

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049873.D
 Acq On : 25 Jul 2022 17:40
 Operator : SY/MD
 Sample : N3802-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY1

Quant Time: Jul 26 05:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

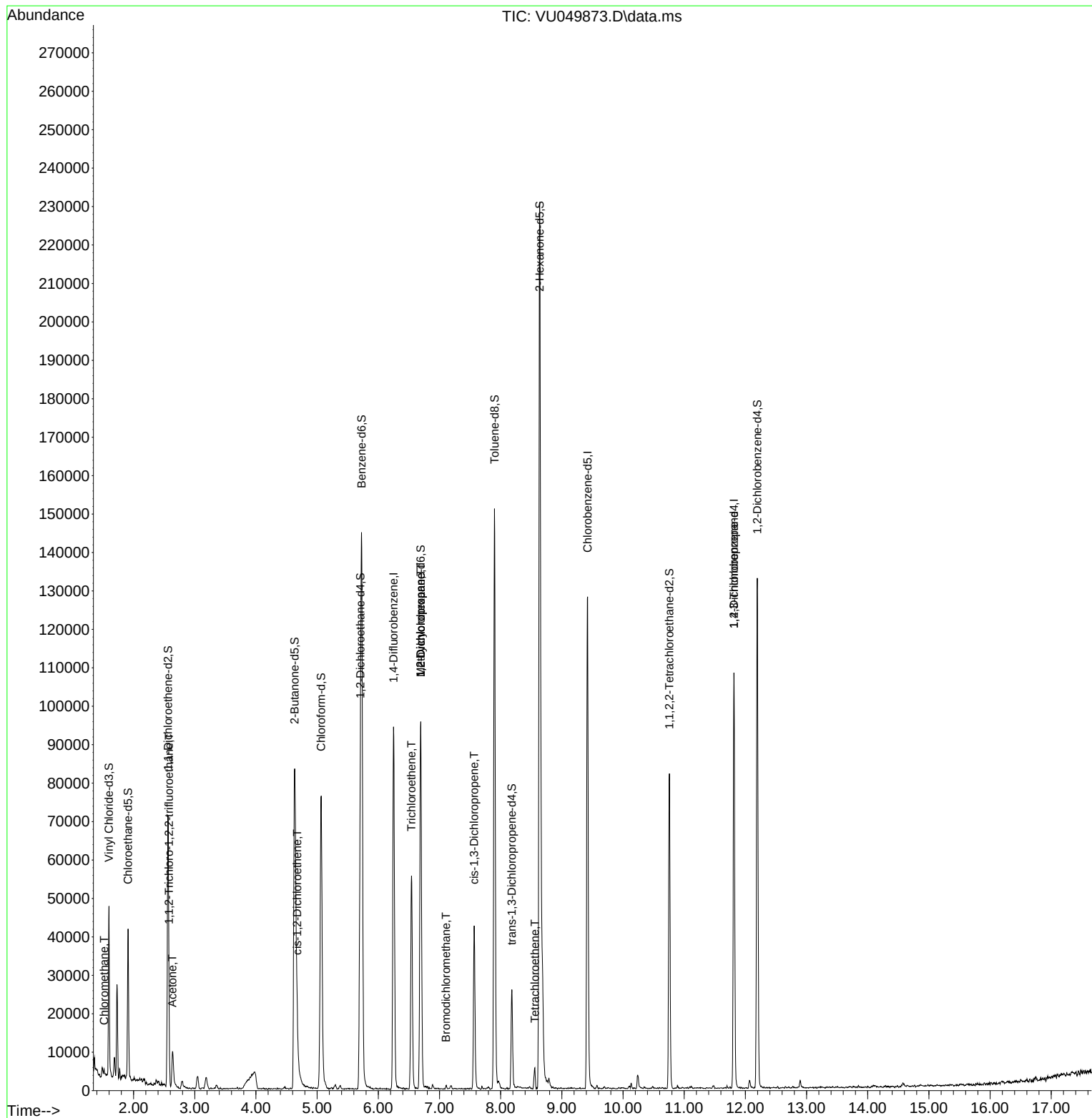
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	67713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	27715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29797	5.018	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.909	69	26375	5.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.200%		
11) 1,1-Dichloroethene-d2	2.562	65	13208	4.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.600%		
20) 2-Butanone-d5	4.633	46	132525	62.031	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 124.060%		
24) Chloroform-d	5.067	84	69253	5.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4	5.706	65	43949	5.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.400%		
32) Benzene-d6	5.726	84	126020	5.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
36) 1,2-Dichloropropane-d6	6.694	67	45063	5.653	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 113.000%		
41) Toluene-d8	7.899	98	97359	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.600%		
43) trans-1,3-Dichloroprop...	8.182	79	14558	5.030	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.600%		
46) 2-Hexanone-d5	8.636	63	70628	61.586	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 123.180%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40833	6.100	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 122.000%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	33582	5.870	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2000	0.210	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1898	0.396	ug/L #	86
13) Acetone	2.636	43	12748	9.920	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	4125	0.636	ug/L	87
34) Trichloroethene	6.542	95	18876	3.168	ug/L	98
35) Methylcyclohexane	6.694	83	10110	1.376	ug/L #	15
37) 1,2-Dichloropropane	6.694	63	5051	0.721	ug/L #	89
38) Bromodichloromethane	7.105	83	648	0.074	ug/L #	85
39) cis-1,3-Dichloropropene	7.565	75	1251	0.136	ug/L #	9
47) Tetrachloroethene	8.558	164	1089	0.266	ug/L	88
61) 1,2,3-Trichloropropane	11.812	75	3758	1.018	ug/L #	65

