

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041322\
 Data File : VW025524.D
 Acq On : 14 Apr 2022 04:28
 Operator : SY/MD
 Sample : N2356-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT9

Quant Time: Apr 14 05:25:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

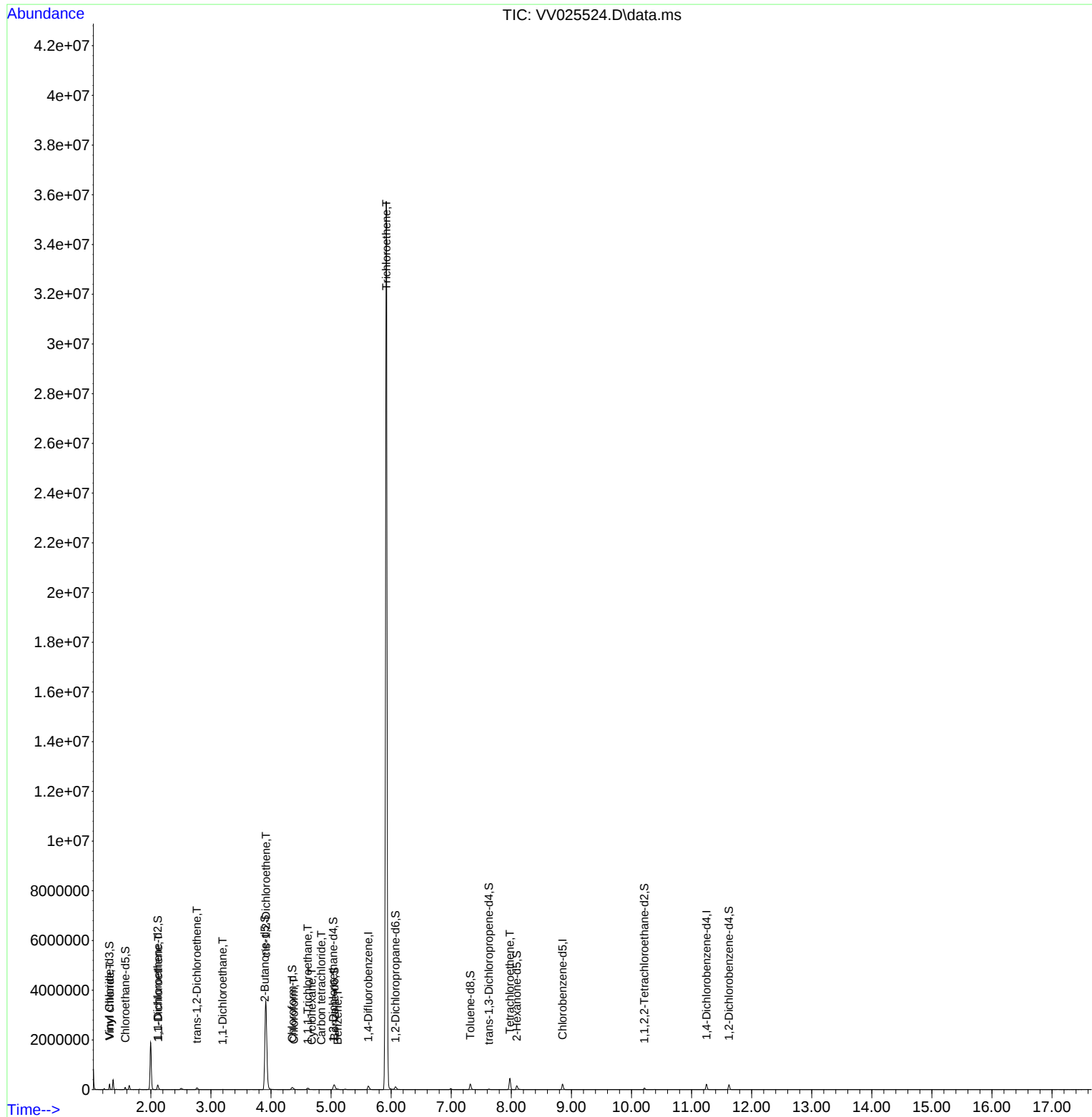
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125951	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	62581	5.344	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	106.800%	
7) Chloroethane-d5	1.574	69	54823	4.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.114	63	96840	4.128	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.600%	
20) 2-Butanone-d5	3.895	46	71902	50.480	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.960%	
24) Chloroform-d	4.355	84	89492	5.058	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.037	65	40504	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
32) Benzene-d6	5.053	84	180335	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.400%	
36) 1,2-Dichloropropane-d6	6.072	67	49998	4.988	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.316	98	153558	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14053	4.171	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.091	63	55501	46.934	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.860%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	31047	4.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49448	5.068	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.400%	
Target Compounds						
5) Vinyl chloride	1.317	62	14862	1.064	ug/L	90
12) 1,1-Dichloroethene	2.124	96	6853	0.627	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	22648	2.474	ug/L	97
19) 1,1-Dichloroethane	3.194	63	9467	0.611	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	1955934	202.957	ug/L	94
25) Chloroform	4.381	83	6059	0.370	ug/L #	62
29) 1,1,1-Trichloroethane	4.612	97	47322	3.230	ug/L	98
30) Cyclohexane	4.677	56	2170	0.163	ug/L	97
31) Carbon tetrachloride	4.837	117	1479	0.119	ug/L	87
33) Benzene	5.111	78	24056	0.656	ug/L	100
34) Trichloroethene	5.918	95	11389943	1168.957	ug/L	94
47) Tetrachloroethene	7.976	164	95720	12.548	ug/L	98

