

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051388.D
 Acq On : 12 Oct 2022 13:38
 Operator : JC/MD
 Sample : N4993-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGS11

Quant Time: Oct 13 01:39:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

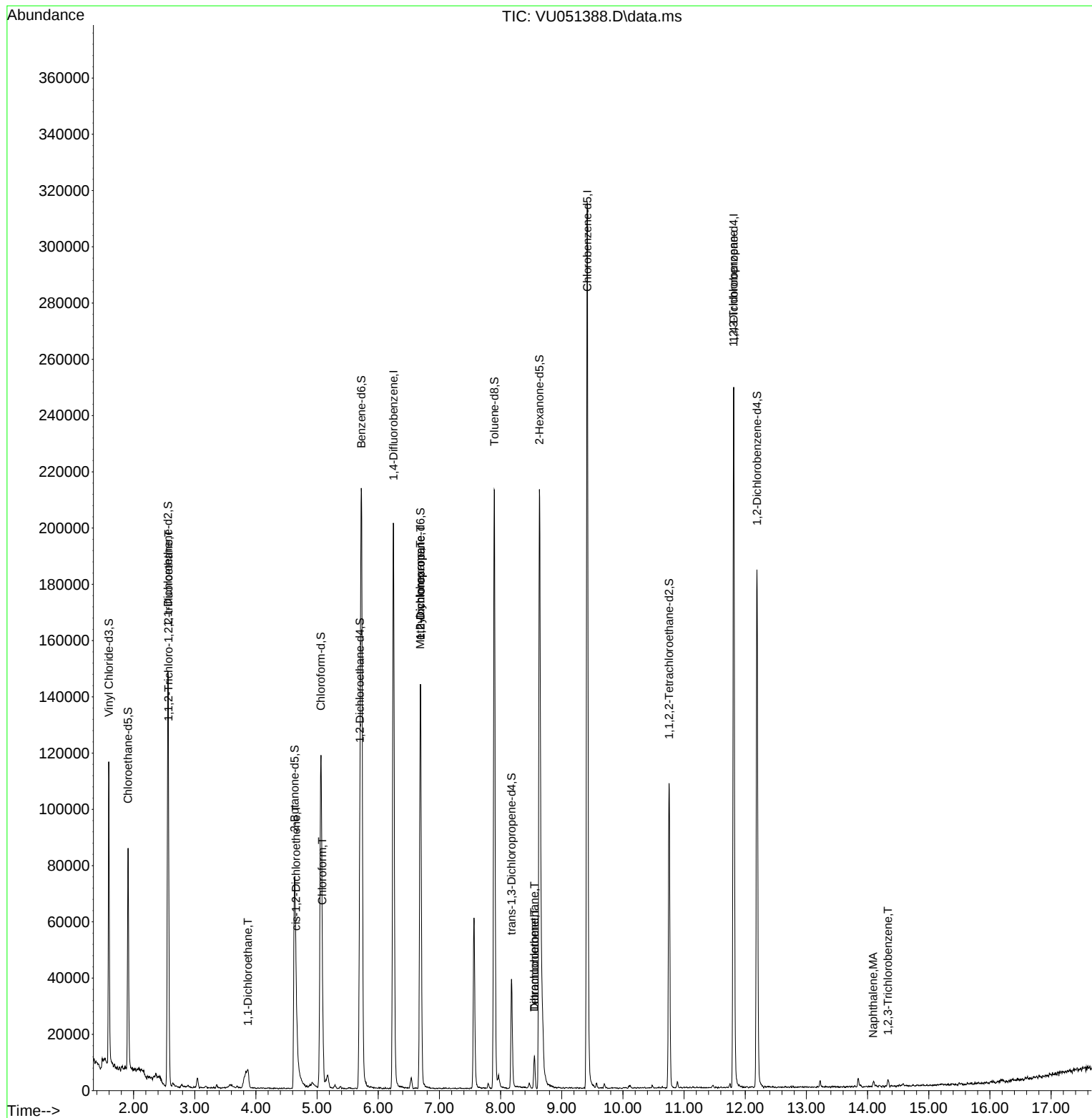
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	162290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	176118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	79911	6.104	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	122.000%	
7) Chloroethane-d5	1.909	69	56948	5.063	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.562	65	28453	5.498	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.000%	
20) 2-Butanone-d5	4.632	46	124527	43.205	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.420%	
24) Chloroform-d	5.063	84	109638	4.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.700	65	60495	4.806	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.726	84	203971	4.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.690	67	72171	4.386	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.800%	
41) Toluene-d8	7.899	98	147566	3.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	8.179	79	22849	4.227	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.636	63	62804	34.471	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.940%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	58069	4.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	50073	4.268	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.400%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	2371	0.188	ug/L #	78
19) 1,1-Dichloroethane	3.870	63	7970	0.310	ug/L #	92
22) cis-1,2-Dichloroethene	4.658	96	834	0.060	ug/L #	84
25) Chloroform	5.086	83	17794	0.663	ug/L	97
35) Methylcyclohexane	6.687	83	16197	0.875	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	7063	0.438	ug/L #	88
47) Tetrachloroethene	8.552	164	2691	0.250	ug/L	91
49) Dibromochloromethane	8.552	129	2784	0.219	ug/L #	11
61) 1,2,3-Trichloropropane	11.809	75	9017	1.058	ug/L #	69
71) Naphthalene	14.092	128	2284	0.119	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.333	180	1342	0.125	ug/L #	89

