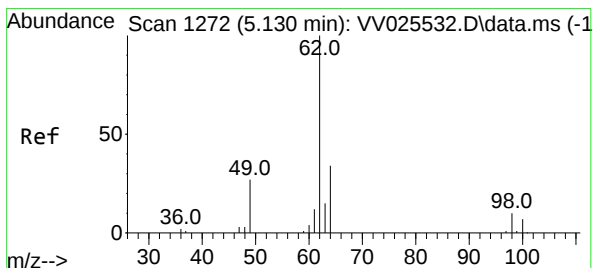
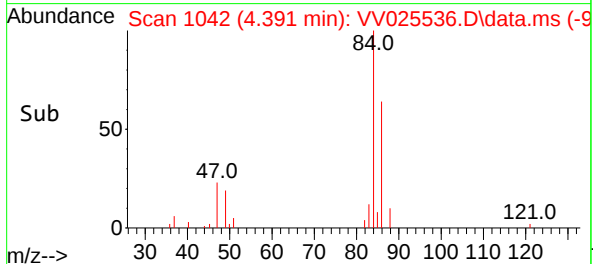
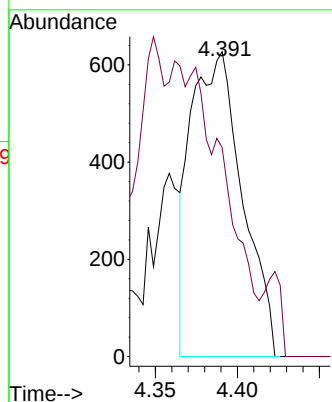
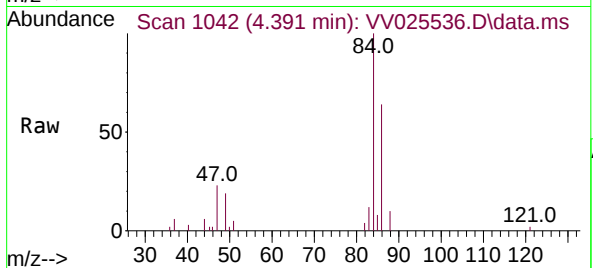
GBDT4

Tgt Ion: 83 Resp: 1364

Ion Ratio Lower Upper

83 100

85 68.6 43.5 80.7



#27

1,2-Dichloroethane

Concen: 1.375 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.016 min

Lab File: VV025536.D

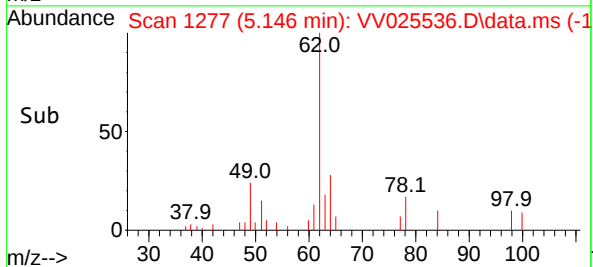
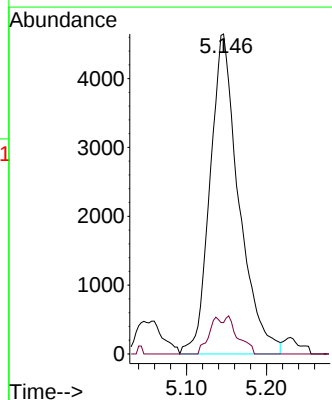
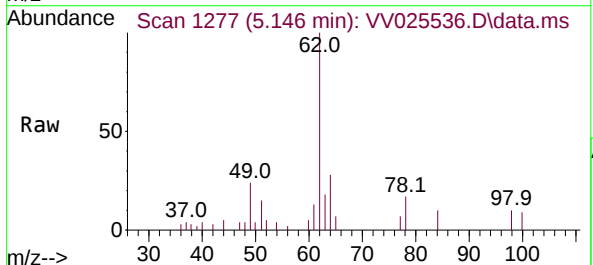
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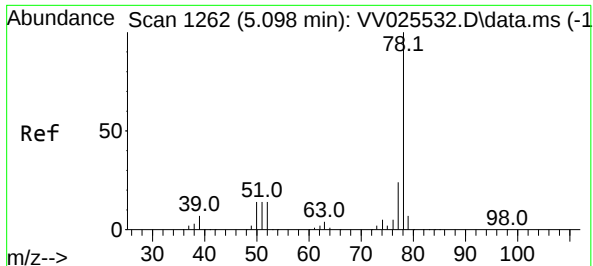
Tgt Ion: 62 Resp: 11625

