

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050084.D
 Acq On : 05 Aug 2022 00:39
 Operator : SY/MD
 Sample : N4027-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH2

Quant Time: Aug 05 04:59:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	77812	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79664	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30785	4.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.912	69	27480	5.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.565	65	12103	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.633	46	93331	59.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.200%
24) Chloroform-d	5.063	84	68811	5.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.200%
26) 1,2-Dichloroethane-d4	5.703	65	35726	5.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.729	84	134204	5.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	6.690	67	45986	5.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.400%
41) Toluene-d8	7.899	98	111745	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.179	79	15833	5.397	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.636	63	59198	56.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40593	5.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	37505	6.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.200%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	5998	1.178	ug/L	96
12) 1,1-Dichloroethene	2.578	96	4835	0.899	ug/L #	1
13) Acetone	2.652	43	4140	4.708	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	577	0.096	ug/L #	65
19) 1,1-Dichloroethane	3.870	63	9423	0.826	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	60549	9.058	ug/L	98
25) Chloroform	5.089	83	65816	5.413	ug/L	99
27) 1,2-Dichloroethane	5.800	62	2809	0.380	ug/L	100
31) Carbon tetrachloride	5.526	117	479719	59.883	ug/L	99
34) Trichloroethene	6.542	95	586805	86.927	ug/L	98
35) Methylcyclohexane	6.690	83	10602	1.217	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	4564	0.614	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1127	0.116	ug/L #	79
48) 2-Hexanone	8.687	43	14989	4.500	ug/L #	87
49) Dibromochloromethane	8.549	129	737	0.120	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3796	0.911	ug/L #	65
71) Naphthalene	14.092	128	2190	0.192	ug/L #	86

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 05 04:52:21 2022
Response via : Initial Calibration

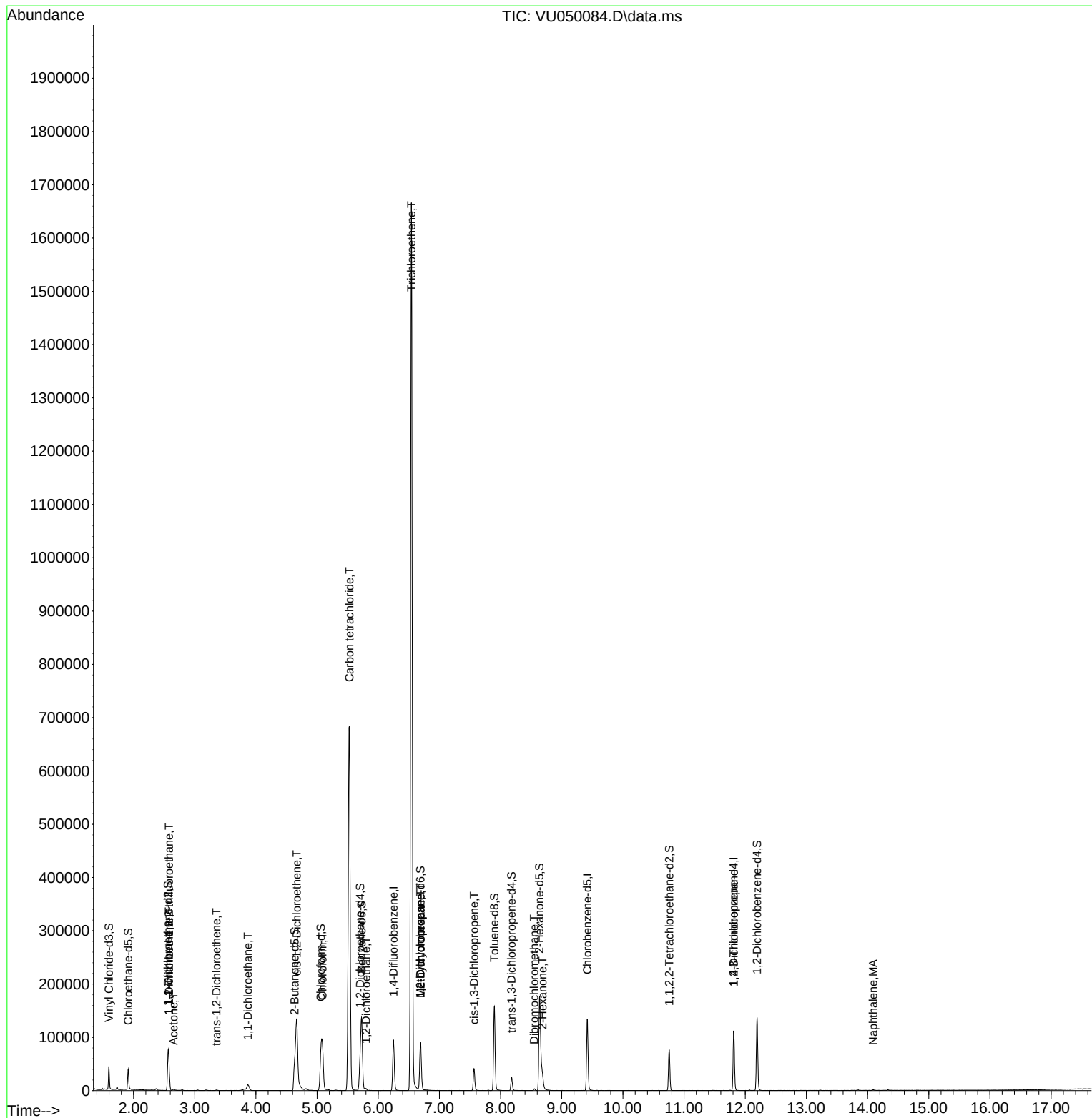
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