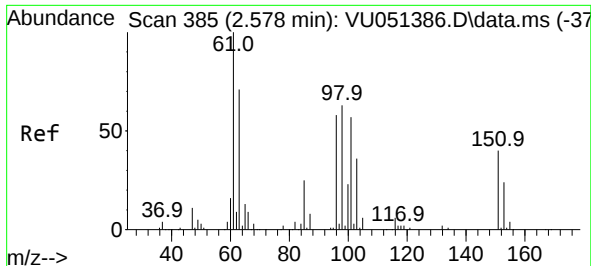
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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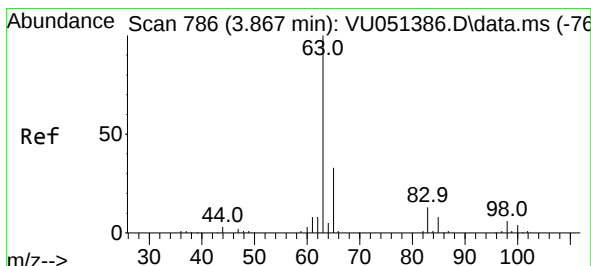
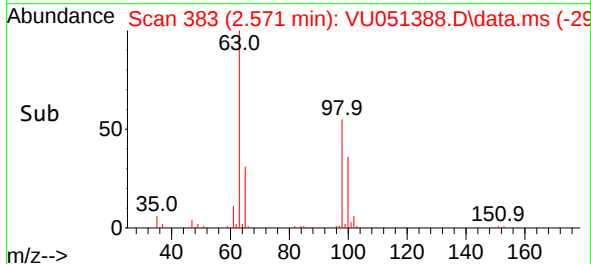
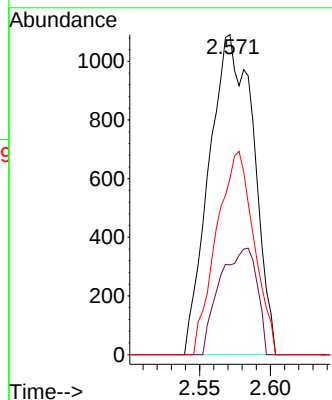
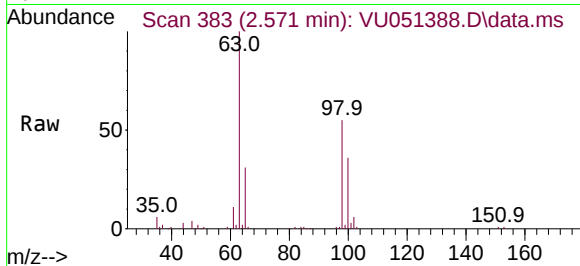




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.188 ug/L
RT: 2.571 min Scan# 31
Delta R.T. -0.006 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

