

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028906.D
 Acq On : 12 Nov 2022 04:12
 Operator : SY/MD
 Sample : N5590-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBMX6

Quant Time: Nov 14 00:23:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	302385	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	277422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	135249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	82323	4.466	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.565	69	77742	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.105	63	115694	3.444	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.889	46	194401	62.996	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.000%	
24) Chloroform-d	4.343	84	183999	4.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.031	65	87105	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.047	84	393678	4.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	6.066	67	116224	5.026	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.313	98	341460	4.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	7.622	79	33278	4.413	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.200%	
46) 2-Hexanone-d5	8.088	63	175631	54.560	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.120%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	82382	5.139	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	123791	5.116	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	21130	0.885	ug/L	91
8) Chloroethane	1.307	64	7339	0.523	ug/L	89
12) 1,1-Dichloroethene	2.108	96	1687	0.092	ug/L #	1
13) Acetone	2.188	43	264701	133.346	ug/L	83
15) Methyl Acetate	2.188	43	260081	53.986	ug/L #	44
16) Methylene chloride	2.503	84	105054	4.438	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	17937	0.845	ug/L	87
21) 2-Butanone	4.085	43	52739	17.160	ug/L #	66
22) cis-1,2-Dichloroethene	3.902	96	487262	22.575	ug/L	98
25) Chloroform	4.371	83	3345	0.092	ug/L #	71
35) Methylcyclohexane	6.066	83	28025	0.735	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12360	0.632	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2400	0.088	ug/L #	71
45) 1,1,2-Trichloroethane	7.924	97	1193	0.093	ug/L #	1
61) 1,2,3-Trichloropropane	11.243	75	15344	1.660	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.403	75	341	0.188	ug/L #	2

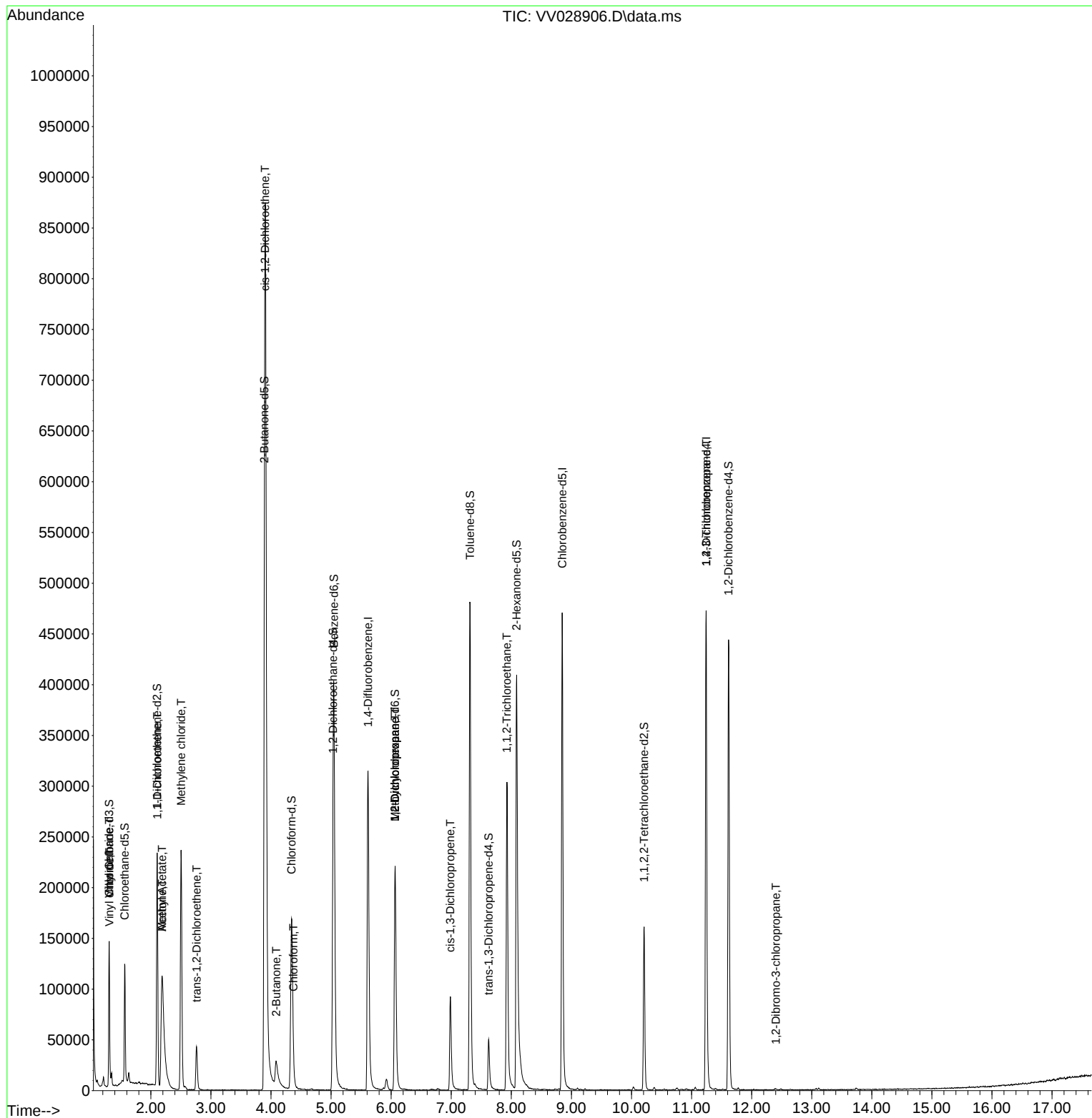
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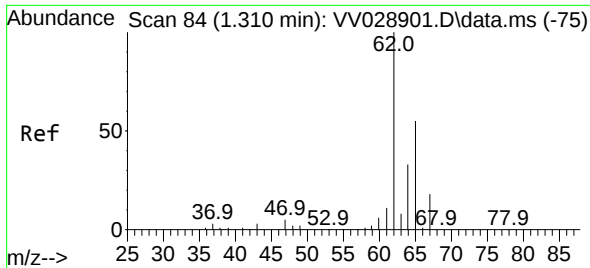
Instrument :
MSVOA_V
ClientSampleId :
GBMX6