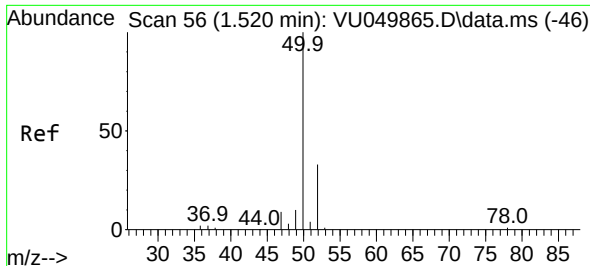
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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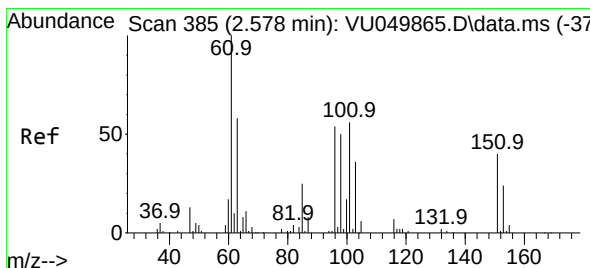
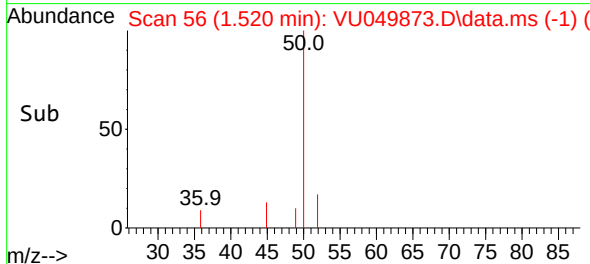
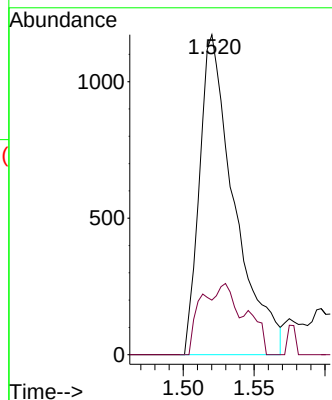
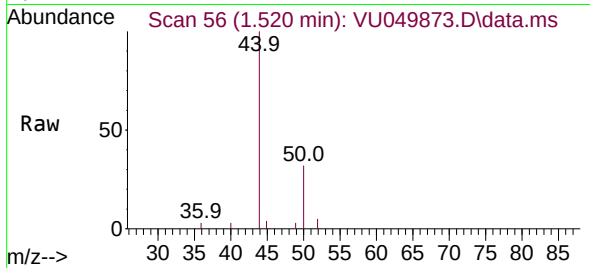




#3
Chloromethane
Concen: 0.210 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU049873.D
Acq: 25 Jul 2022 17:40