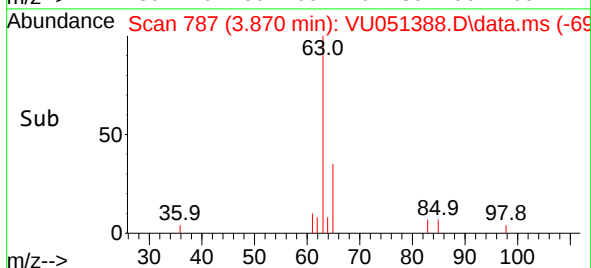
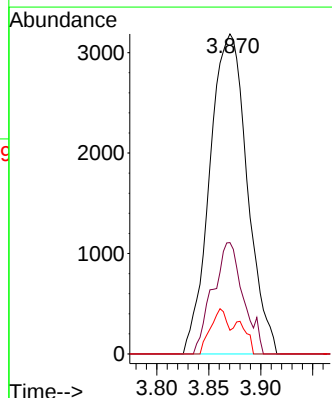
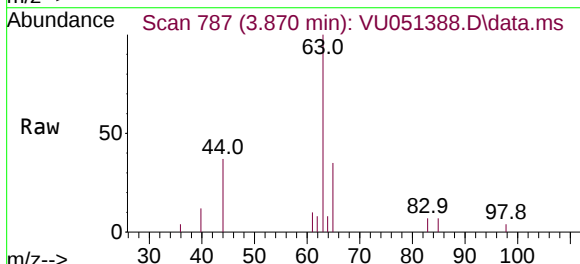
Instrument :
MSVOA_U
ClientSampleId :
BGS11

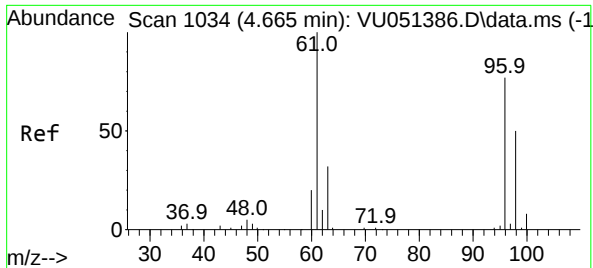
Tgt Ion:101 Resp: 2371
Ion Ratio Lower Upper
101 100
85 28.0 34.6 51.8#
151 53.8 56.5 84.7#



#19
1,1-Dichloroethane
Concen: 0.310 ug/L
RT: 3.870 min Scan# 787
Delta R.T. 0.003 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

Tgt Ion: 63 Resp: 7970
Ion Ratio Lower Upper
63 100
65 34.8 22.0 41.0
83 7.4 9.0 16.6#

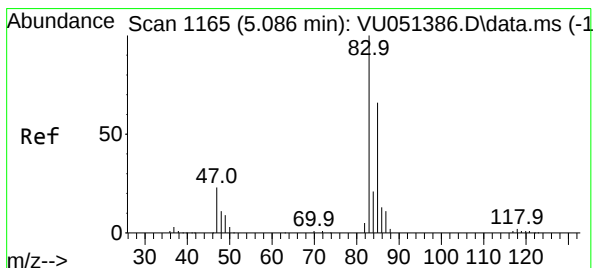
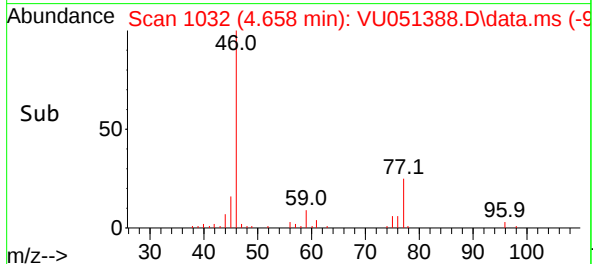
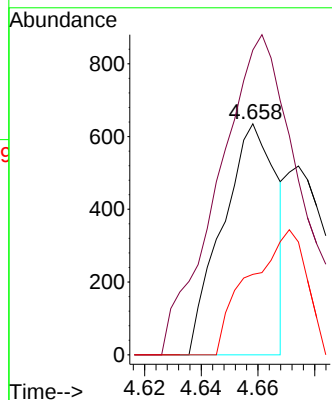
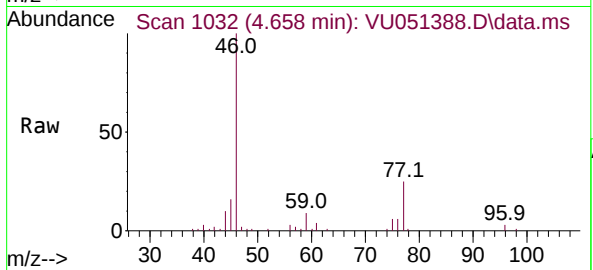




#22
 cis-1,2-Dichloroethene
 Concen: 0.060 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.006 min
 Lab File: VU051388.D
 Acq: 12 Oct 2022 13:38