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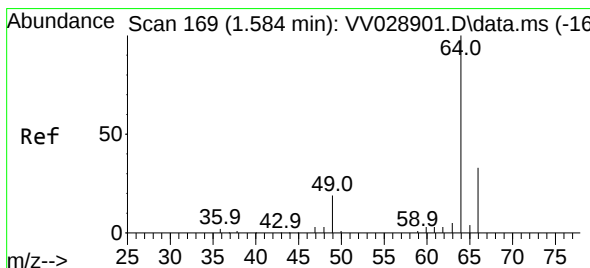
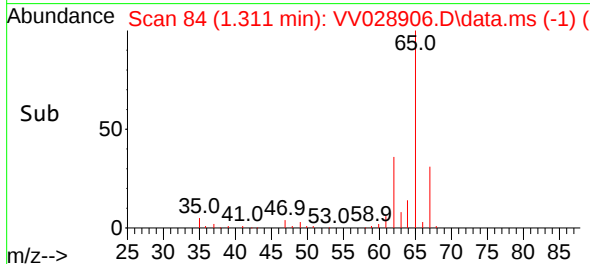
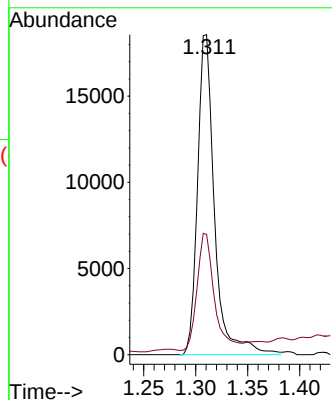
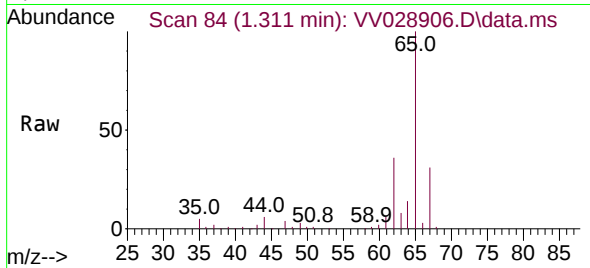




#5
 Vinyl chloride
 Concen: 0.885 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028906.D
 Acq: 12 Nov 2022 04:12

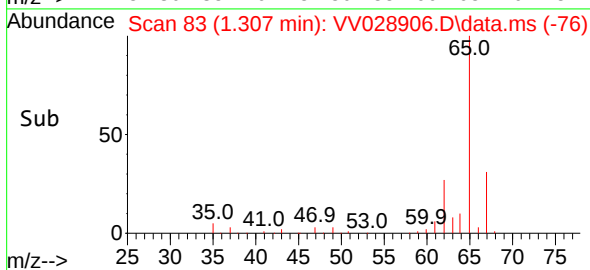
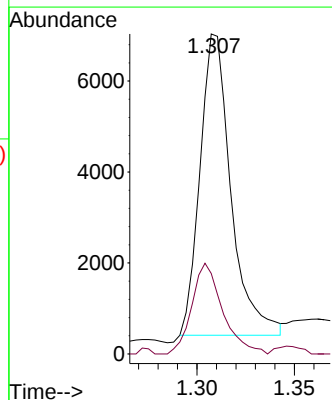
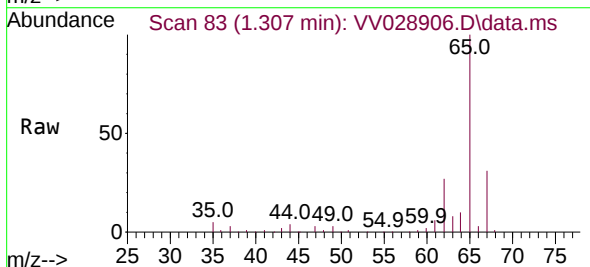
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 ClientSampleId :
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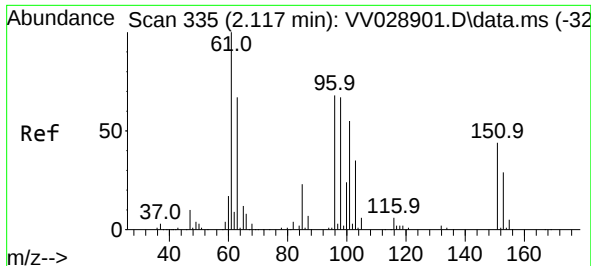
Tgt Ion: 62 Resp: 21130
 Ion Ratio Lower Upper
 62 100
 64 37.6 22.8 42.4