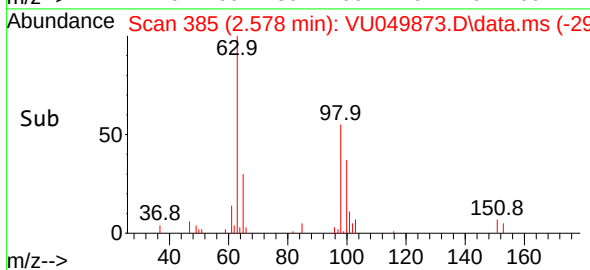
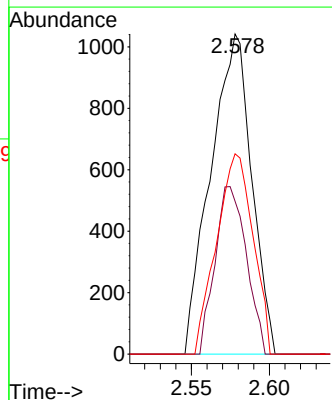
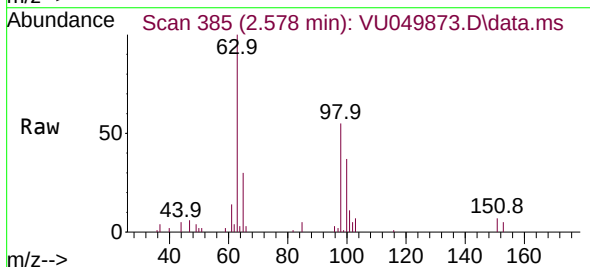
Instrument :
MSVOA_U
ClientSampleId :
GBHY1

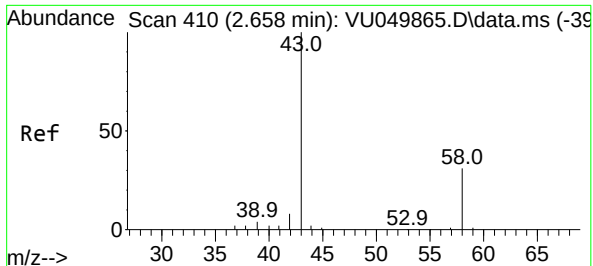
Tgt Ion: 50 Resp: 2000
Ion Ratio Lower Upper
50 100
52 17.1 22.5 41.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.396 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049873.D
Acq: 25 Jul 2022 17:40

Tgt Ion: 101 Resp: 1898
Ion Ratio Lower Upper
101 100
85 40.1 37.2 55.8
151 55.8 56.0 84.0#





#13

Acetone

Concen: 9.920 ug/L

RT: 2.636 min Scan# 410

Delta R.T. -0.023 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

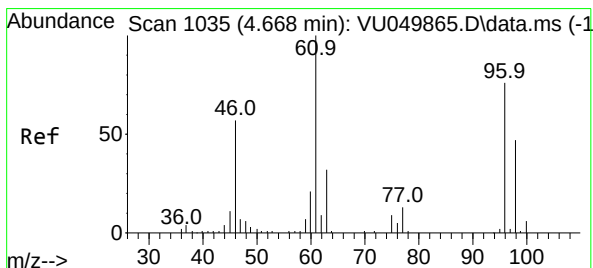
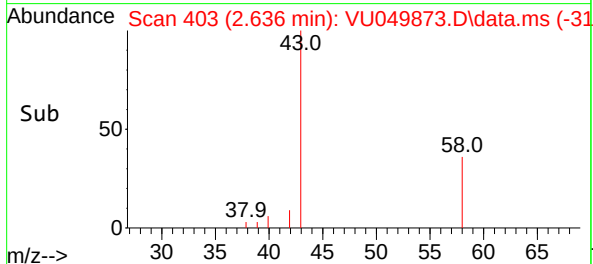
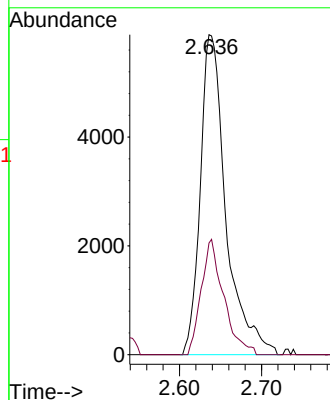
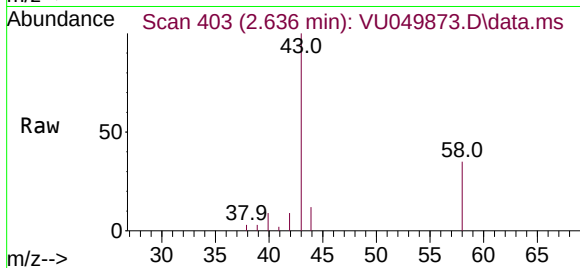
GBHY1