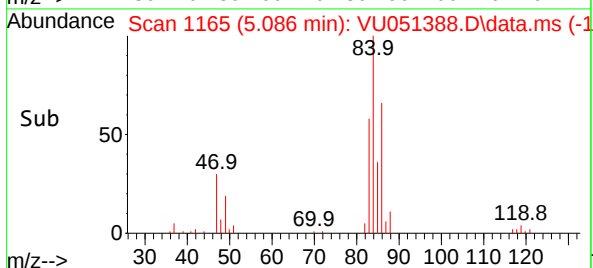
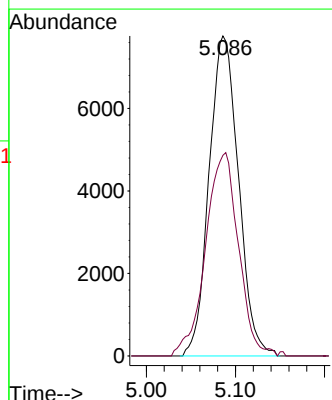
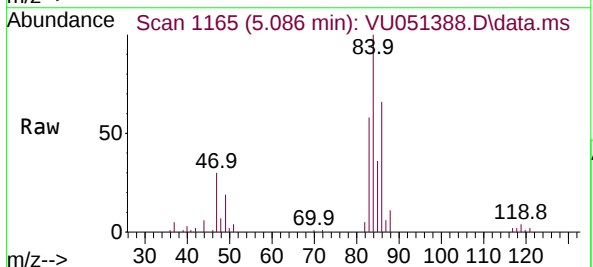
Instrument :
 MSVOA_U
 ClientSampleId :
 BGS11

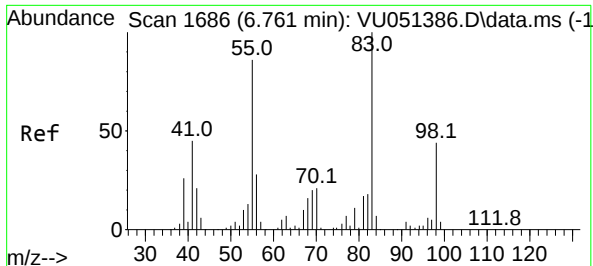
Tgt Ion: 96 Resp: 834
 Ion Ratio Lower Upper
 96 100
 61 132.0 90.6 168.2
 98 34.8 47.5 88.3#



#25
 Chloroform
 Concen: 0.663 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. -0.000 min
 Lab File: VU051388.D
 Acq: 12 Oct 2022 13:38

Tgt Ion: 83 Resp: 17794
 Ion Ratio Lower Upper
 83 100
 85 62.7 45.6 84.6

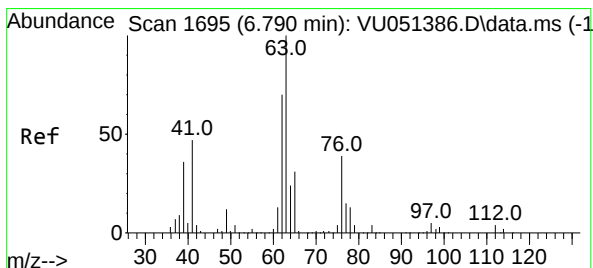
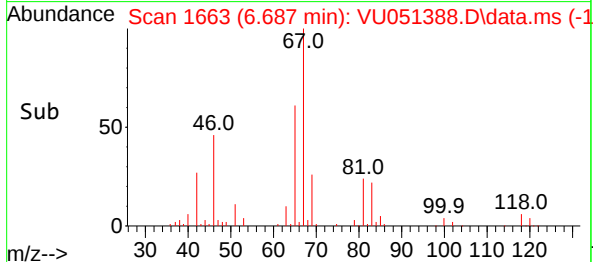
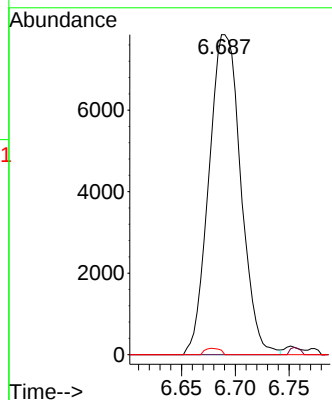
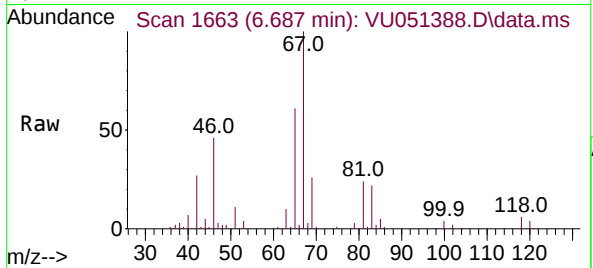