#8
 Chloroethane
 Concen: 0.523 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.276 min
 Lab File: VV028906.D
 Acq: 12 Nov 2022 04:12

Tgt Ion: 64 Resp: 7339
 Ion Ratio Lower Upper
 64 100
 66 25.2 22.0 40.8





#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV028906.D

Acq: 12 Nov 2022 04:12

Instrument :

MSVOA_V

ClientSampleId :

GBMX6

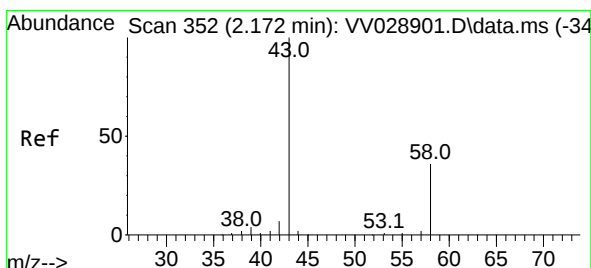
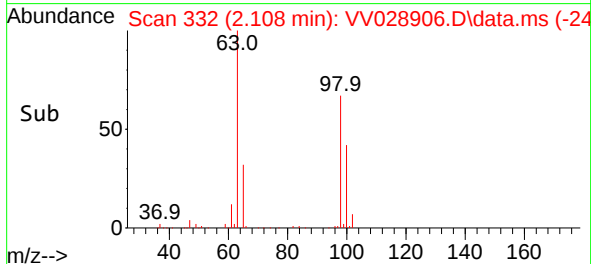
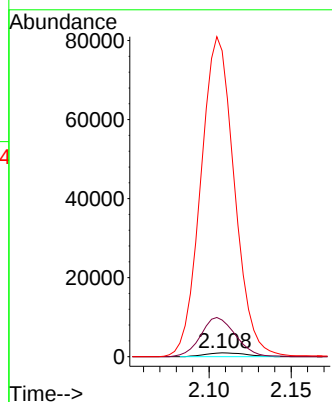
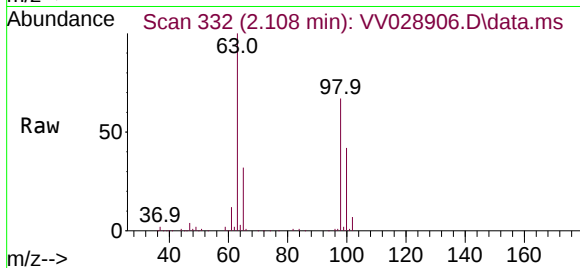
Tgt Ion: 96 Resp: 1687

Ion Ratio Lower Upper

96 100

61 939.1 104.2 193.4#

63 7844.4 75.9 140.9#



#13

Acetone

Concen: 133.346 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.016 min

Lab File: VV028906.D

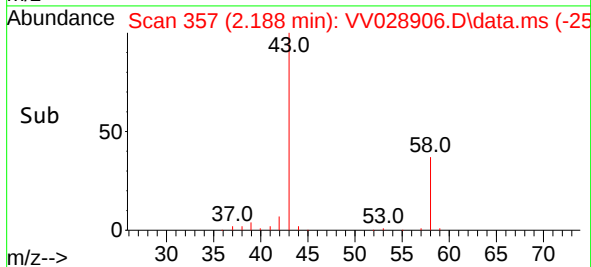
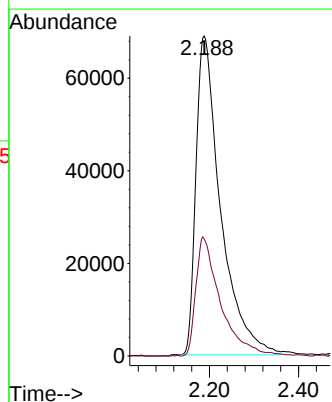
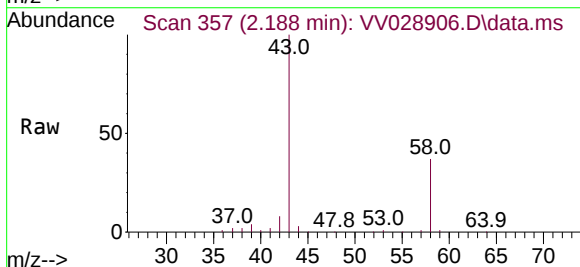
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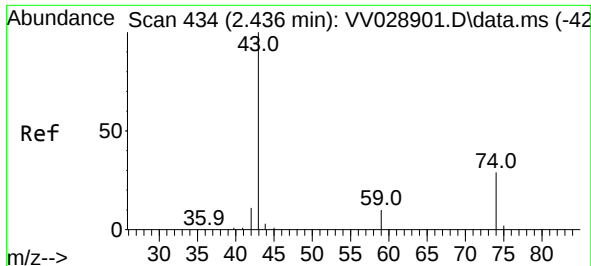
Tgt Ion: 43 Resp: 264701