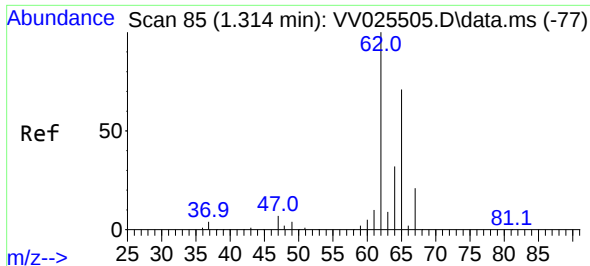
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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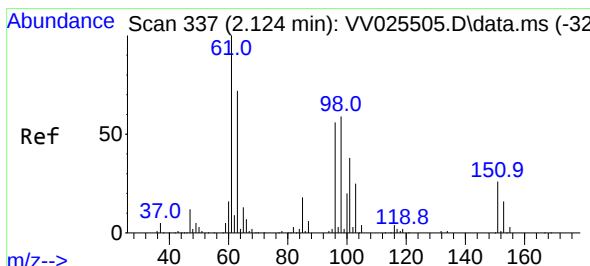
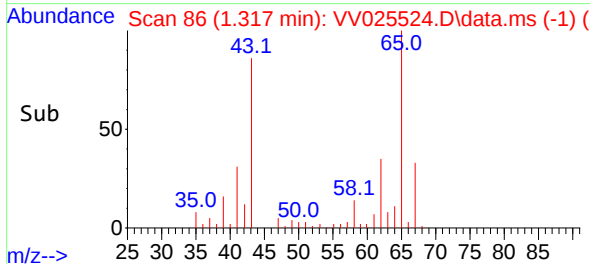
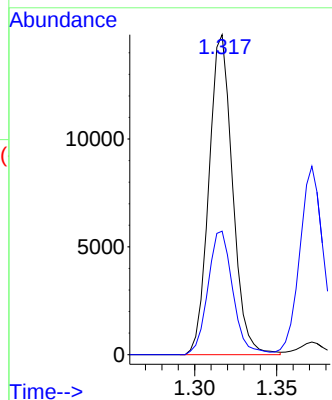
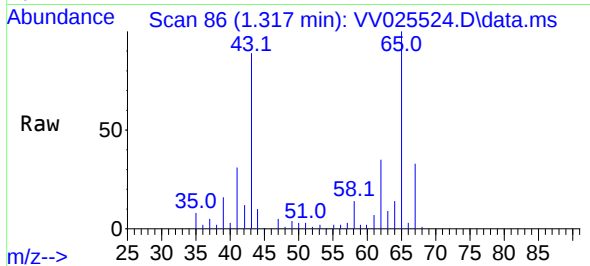