Ion Ratio Lower Upper

62 100

98 9.8 8.8 13.2

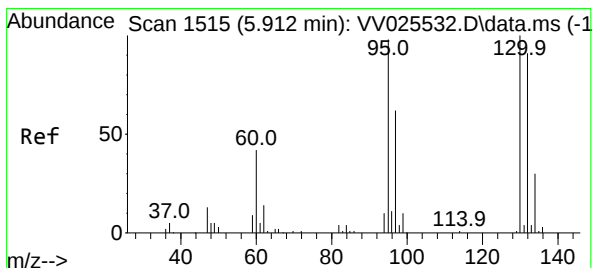
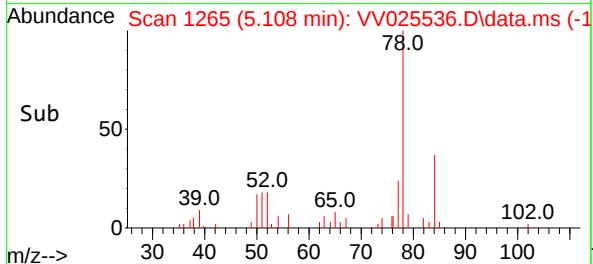
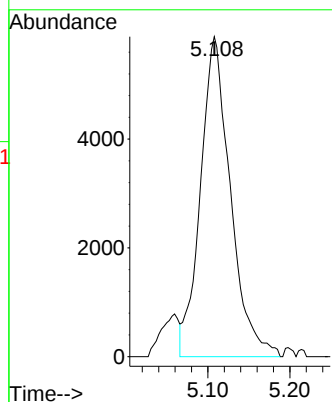
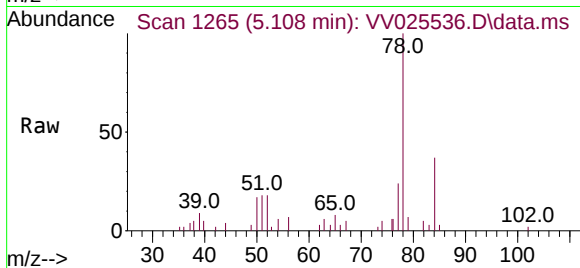




#33
Benzene
Concen: 0.405 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

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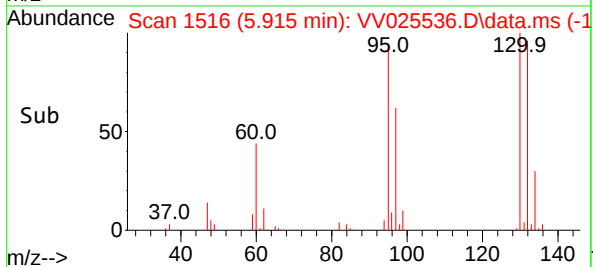
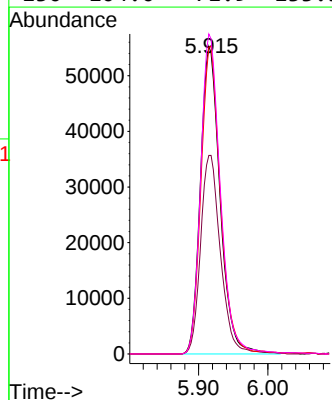
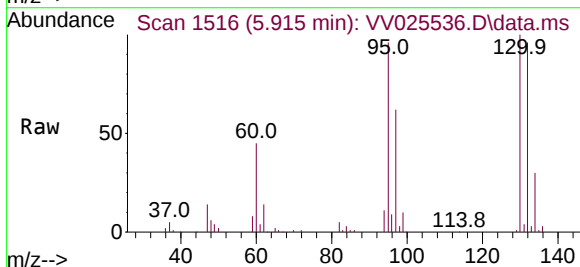
Tgt Ion: 78 Resp: 14914