Ion Ratio Lower Upper

43 100

58 37.4 0.0 56.6

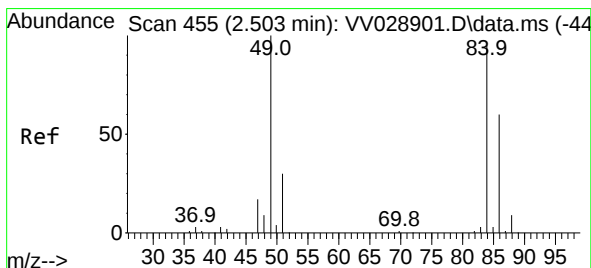
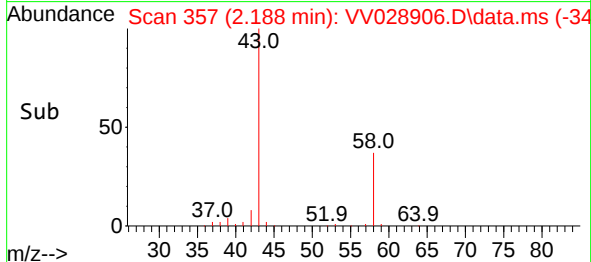
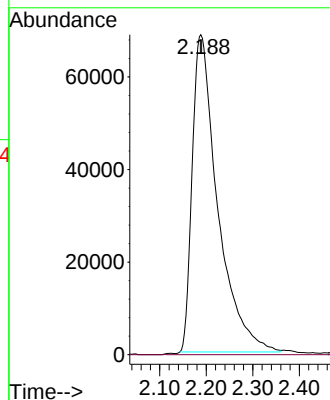
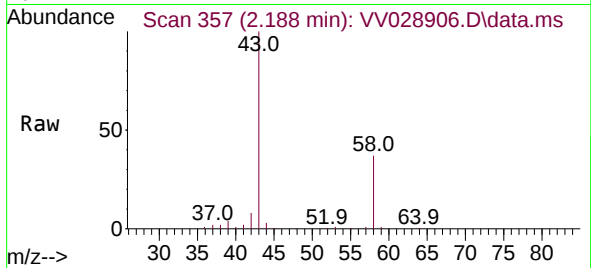




#15
Methyl Acetate
Concen: 53.986 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.248 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

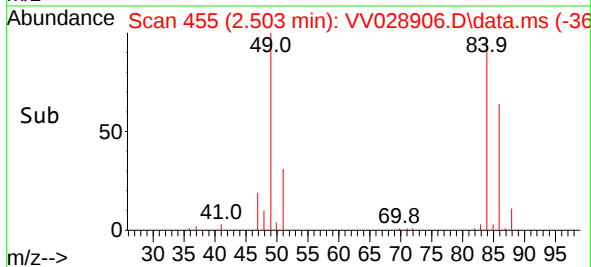
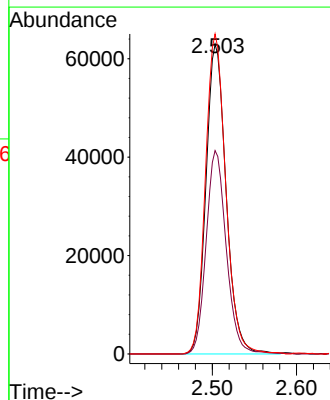
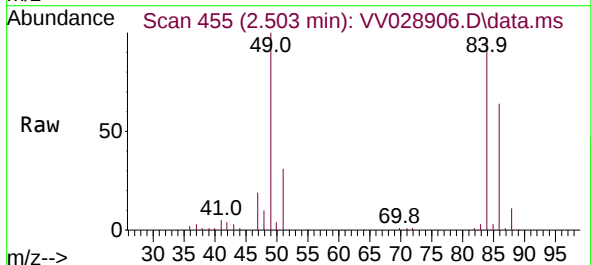
Instrument :
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ClientSampleId :
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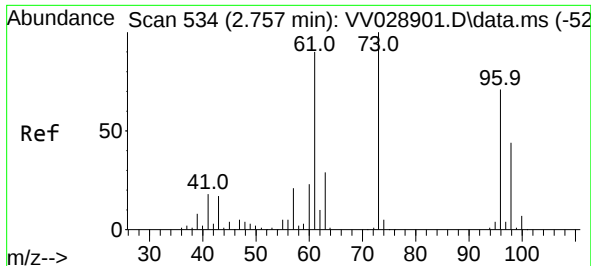
Tgt Ion: 43 Resp: 260081
Ion Ratio Lower Upper
43 100
74 0.0 24.6 37.0#



#16
Methylene chloride
Concen: 4.438 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

Tgt Ion: 84 Resp: 105054
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.0
49 103.3 75.5 140.1