#5
 Vinyl chloride
 Concen: 1.064 ug/L
 RT: 1.317 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV025524.D
 Acq: 14 Apr 2022 04:28

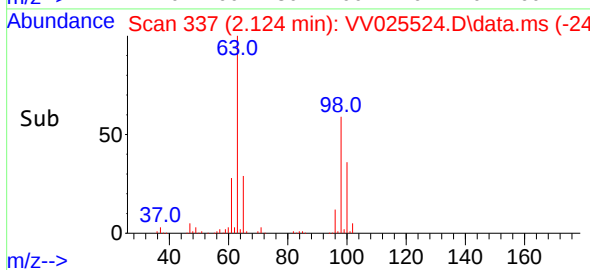
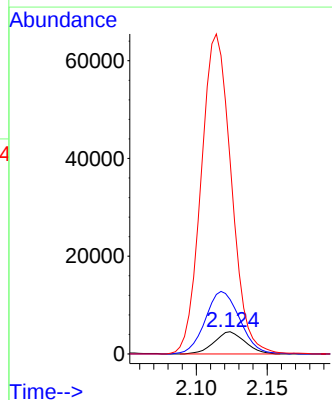
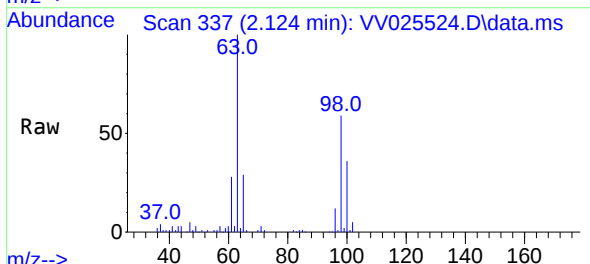
Instrument :
 MSVOA_V
 ClientSampleId :
 GBDT9

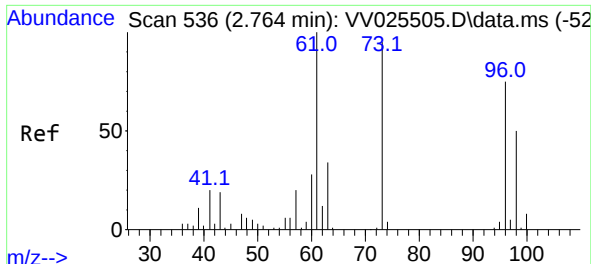
Tgt Ion: 62 Resp: 14862
 Ion Ratio Lower Upper
 62 100
 64 38.6 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 0.627 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.000 min
 Lab File: VV025524.D
 Acq: 14 Apr 2022 04:28

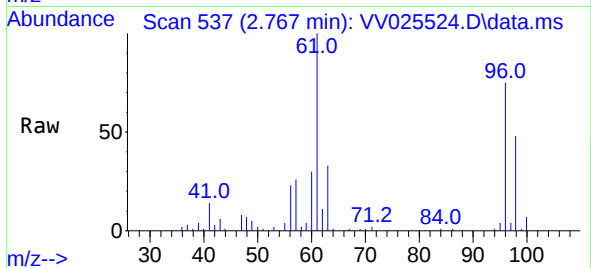
Tgt Ion: 96 Resp: 6853
 Ion Ratio Lower Upper
 96 100
 61 244.2 125.2 232.4#
 63 866.1 114.4 212.4#