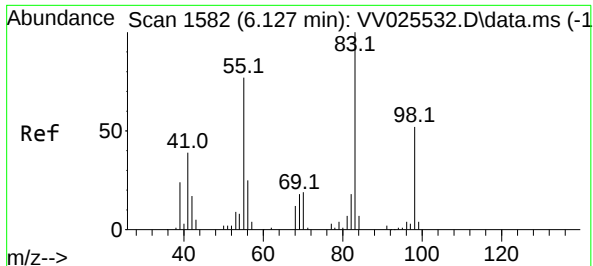


#34
Trichloroethene
Concen: 11.132 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025536.D
Acq: 14 Apr 2022 11:22

Tgt Ion: 95 Resp: 108960

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.8	85.2
132	99.7	68.0	126.4
130	104.0	71.9	133.5





#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

GBDT4

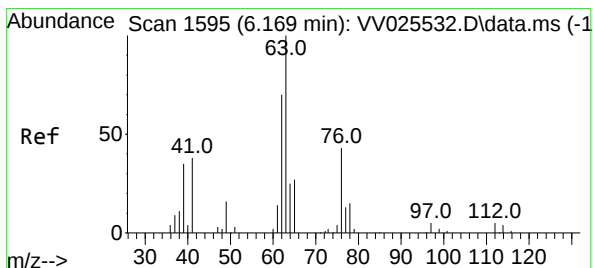
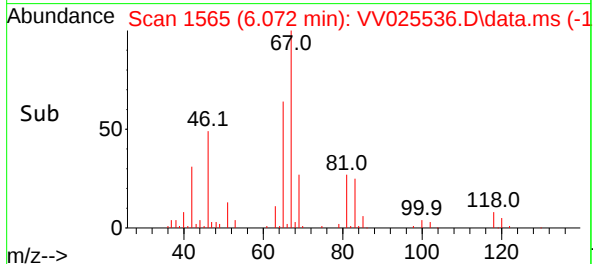
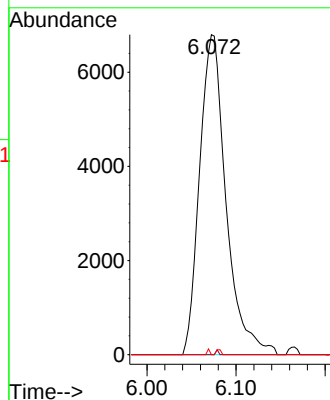
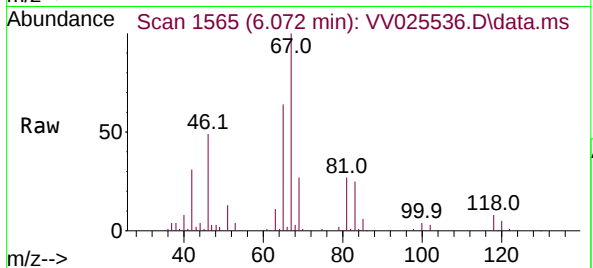
Tgt Ion: 83 Resp: 14013