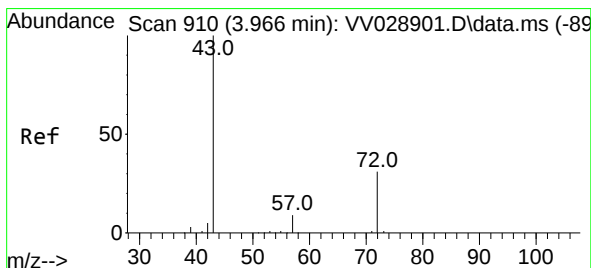
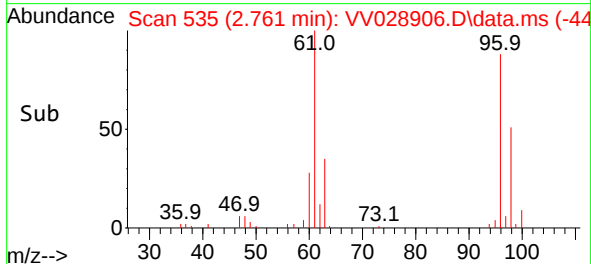
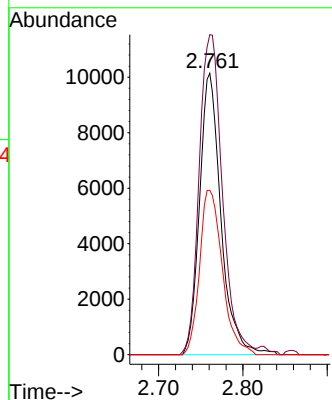
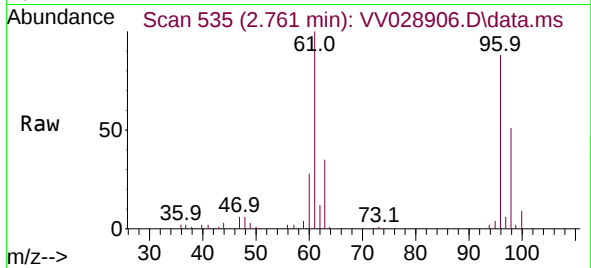




#18
trans-1,2-Dichloroethene
Concen: 0.845 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

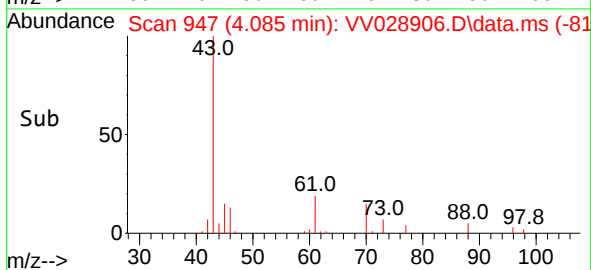
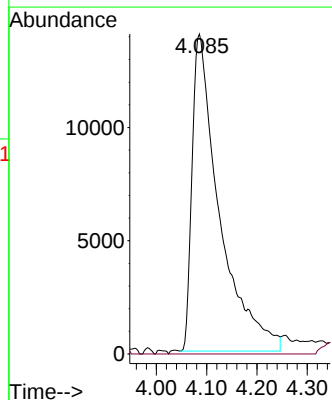
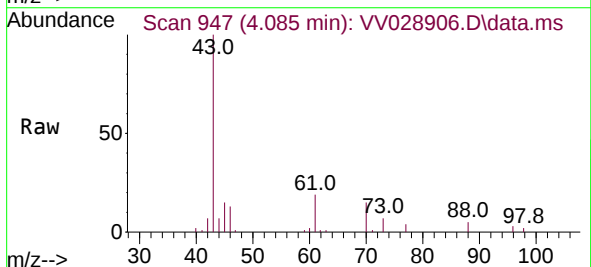
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ClientSampleId :
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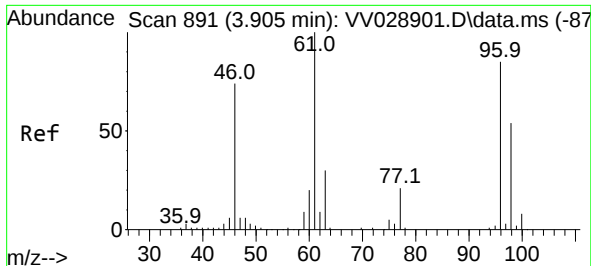
Tgt Ion: 96 Resp: 17937
Ion Ratio Lower Upper
96 100
61 113.7 91.8 170.6
98 58.4 46.4 86.2



#21
2-Butanone
Concen: 17.160 ug/L
RT: 4.085 min Scan# 947
Delta R.T. 0.119 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

Tgt Ion: 43 Resp: 52739
Ion Ratio Lower Upper
43 100
72 6.9 11.9 35.9#





#22

cis-1,2-Dichloroethene

Concen: 22.575 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028906.D

Acq: 12 Nov 2022 04:12

Instrument :

MSVOA_V

ClientSampleId :