Tgt Ion: 43 Resp: 12748

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.0



#22

cis-1,2-Dichloroethene

Concen: 0.636 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

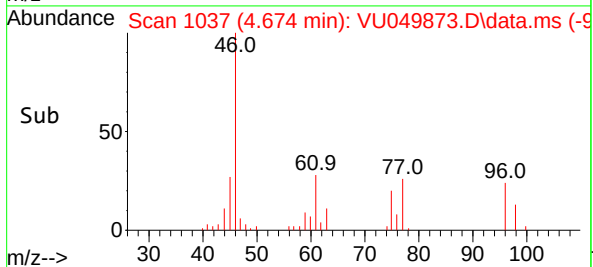
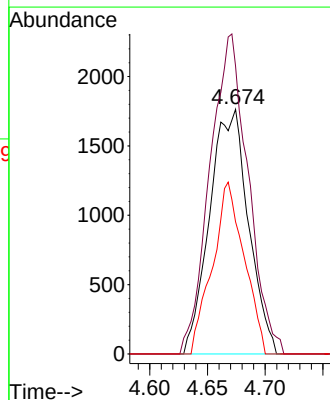
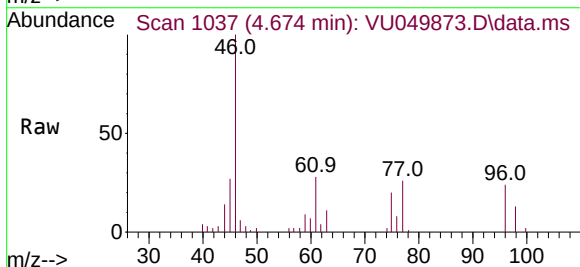
Tgt Ion: 96 Resp: 4125

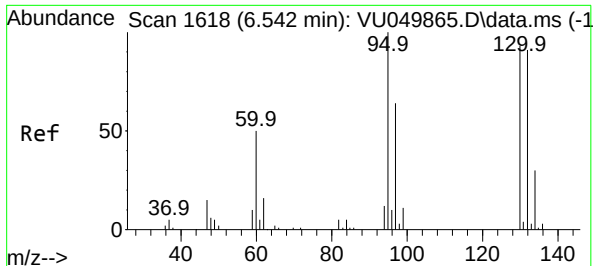
Ion Ratio Lower Upper

96 100

61 117.6 93.9 174.3

98 54.0 43.9 81.5

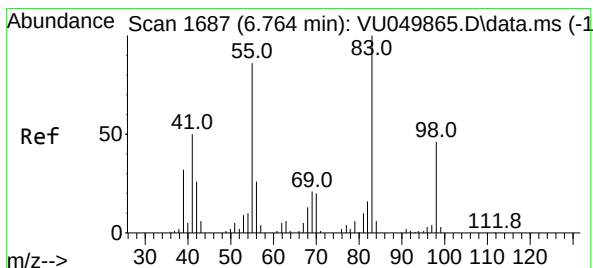
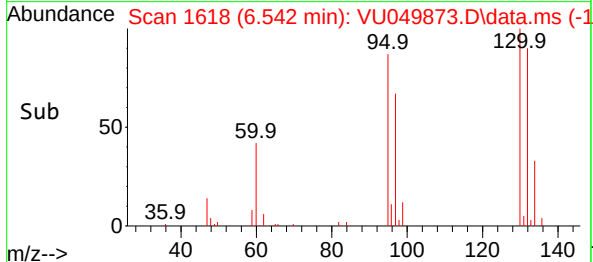
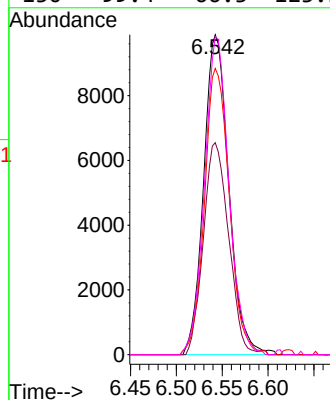
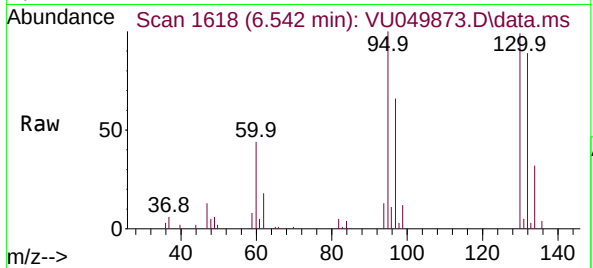