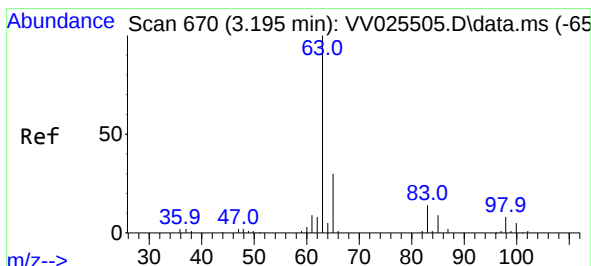
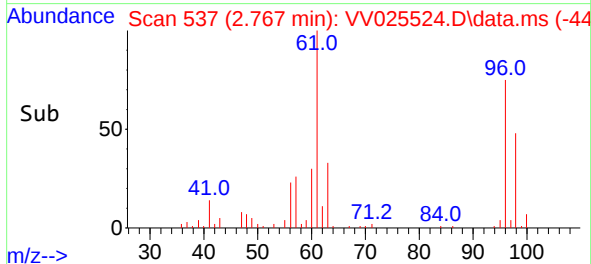
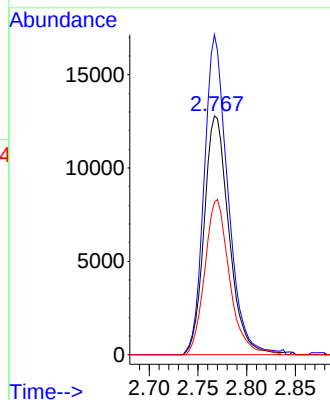
#18
trans-1,2-Dichloroethene
Concen: 2.474 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

Instrument :
MSVOA_V
ClientSampleId :
GBDT9



Tgt Ion: 96 Resp: 22648

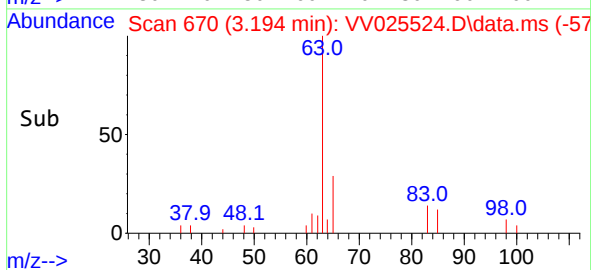
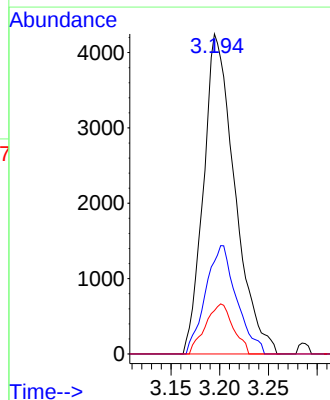
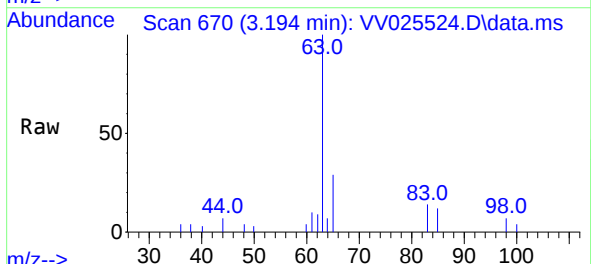
Ion	Ratio	Lower	Upper
96	100		
61	134.1	92.1	171.1
98	64.0	47.5	88.1

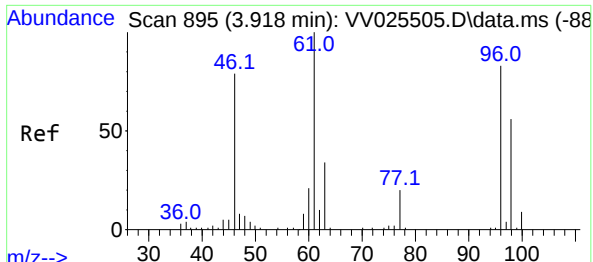


#19
1,1-Dichloroethane
Concen: 0.611 ug/L
RT: 3.194 min Scan# 670
Delta R.T. -0.000 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