Ion Ratio Lower Upper

83 100

55 0.1 53.7 80.5#

98 0.9 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.093 min

Lab File: VV025536.D

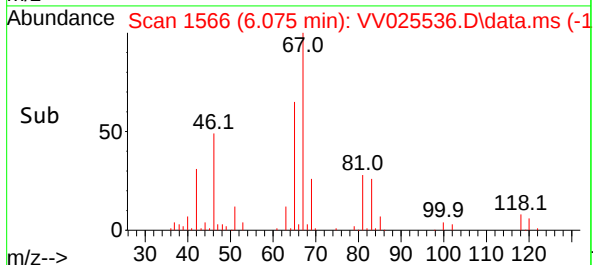
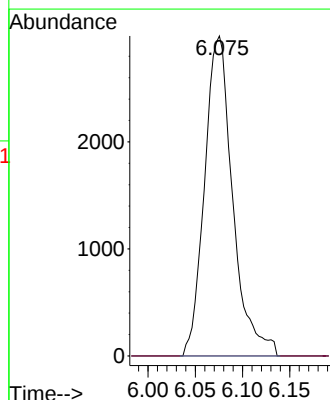
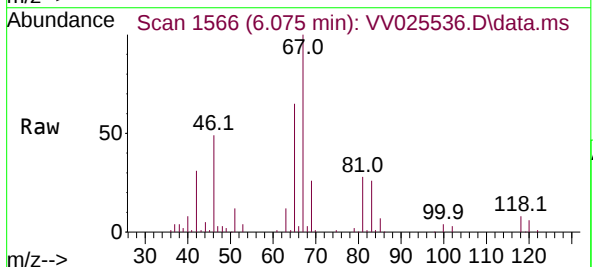
Acq: 14 Apr 2022 11:22

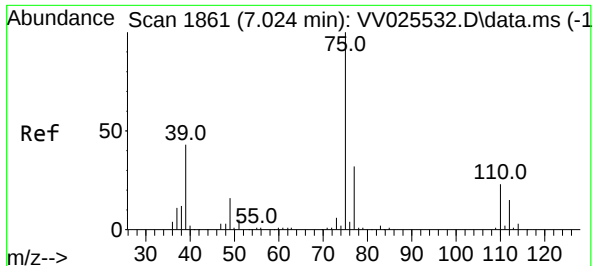
Tgt Ion: 63 Resp: 6200

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

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ClientSampleId :

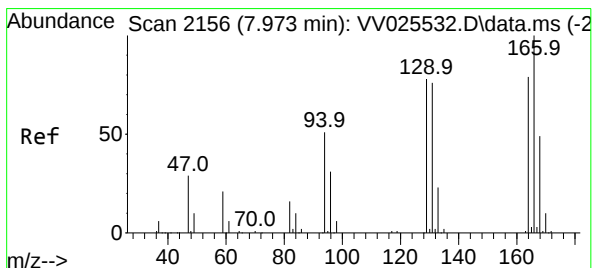
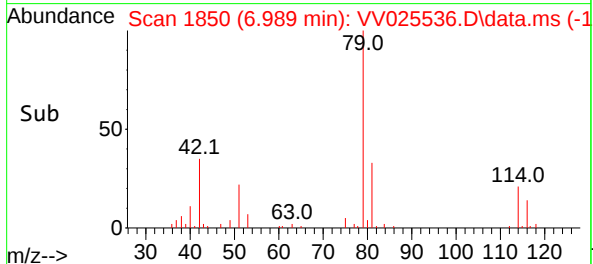
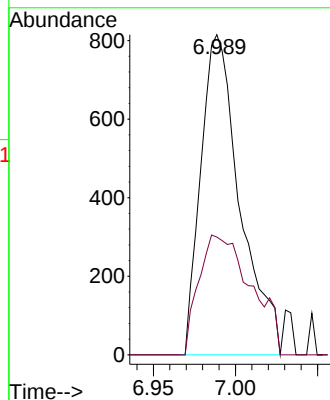
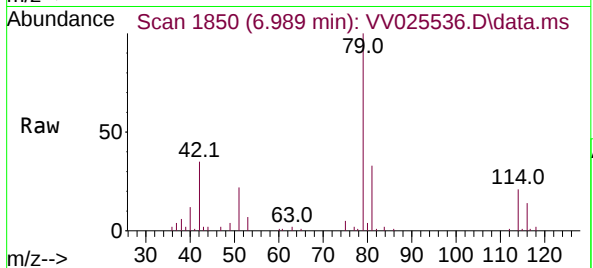
GBDT4