#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

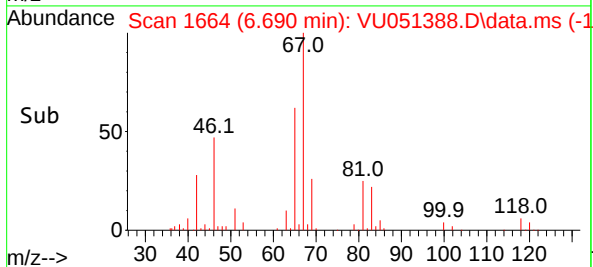
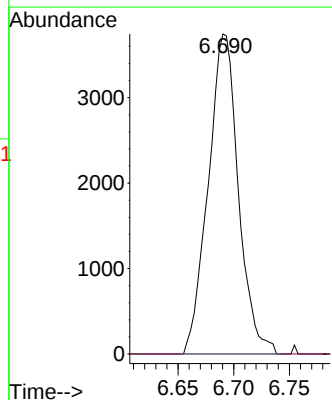
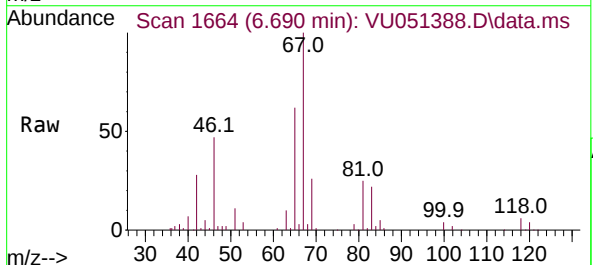
Instrument :
MSVOA_U
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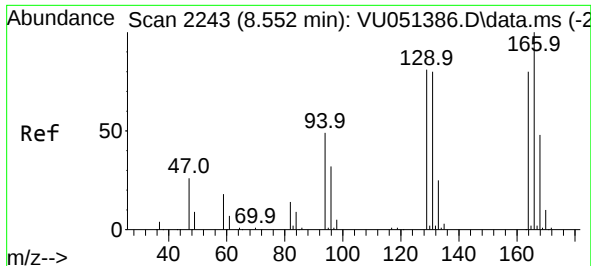
Tgt Ion: 83 Resp: 16197
Ion Ratio Lower Upper
83 100
55 0.7 65.8 98.6#
98 0.9 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.438 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

Tgt Ion: 63 Resp: 7063
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 0.250 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051388.D

Acq: 12 Oct 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

BGS11

Tgt Ion:164 Resp: 2691

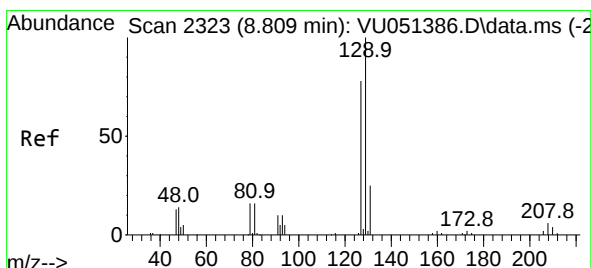
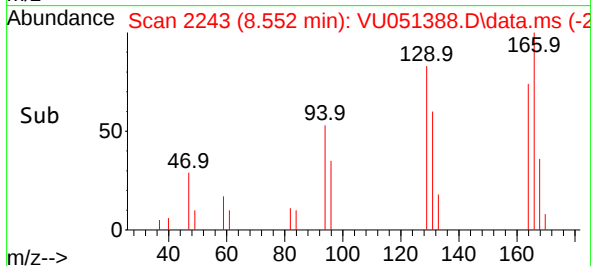
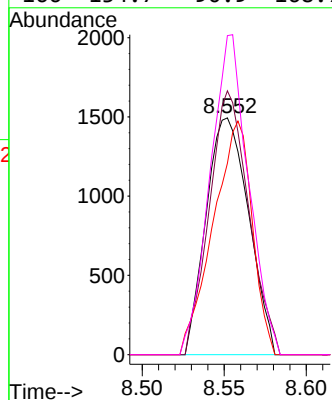
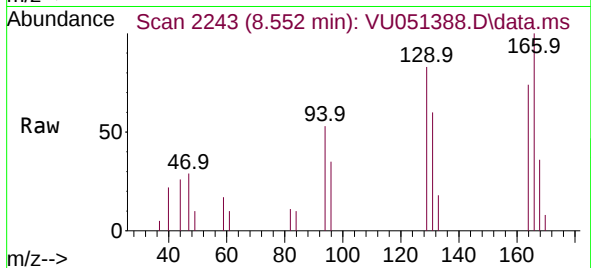
Ion Ratio Lower Upper