#34
Trichloroethene
Concen: 3.168 ug/L
RT: 6.542 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU049873.D
Acq: 25 Jul 2022 17:40

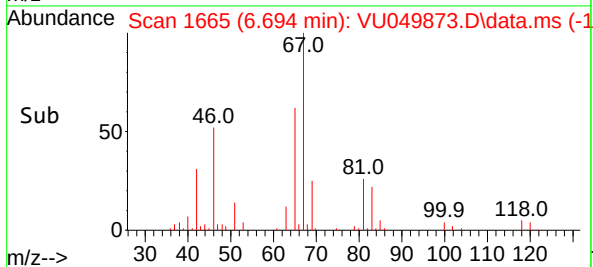
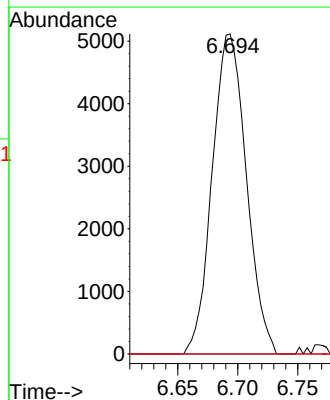
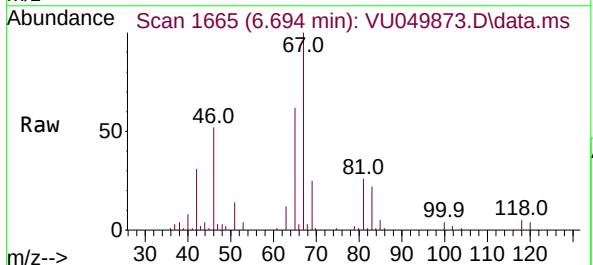
Instrument :
MSVOA_U
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GBHY1

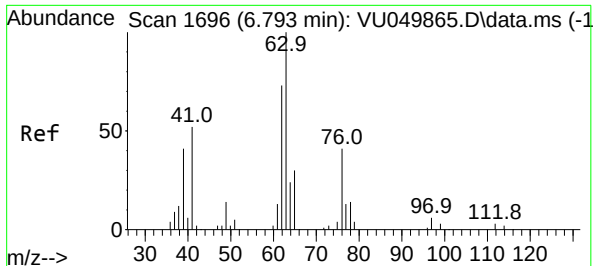
Tgt Ion:	95	Resp:	18876
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.8	86.8
132	89.5	61.8	114.8
130	99.4	66.3	123.1



#35
Methylcyclohexane
Concen: 1.376 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049873.D
Acq: 25 Jul 2022 17:40

Tgt Ion:	83	Resp:	10110
Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.0	103.4#
98	0.9	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

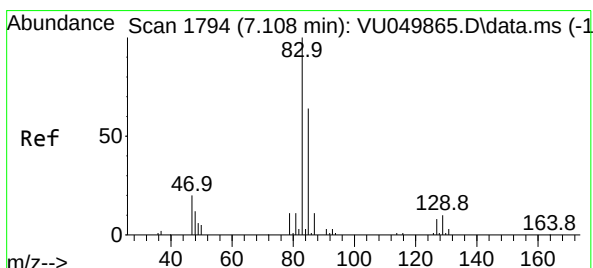
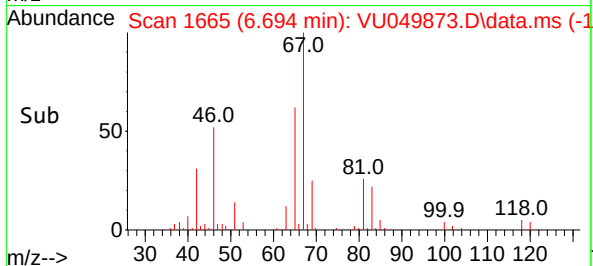
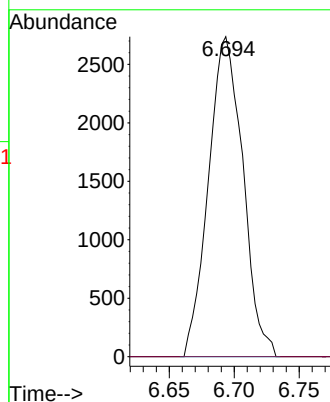
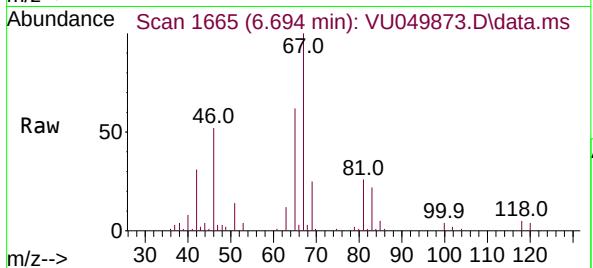
GBHY1