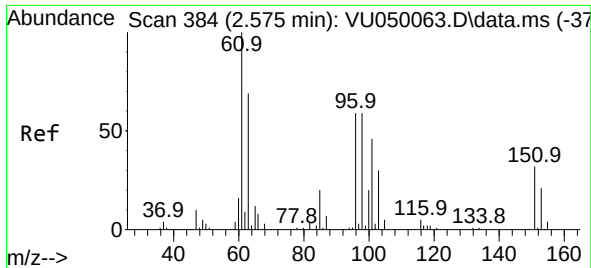
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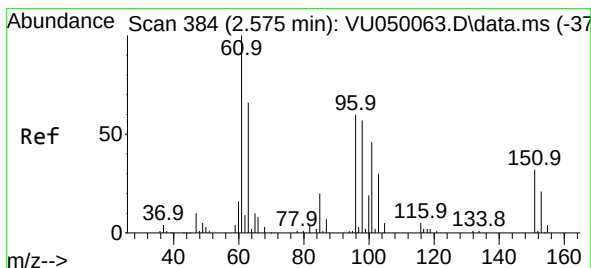
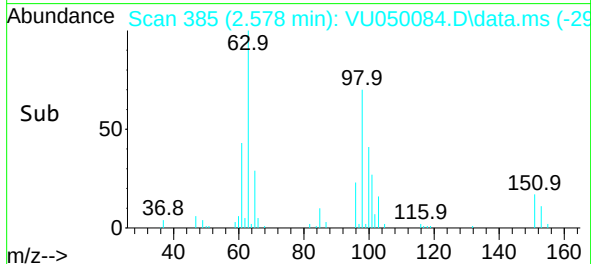
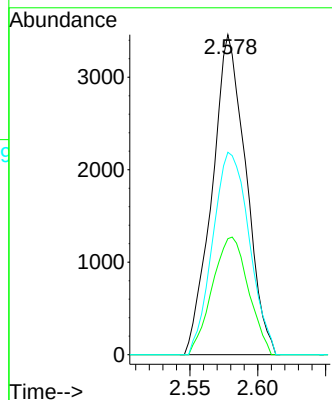
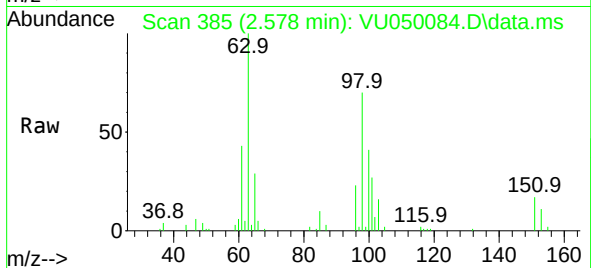




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.178 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050084.D
 Acq: 05 Aug 2022 00:39

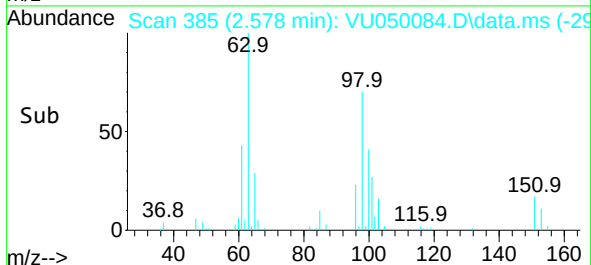
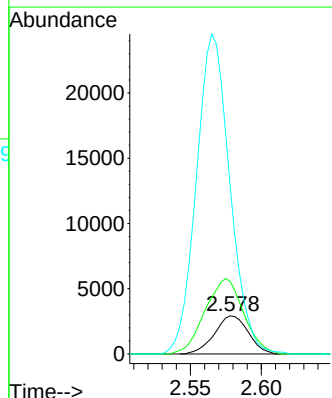
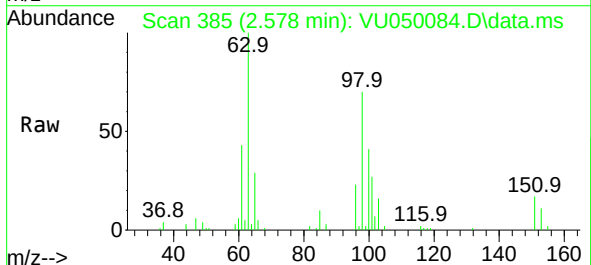
Instrument :
 MSVOA_U
 Client Sample Id :
 GBJH2

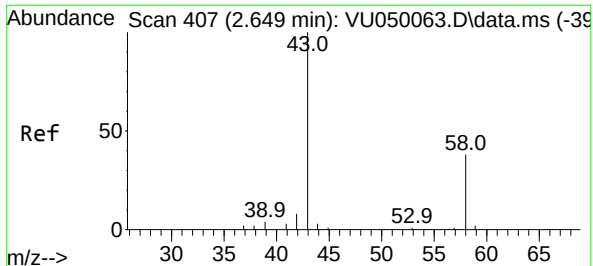
Tgt Ion: 101 Resp: 5998
 Ion Ratio Lower Upper
 101 100
 85 39.2 35.6 53.4
 151 68.5 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 0.899 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050084.D
 Acq: 05 Aug 2022 00:39