Tgt Ion: 63 Resp: 9467

Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.2	43.0
83	13.6	9.0	16.8



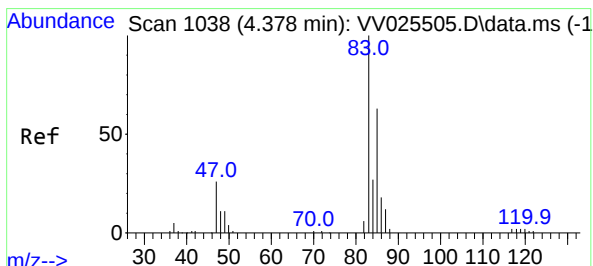
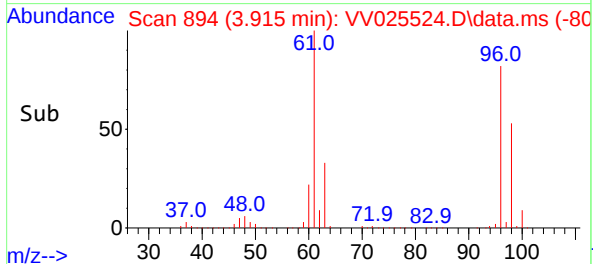
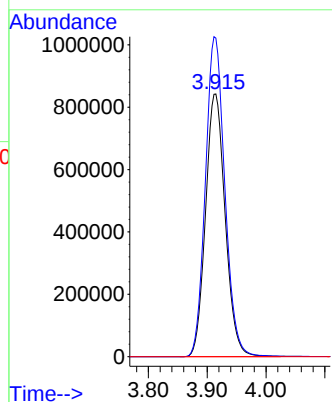
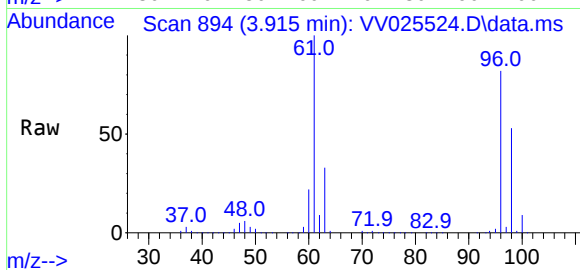


#22
cis-1,2-Dichloroethene
Concen: 202.957 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

Instrument :
MSVOA_V
ClientSampleId :
GBDT9

Tgt Ion: 96 Resp: 1955934

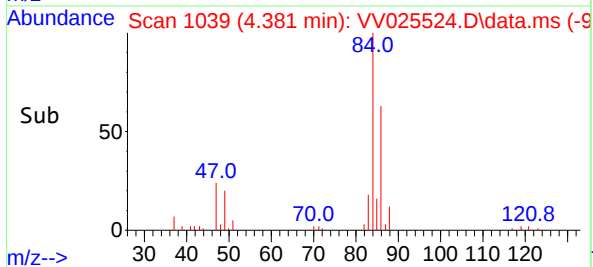
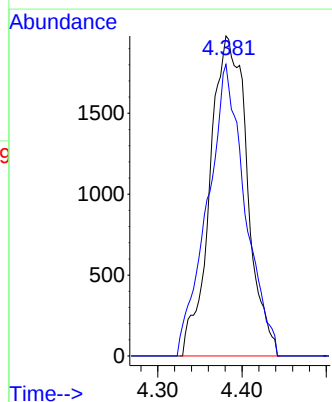
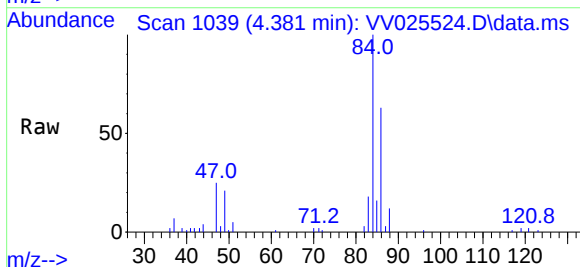
Ion	Ratio	Lower	Upper
96	100		
61	121.2	80.0	148.6
68	0.0	0.0	0.0

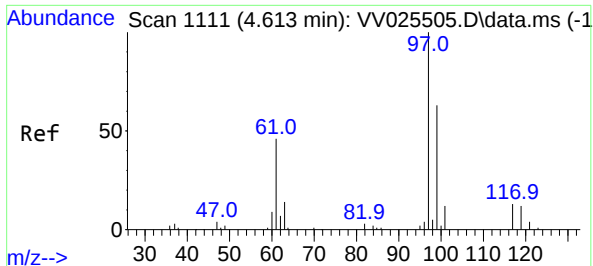


#25
Chloroform
Concen: 0.370 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