Tgt Ion: 63 Resp: 5051

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#38

Bromodichloromethane

Concen: 0.074 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

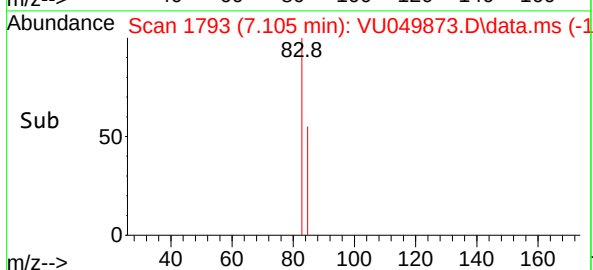
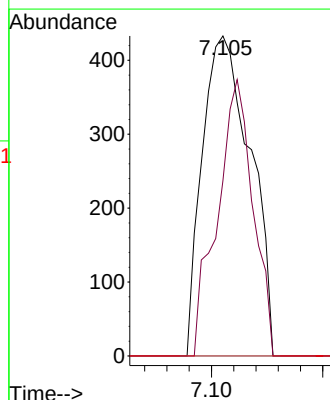
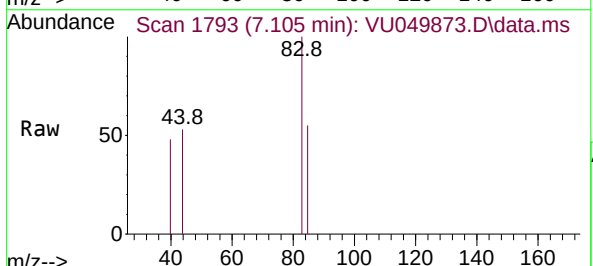
Tgt Ion: 83 Resp: 648

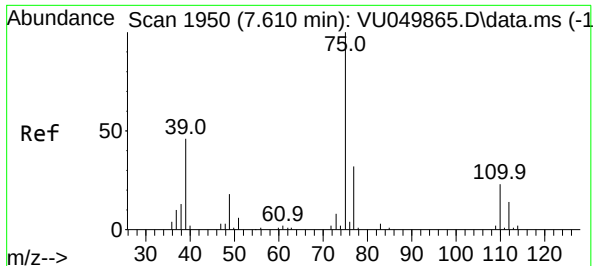
Ion Ratio Lower Upper

83 100

85 54.7 45.9 85.3

127 0.0 7.0 10.6#





#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

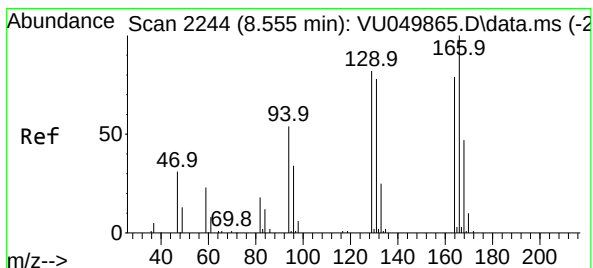
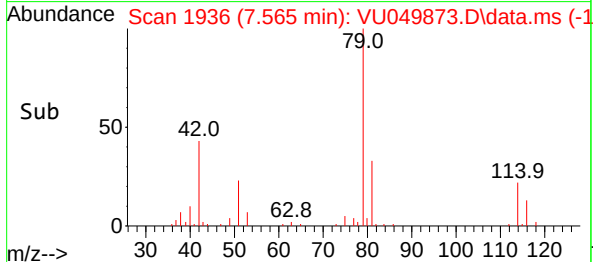
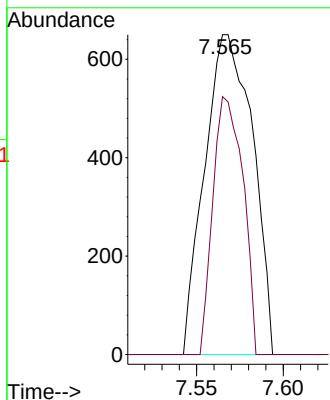
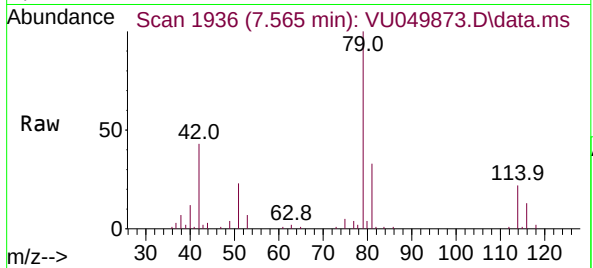
GBHY1