GBMX6

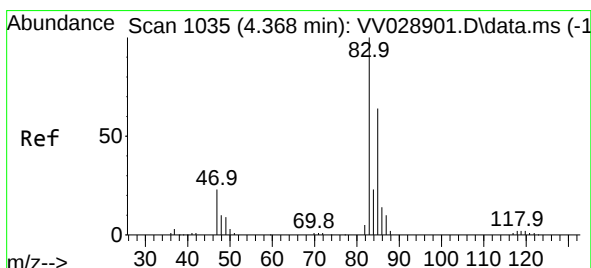
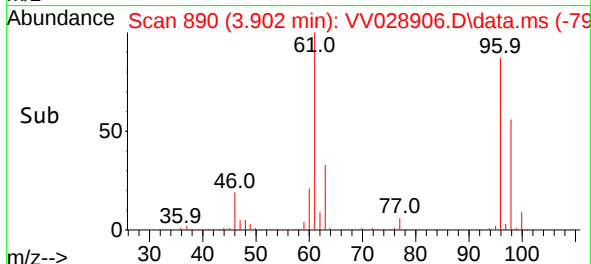
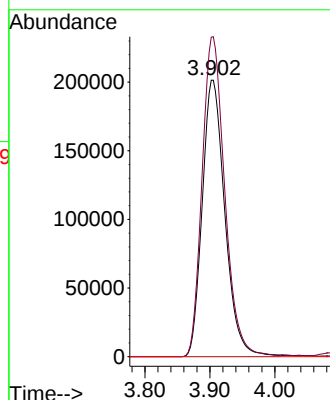
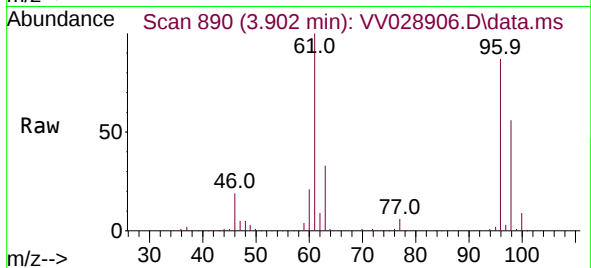
Tgt Ion: 96 Resp: 487262

Ion Ratio Lower Upper

96 100

61 115.6 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.092 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV028906.D

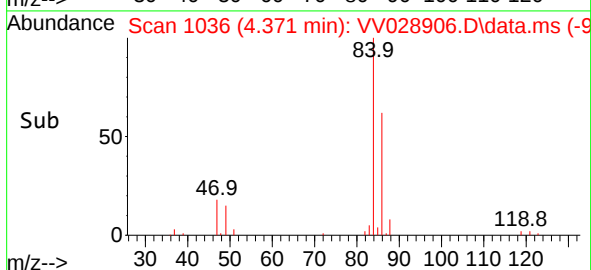
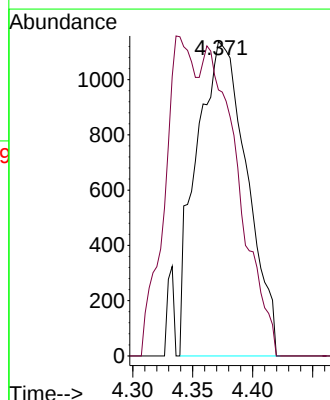
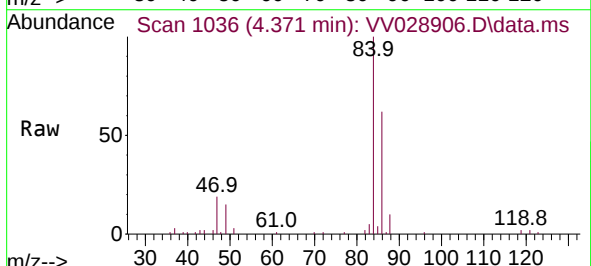
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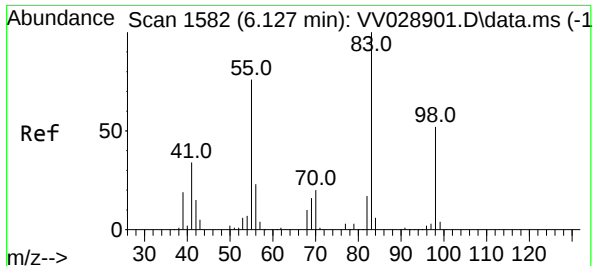
Tgt Ion: 83 Resp: 3345

Ion Ratio Lower Upper

83 100

85 84.6 43.7 81.1#





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028906.D

Acq: 12 Nov 2022 04:12

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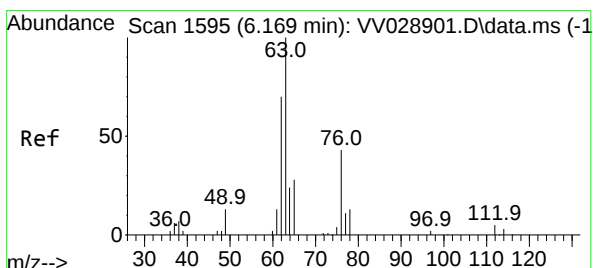
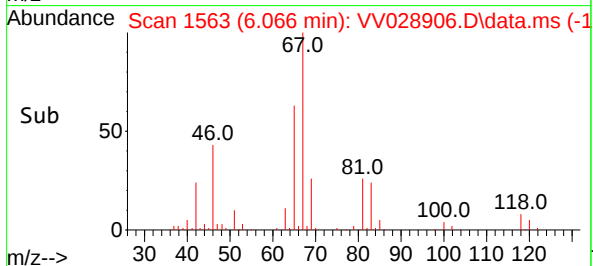
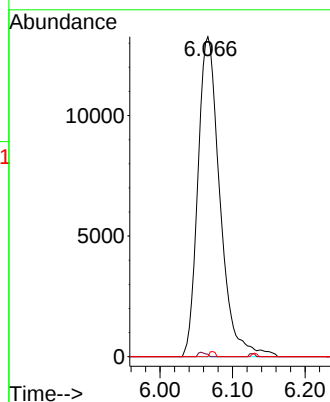
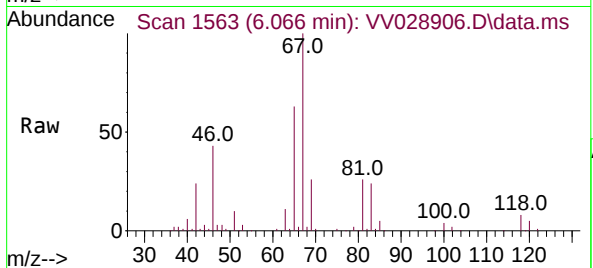
Tgt Ion: 83 Resp: 28025