Tgt Ion: 96 Resp: 4835
 Ion Ratio Lower Upper
 96 100
 61 190.4 122.7 227.9
 63 442.0 85.1 158.1#

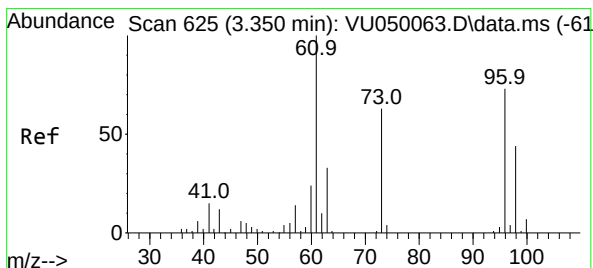
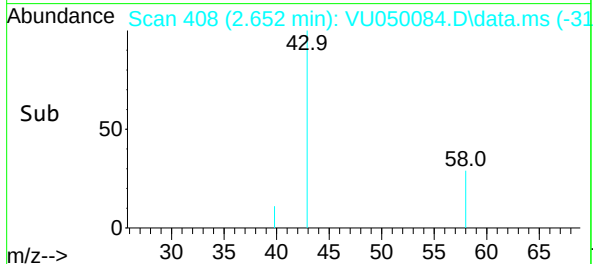
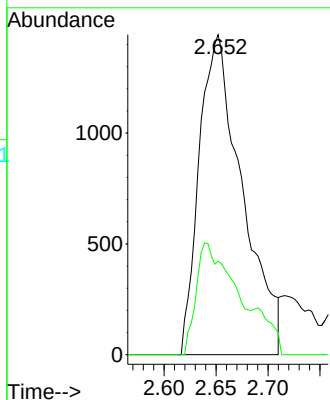
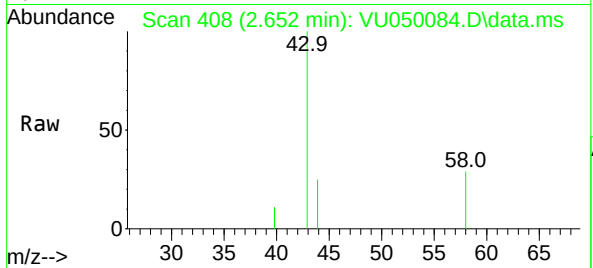




#13
Acetone
Concen: 4.708 ug/L
RT: 2.652 min Scan# 40
Delta R.T. 0.003 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

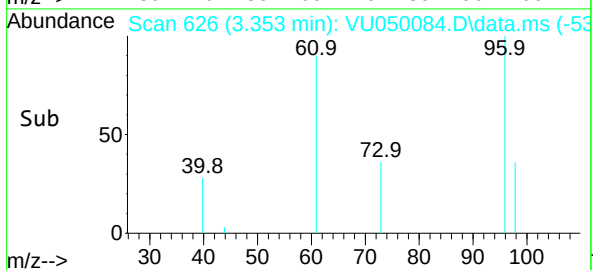
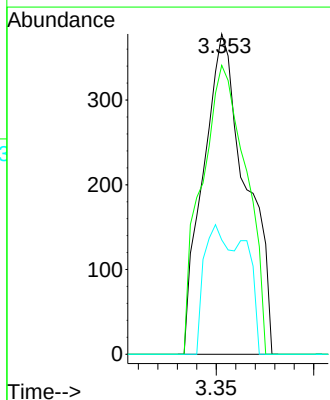
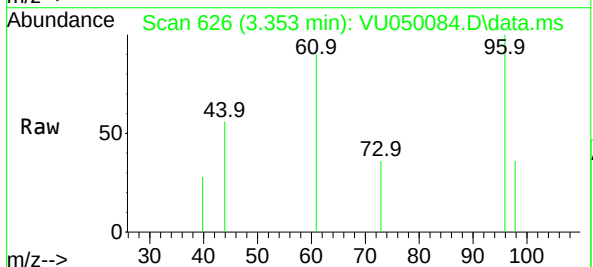
Instrument :
MSVOA_U
ClientSampleId :
GBJH2

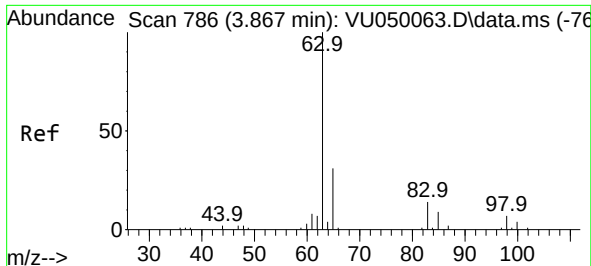
Tgt Ion: 43 Resp: 4140
Ion Ratio Lower Upper
43 100
58 30.4 0.0 64.0



#18
trans-1,2-Dichloroethene
Concen: 0.096 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

Tgt Ion: 96 Resp: 577
Ion Ratio Lower Upper
96 100
61 90.2 92.3 171.5#
98 35.7 43.2 80.2#