Tgt Ion: 83 Resp: 6059

Ion	Ratio	Lower	Upper
83	100		
85	91.1	43.5	80.7#





#29

1,1,1-Trichloroethane

Concen: 3.230 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV025524.D

Acq: 14 Apr 2022 04:28

Instrument :

MSVOA_V

ClientSampleId :

GBDT9

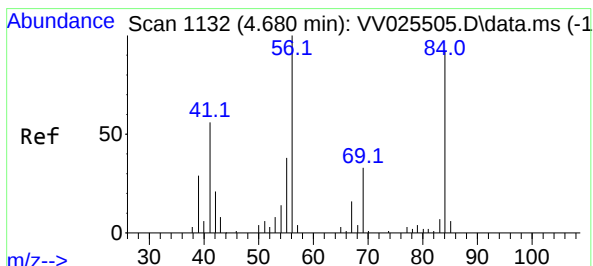
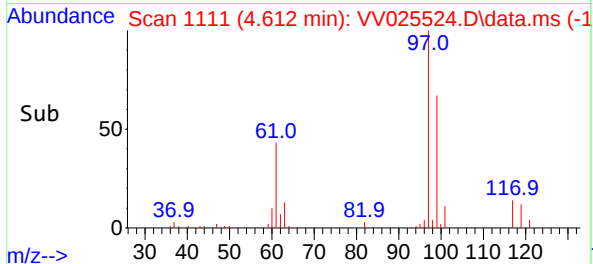
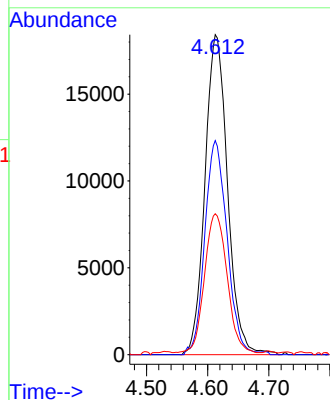
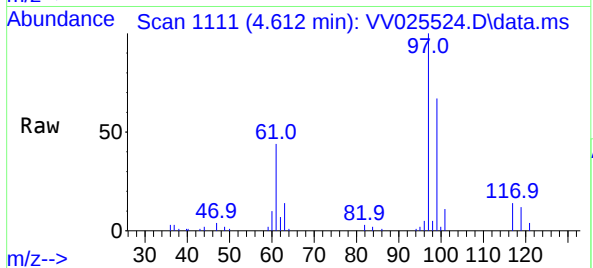
Tgt Ion: 97 Resp: 47322

Ion Ratio Lower Upper

97 100

99 65.9 51.5 77.3

61 43.9 34.3 51.5



#30

Cyclohexane

Concen: 0.163 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV025524.D

Acq: 14 Apr 2022 04:28

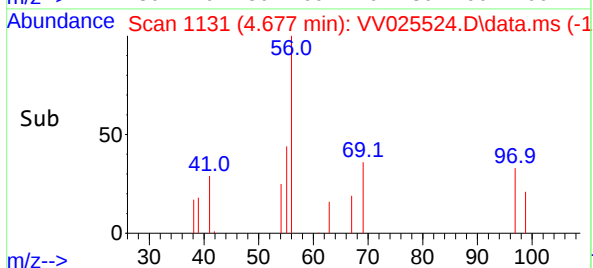
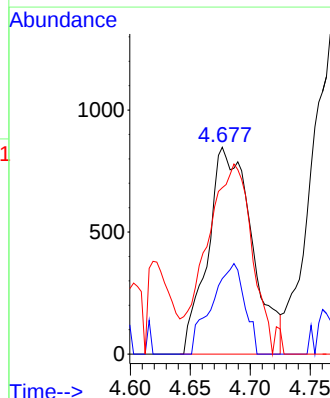
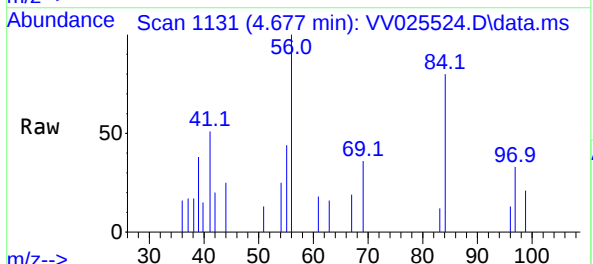
Tgt Ion: 56 Resp: 2170