Tgt Ion: 75 Resp: 1351

Ion Ratio Lower Upper

75 100

77 36.8 21.8 40.6



#47

Tetrachloroethene

Concen: 0.079 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

Tgt Ion:164 Resp: 603

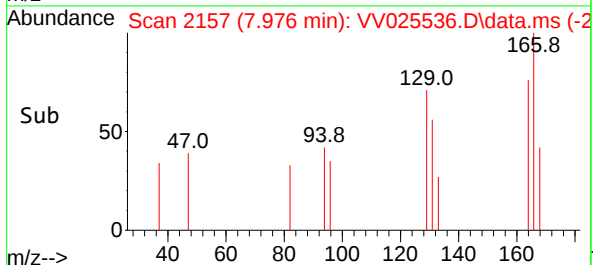
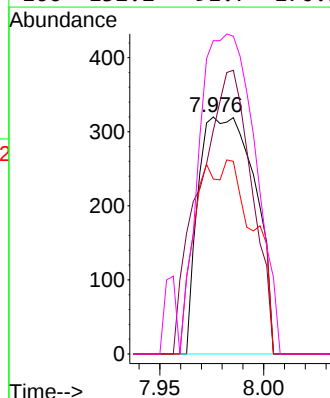
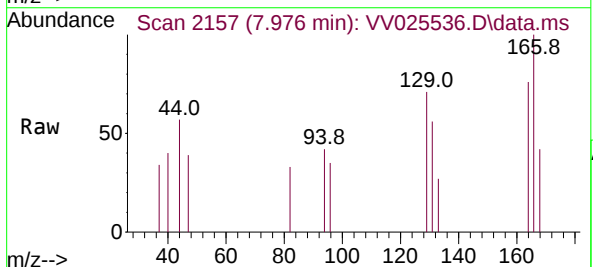
Ion Ratio Lower Upper

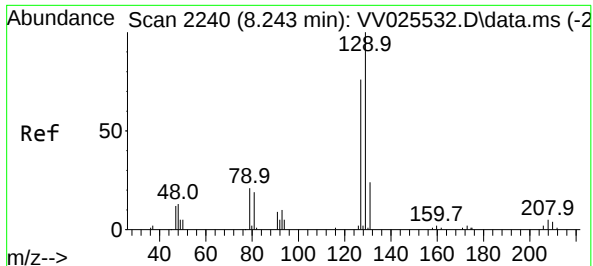
164 100

129 94.4 66.8 124.2

131 73.8 66.4 123.4

166 132.2 91.7 170.3





#49

Dibromochloromethane

Concen: 0.106 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.257 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