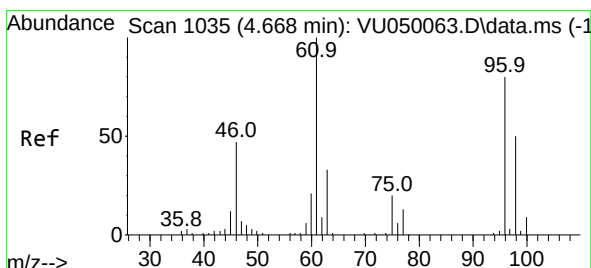
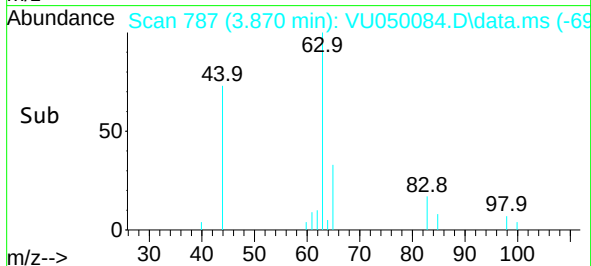
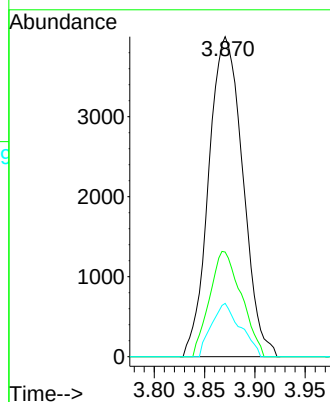
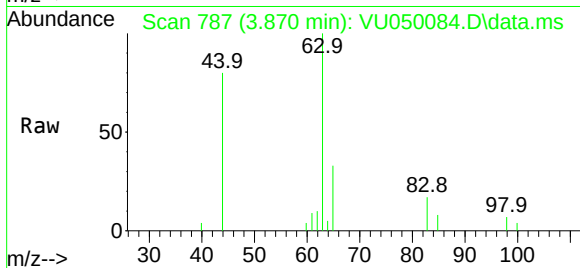




#19
1,1-Dichloroethane
Concen: 0.826 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

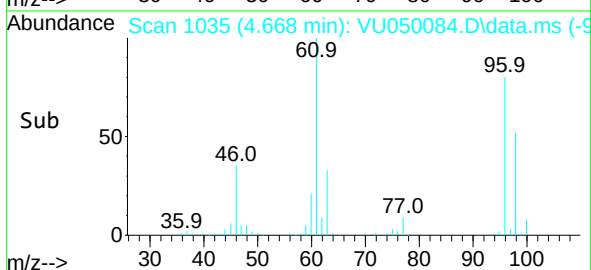
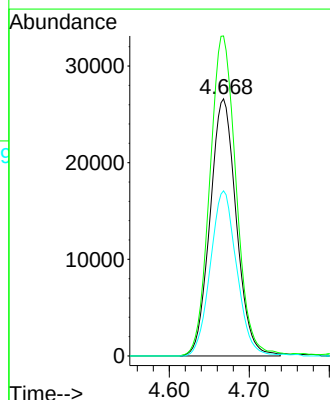
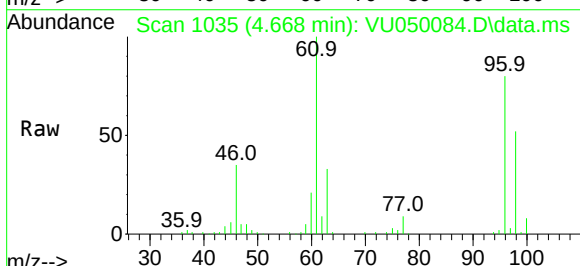
Instrument :
MSVOA_U
ClientSampleId :
GBJH2

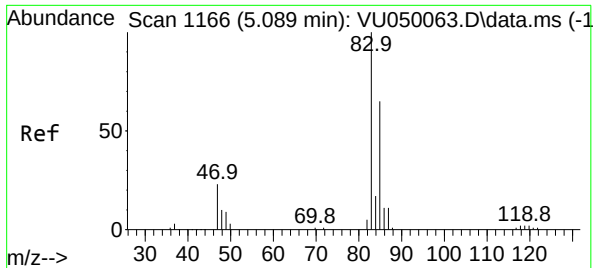
Tgt Ion: 63 Resp: 9423
Ion Ratio Lower Upper
63 100
65 32.7 22.7 42.3
83 16.7 9.8 18.2



#22
cis-1,2-Dichloroethene
Concen: 9.058 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

Tgt Ion: 96 Resp: 60549
Ion Ratio Lower Upper
96 100
61 124.4 89.0 165.4
98 64.2 45.2 84.0





#25

Chloroform

Concen: 5.413 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050084.D

Acq: 05 Aug 2022 00:39

Instrument :

MSVOA_U

ClientSampleId :