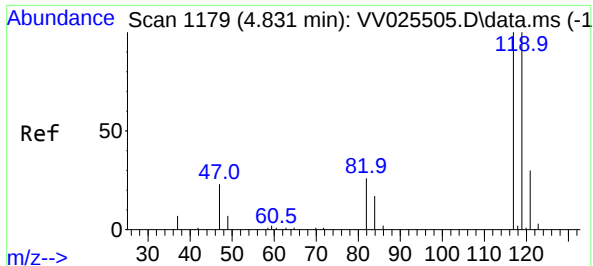
Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 94.0 78.6 118.0

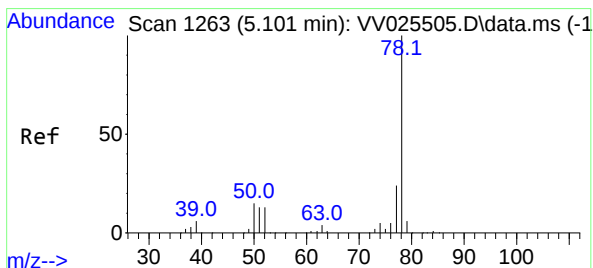
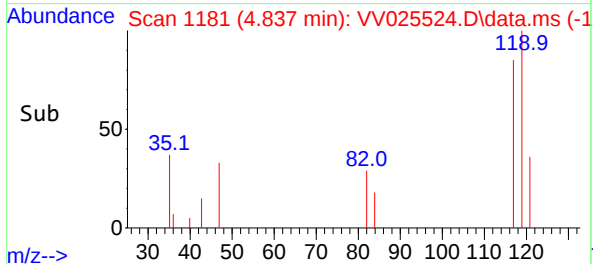
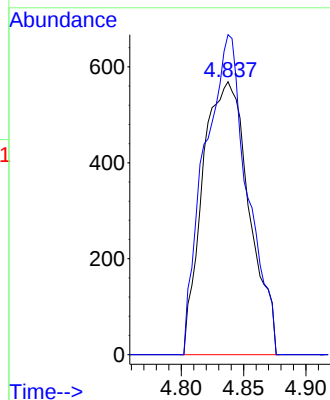
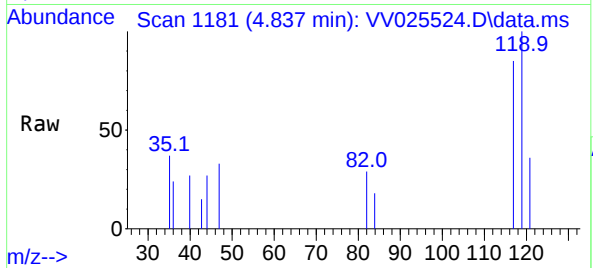




#31
Carbon tetrachloride
Concen: 0.119 ug/L
RT: 4.837 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