164 100

129 111.4 71.3 132.3

131 80.8 66.9 124.3

166 134.7 90.9 168.7



#49

Dibromochloromethane

Concen: 0.219 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051388.D

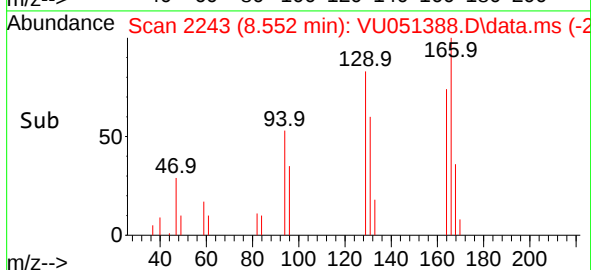
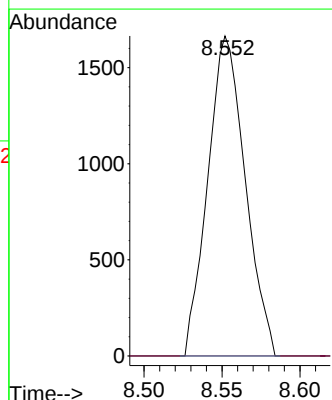
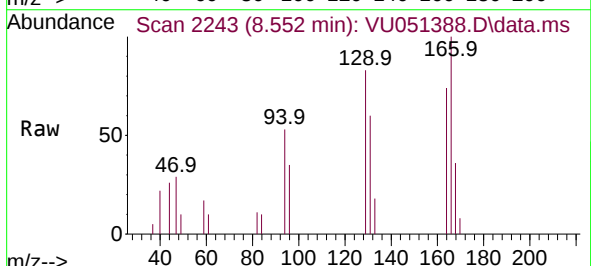
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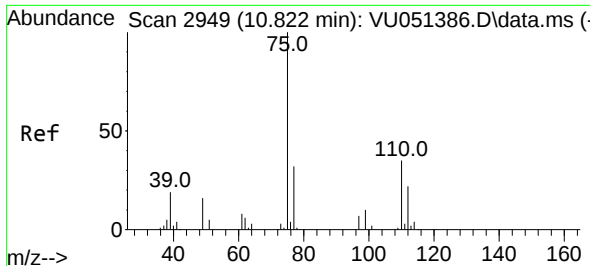
Tgt Ion:129 Resp: 2784

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

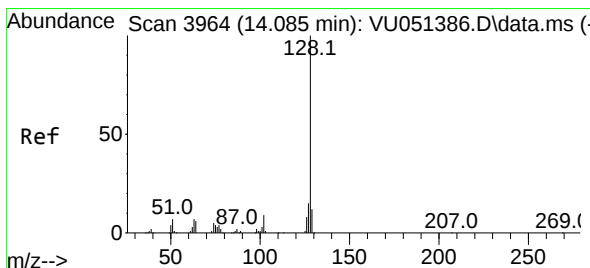
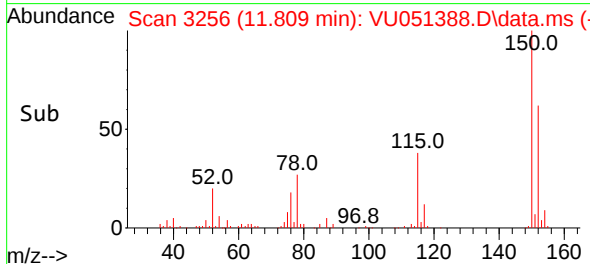
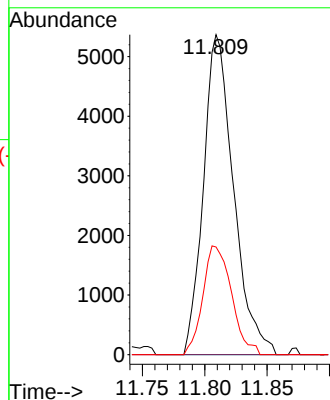
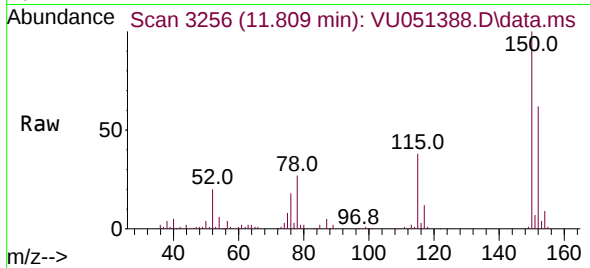