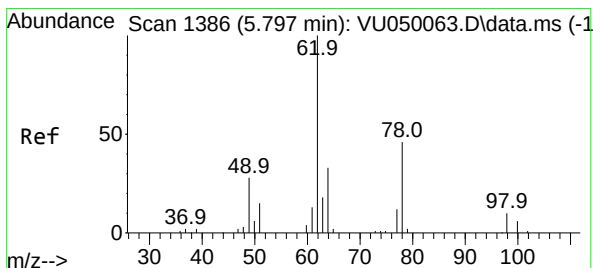
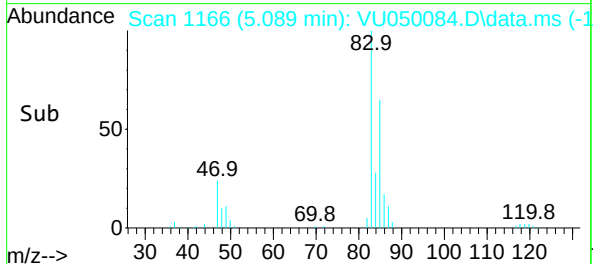
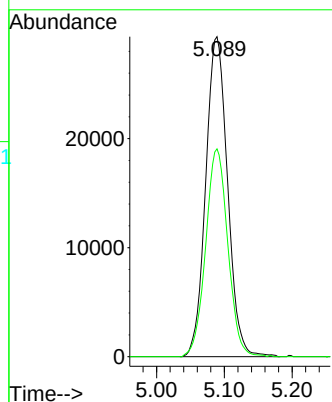
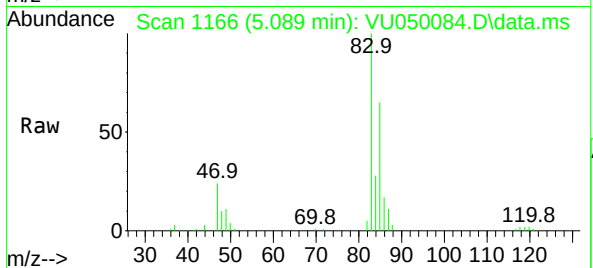
GBJH2

Tgt Ion: 83 Resp: 65816

Ion Ratio Lower Upper

83 100

85 64.9 46.1 85.5



#27

1,2-Dichloroethane

Concen: 0.380 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU050084.D

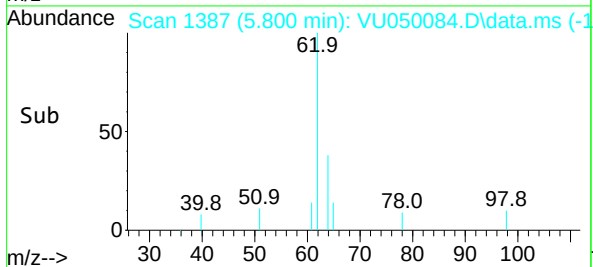
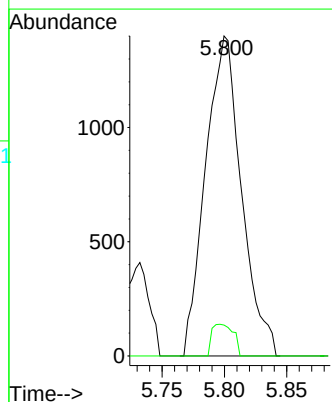
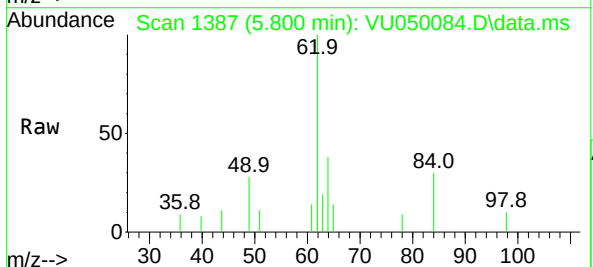
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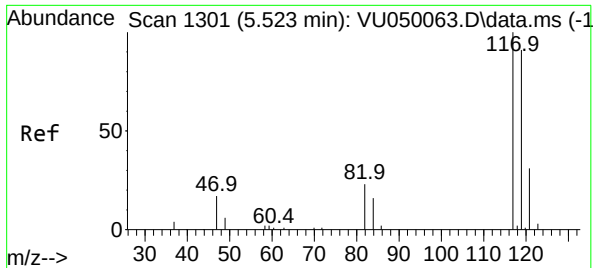
Tgt Ion: 62 Resp: 2809

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8

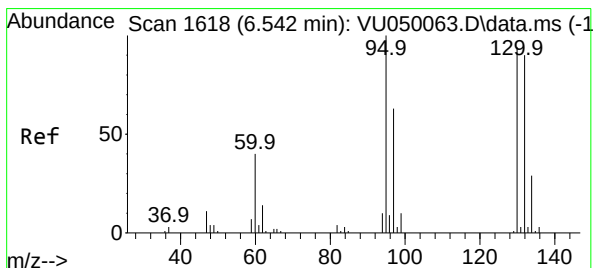
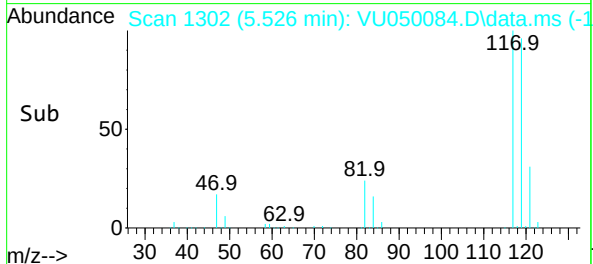
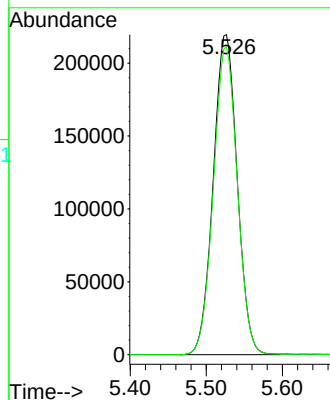
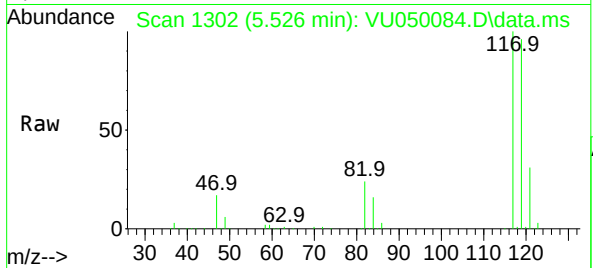