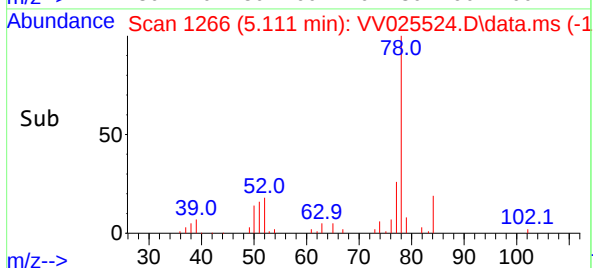
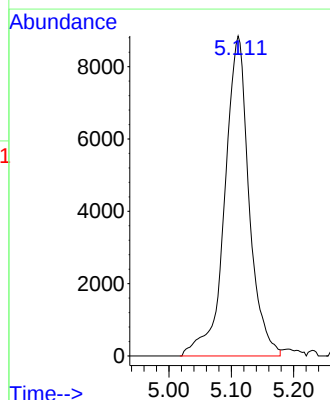
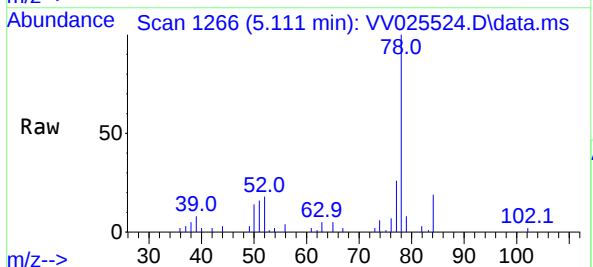
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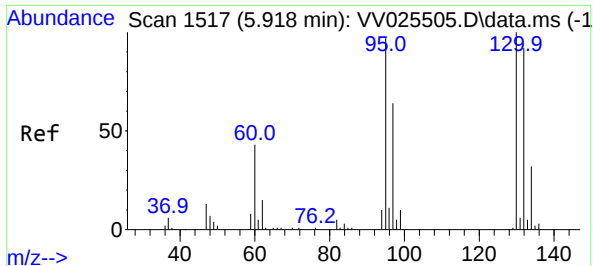
Tgt Ion:117 Resp: 1479
Ion Ratio Lower Upper
117 100
119 107.9 76.6 114.8



#33
Benzene
Concen: 0.656 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.009 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

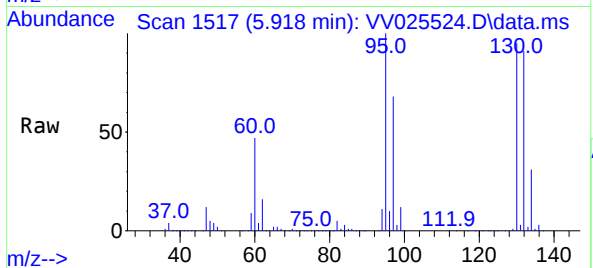
Tgt Ion: 78 Resp: 24056





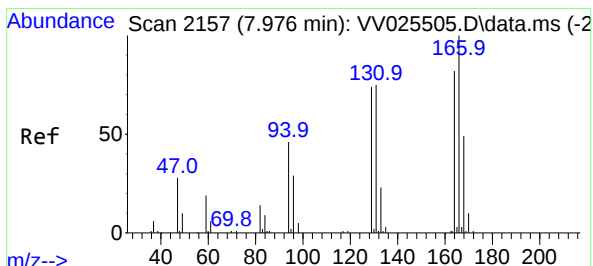
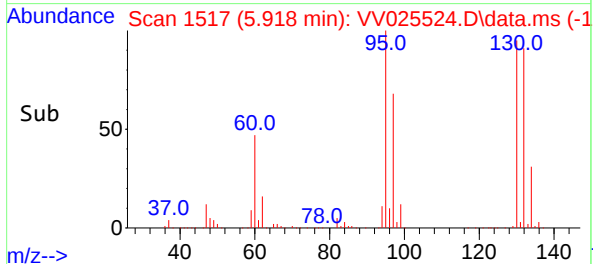
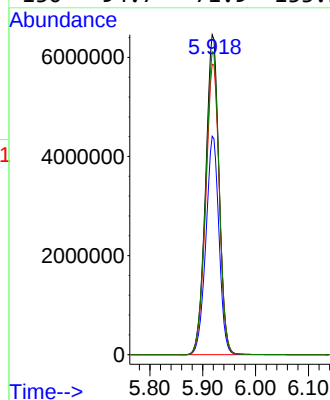
#34
Trichloroethene
Concen: 1168.957 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

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Tgt Ion: 95 Resp:11389943

Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.8	85.2
132	90.8	68.0	126.4
130	94.7	71.9	133.5



#47
Tetrachloroethene
Concen: 12.548 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV025524.D
Acq: 14 Apr 2022 04:28

Tgt Ion:164 Resp: 95720

Ion	Ratio	Lower	Upper
164	100		
129	95.7	66.8	124.2
131	92.9	66.4	123.4
166	127.0	91.7	170.3