Tgt Ion: 75 Resp: 1251

Ion Ratio Lower Upper

75 100

77 80.6 21.6 40.0#



#47

Tetrachloroethene

Concen: 0.266 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.003 min

Lab File: VU049873.D

Acq: 25 Jul 2022 17:40

Tgt Ion: 164 Resp: 1089

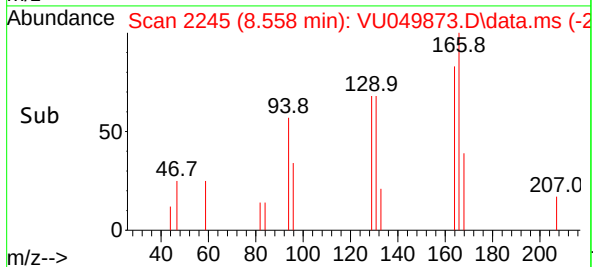
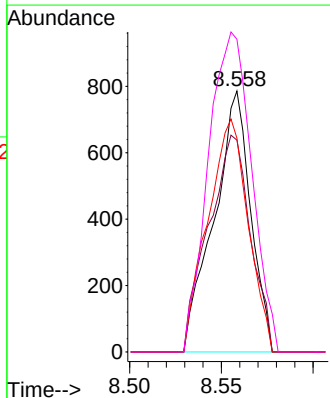
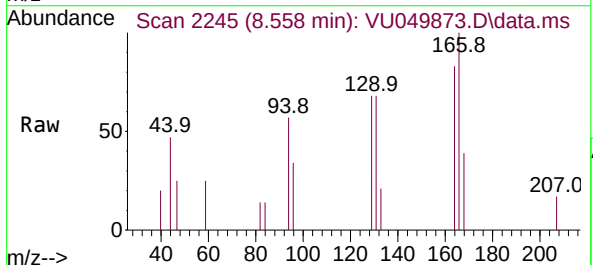
Ion Ratio Lower Upper

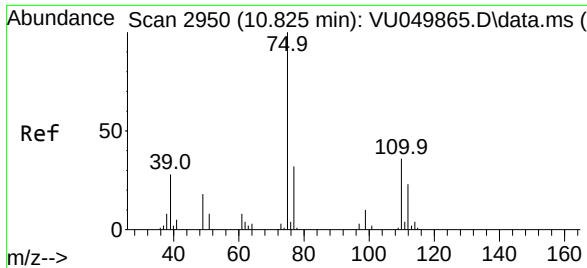
164 100

129 81.2 68.9 127.9

131 81.9 67.5 125.4

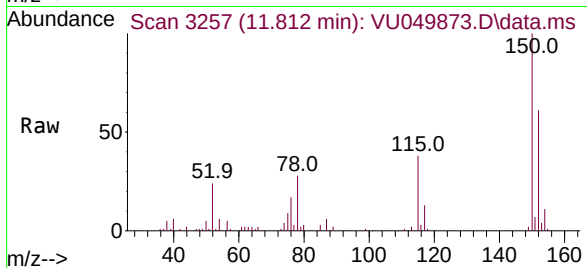
166 119.8 89.2 165.8





#61
 1,2,3-Trichloropropane
 Concen: 1.018 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049873.D
 Acq: 25 Jul 2022 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 3758
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 27.8 25.4 38.2