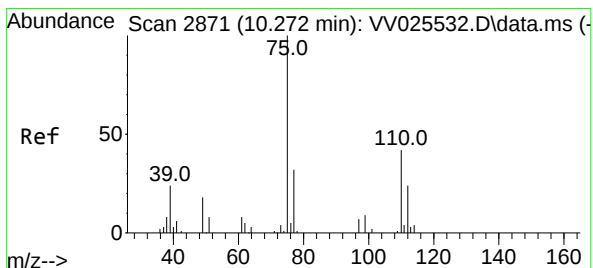
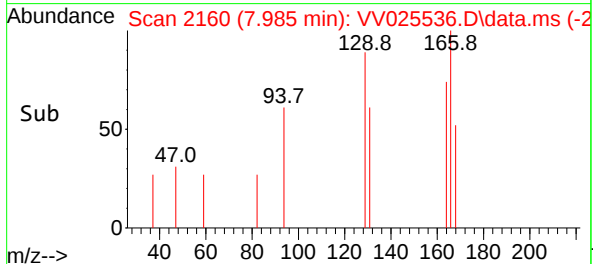
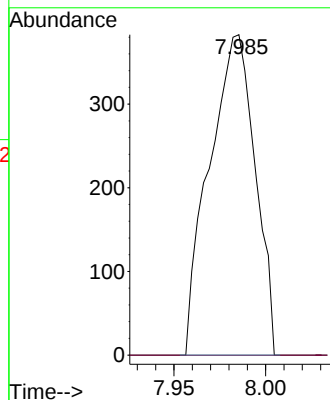
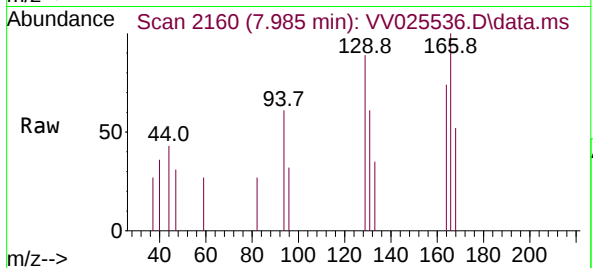
GBDT4

Tgt Ion:129 Resp: 665

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#61

1,2,3-Trichloropropane

Concen: 1.867 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025536.D

Acq: 14 Apr 2022 11:22

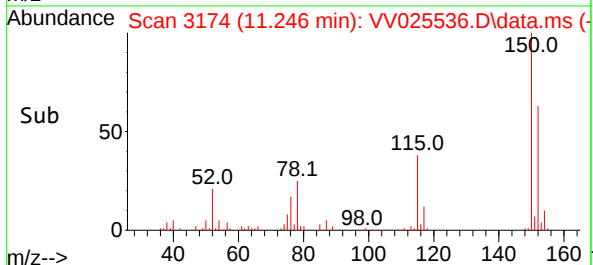
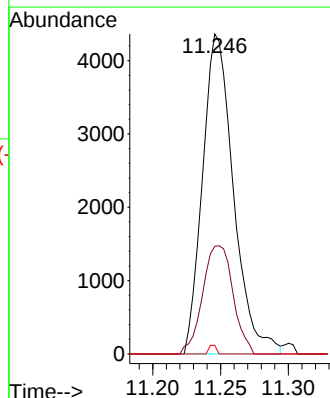
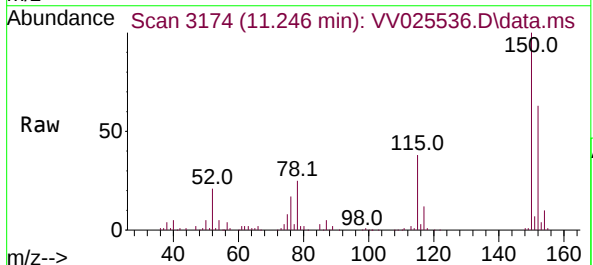
Tgt Ion: 75 Resp: 6925

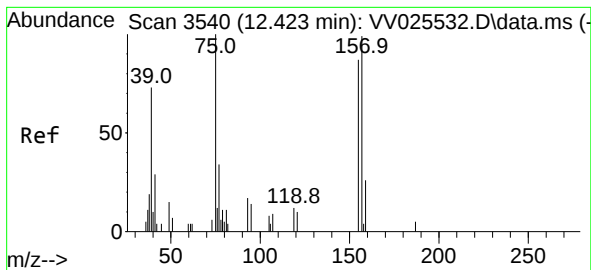
Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4

110 0.6 34.7 52.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.507 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.171 min
 Lab File: VV025536.D
 Acq: 14 Apr 2022 11:22

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT4

Tgt Ion: 75 Resp: 325
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