#31
Carbon tetrachloride
Concen: 59.883 ug/L
RT: 5.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

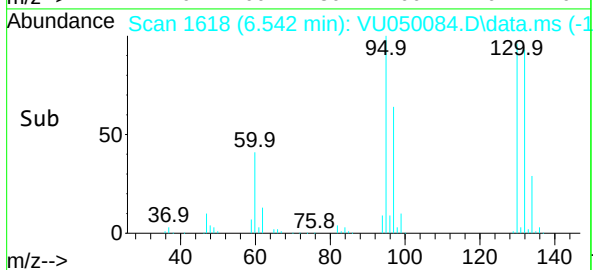
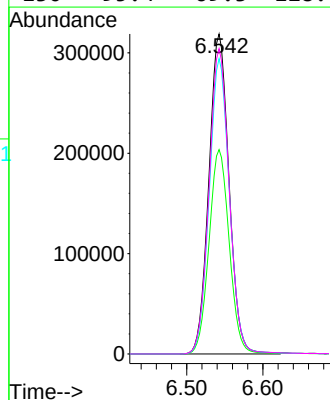
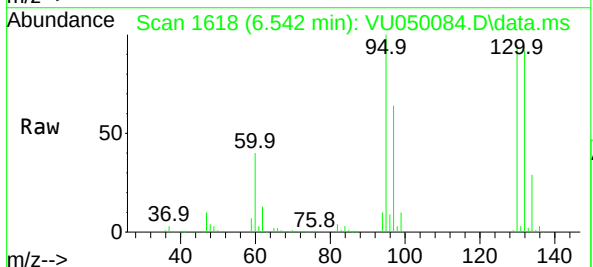
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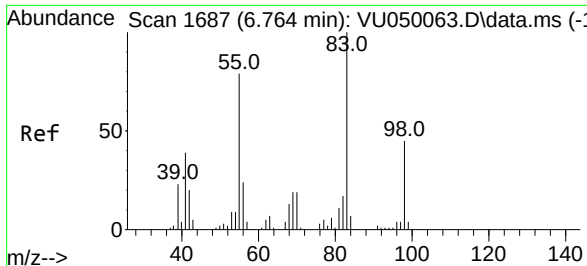
Tgt Ion:117 Resp: 479719
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0



#34
Trichloroethene
Concen: 86.927 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

Tgt Ion: 95 Resp: 586805
Ion Ratio Lower Upper
95 100
97 63.8 45.6 84.8
132 92.3 65.0 120.6
130 95.4 69.3 128.7

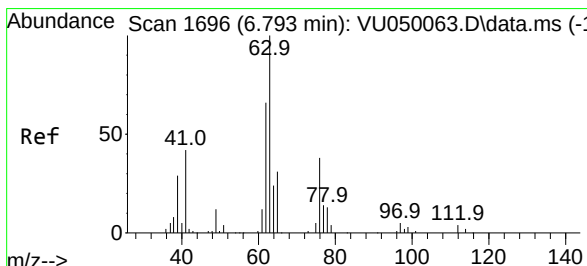
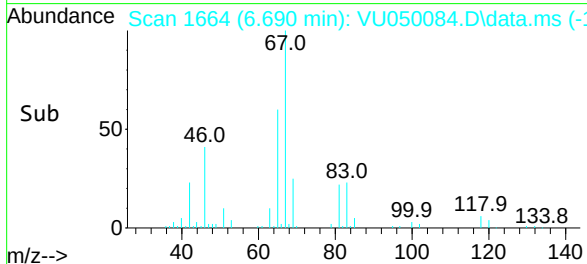
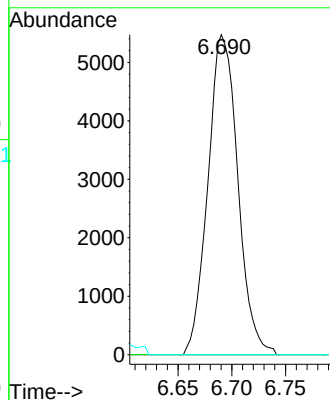
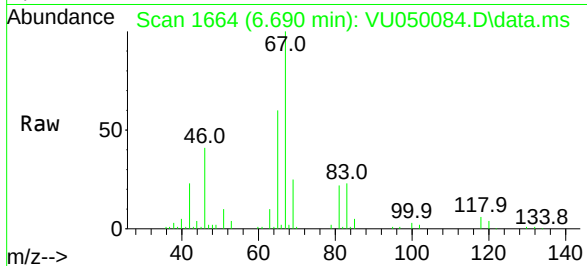




#35
Methylcyclohexane
Concen: 1.217 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