#61
1,2,3-Trichloropropane
Concen: 1.058 ug/L
RT: 11.809 min Scan# 311
Delta R.T. 0.987 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

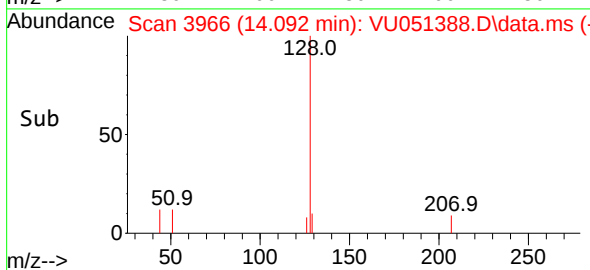
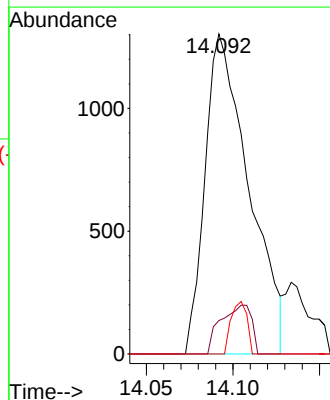
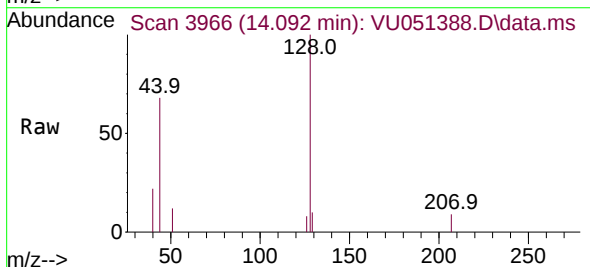
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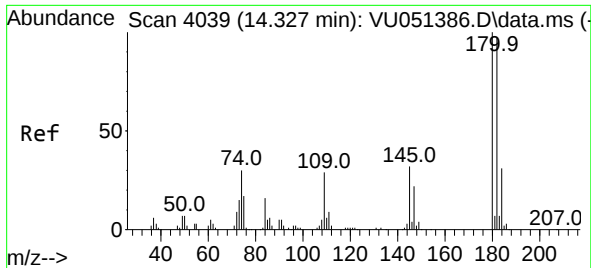
Tgt Ion: 75 Resp: 9017
Ion Ratio Lower Upper
75 100
110 0.0 27.0 40.6#
77 32.3 26.4 39.6



#71
Naphthalene
Concen: 0.119 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU051388.D
Acq: 12 Oct 2022 13:38

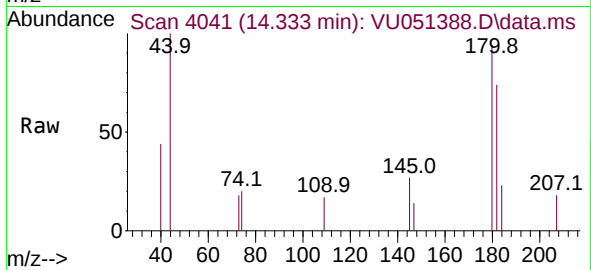
Tgt Ion: 128 Resp: 2284
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 5.9 11.1 16.7#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.125 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.006 min
 Lab File: VU051388.D
 Acq: 12 Oct 2022 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:	180	Resp:	1342
Ion Ratio	Lower	Upper	
180	100		
182	86.4	76.6	114.8
145	24.1	25.8	38.8#