Ion Ratio Lower Upper

83 100

55 0.5 55.8 83.6#

98 0.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.632 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV028906.D

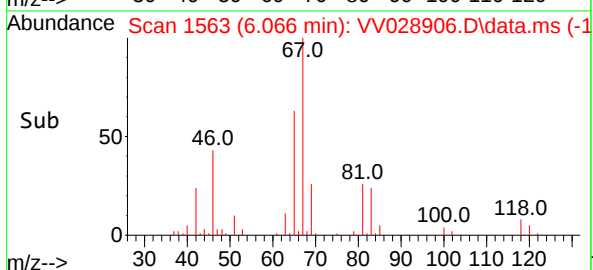
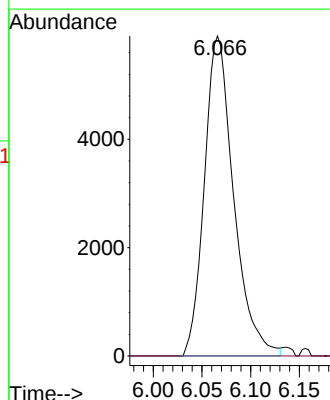
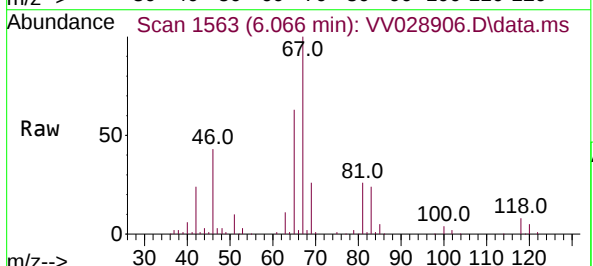
Acq: 12 Nov 2022 04:12

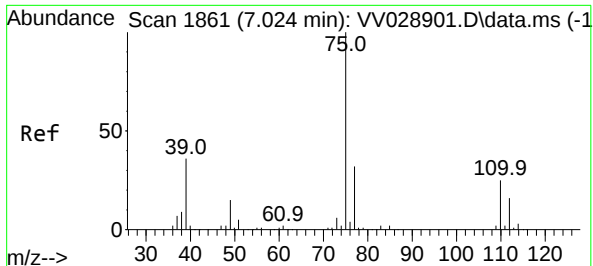
Tgt Ion: 63 Resp: 12360

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.038 min

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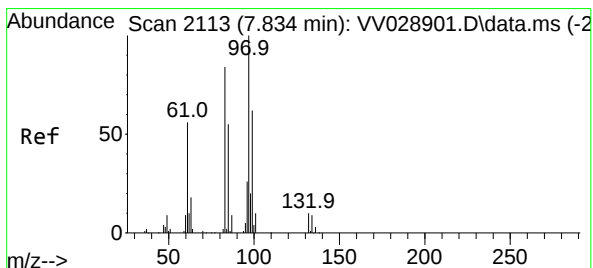
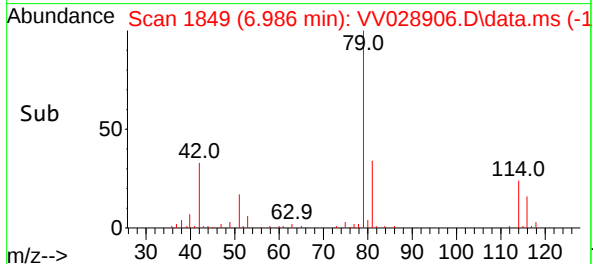
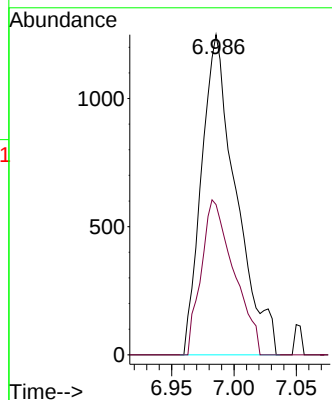
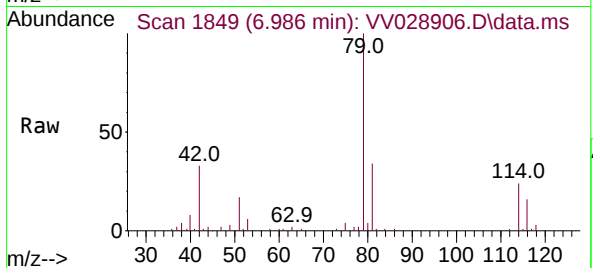
GBMX6