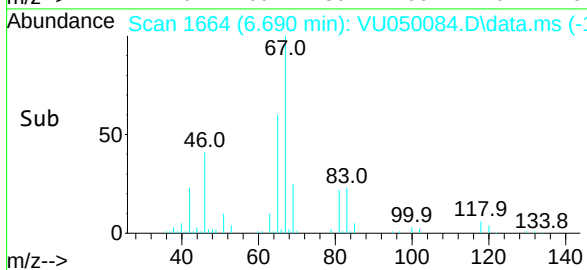
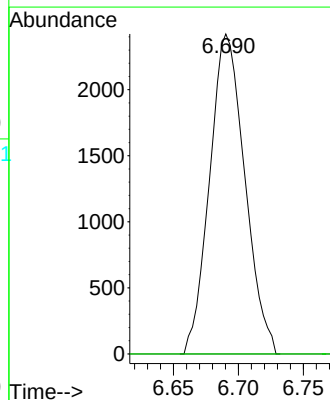
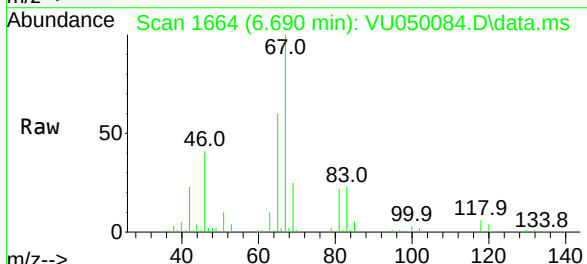
Instrument :
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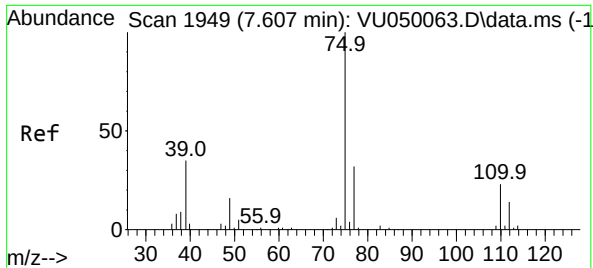
Tgt Ion: 83 Resp: 10602
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 4.0 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.614 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

Tgt Ion: 63 Resp: 4564
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050084.D

Acq: 05 Aug 2022 00:39

Instrument :

MSVOA_U

ClientSampleId :

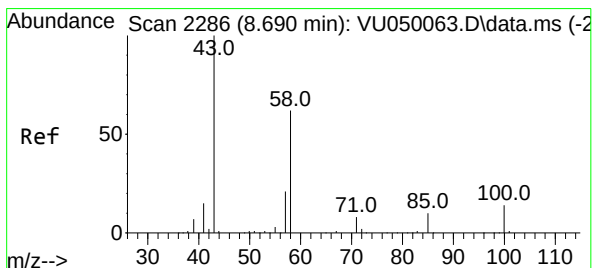
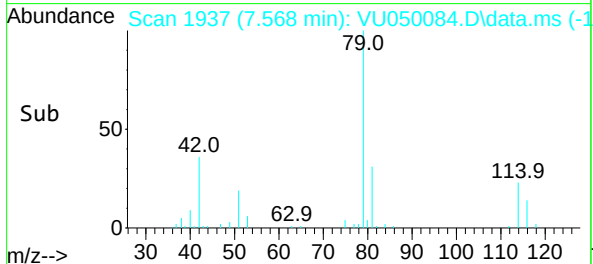
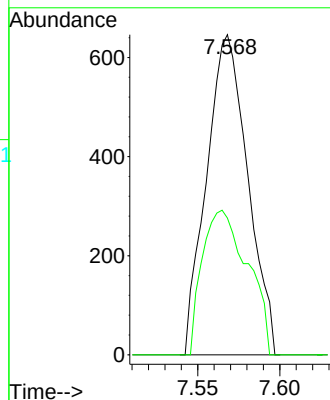
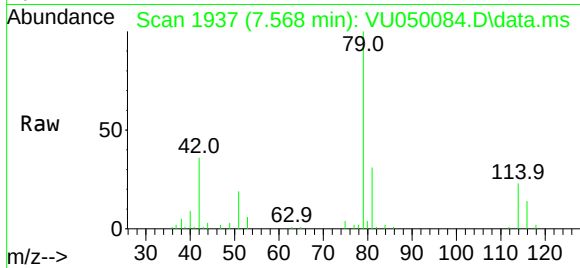
GBJH2

Tgt Ion: 75 Resp: 1127

Ion Ratio Lower Upper

75 100

77 42.7 21.8 40.4#



#48

2-Hexanone

Concen: 4.500 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU050084.D

Acq: 05 Aug 2022 00:39

Tgt Ion: 43 Resp: 14989

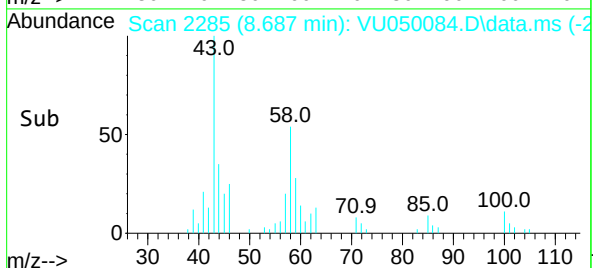
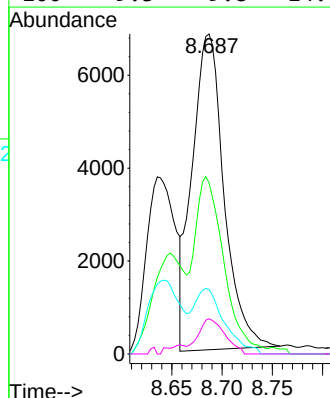
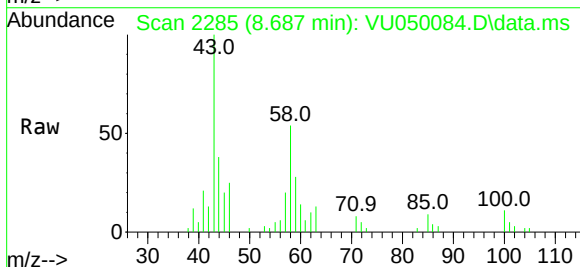
Ion Ratio Lower Upper