Tgt Ion: 75 Resp: 2400

Ion Ratio Lower Upper

75 100

77 46.9 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 0.093 ug/L

RT: 7.924 min Scan# 2141

Delta R.T. 0.090 min

Lab File: VV028906.D

Acq: 12 Nov 2022 04:12

Tgt Ion: 97 Resp: 1193

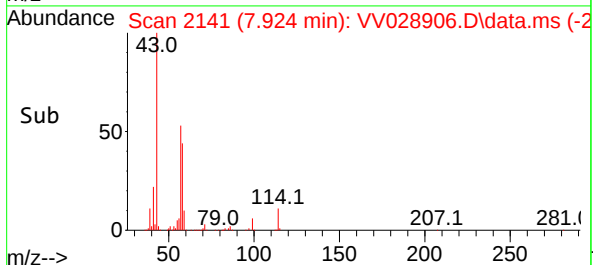
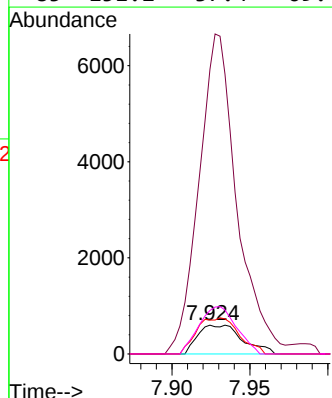
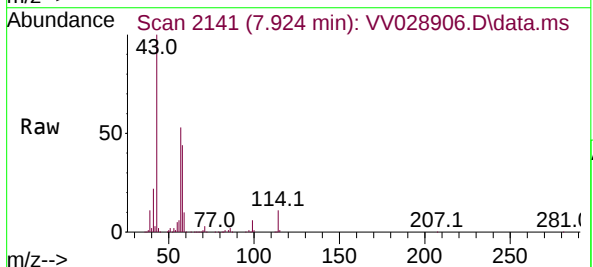
Ion Ratio Lower Upper

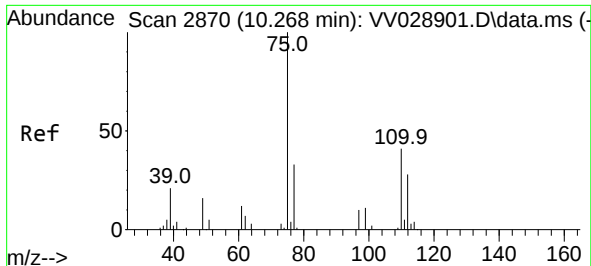
97 100

99 987.7 41.5 77.1#

83 117.5 60.0 111.4#

85 151.2 37.4 69.4#

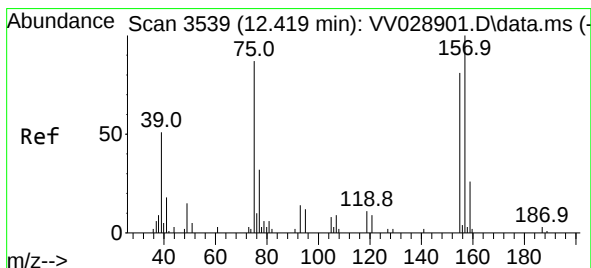
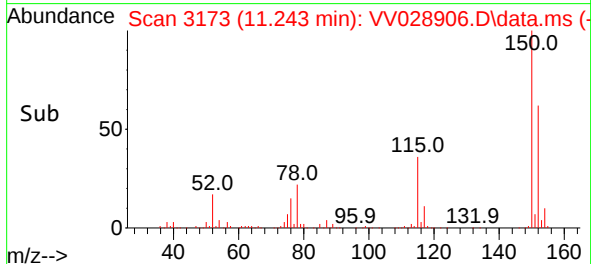
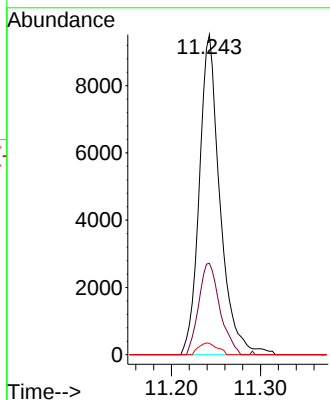
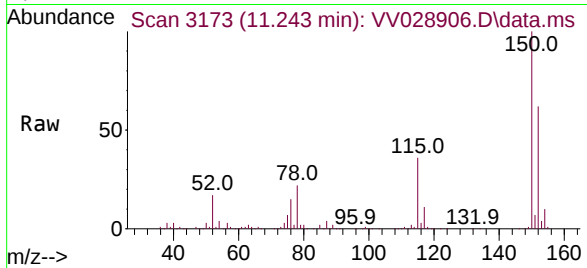




#61
1,2,3-Trichloropropane
Concen: 1.660 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.974 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

Instrument :
MSVOA_V
ClientSampleId :
GBMX6

Tgt Ion: 75 Resp: 15344
Ion Ratio Lower Upper
75 100
77 29.1 26.2 39.2
110 3.3 32.6 48.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.188 ug/L
RT: 12.403 min Scan# 3534
Delta R.T. -0.016 min
Lab File: VV028906.D
Acq: 12 Nov 2022 04:12

Tgt Ion: 75 Resp: 341
Ion Ratio Lower Upper
75 100
155 0.0 64.8 97.2#
157 0.0 86.3 129.5#