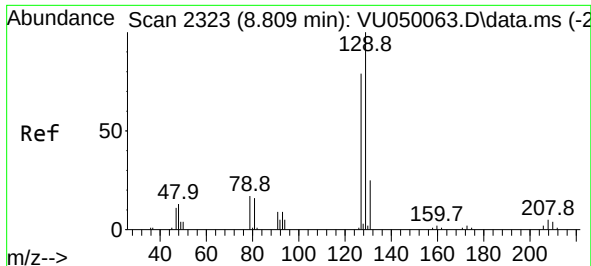
43 100

58 49.6 50.6 76.0#

57 20.4 16.0 24.0

100 9.3 9.8 14.8#

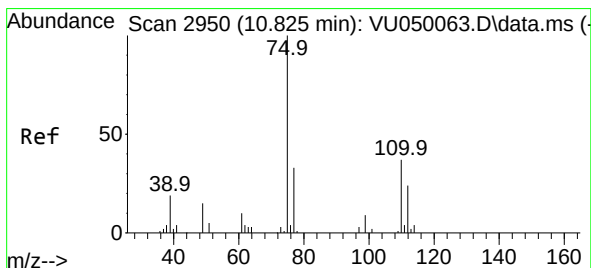
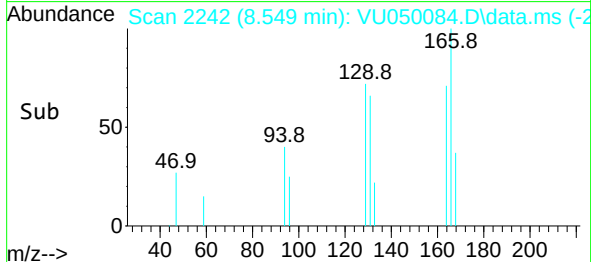
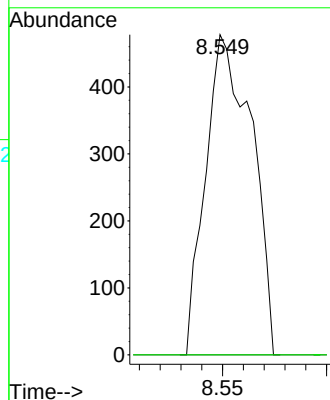
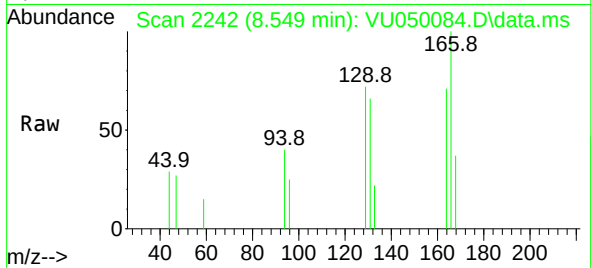




#49
Dibromochloromethane
Concen: 0.120 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

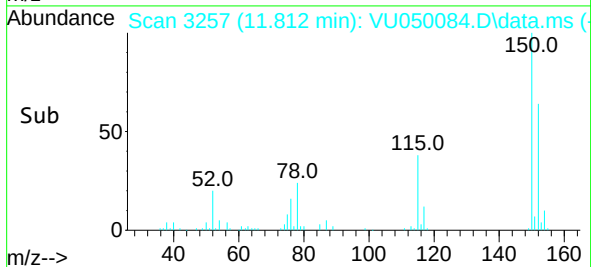
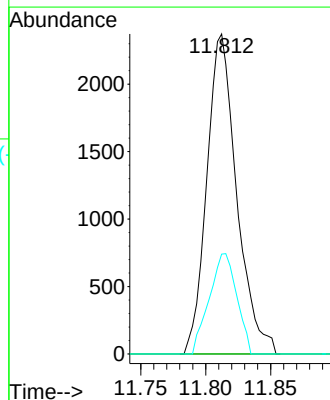
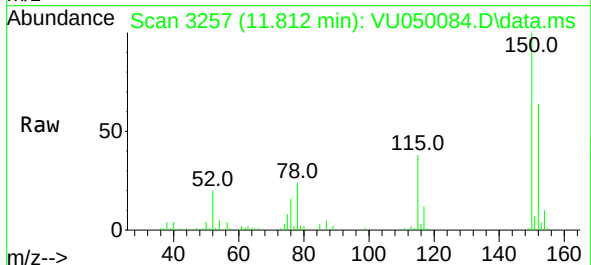
Instrument :
MSVOA_U
ClientSampleId :
GBJH2

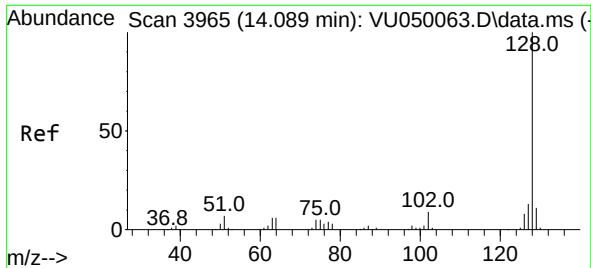
Tgt Ion:129 Resp: 737
Ion Ratio Lower Upper
129 100
127 0.0 55.3 102.7#



#61
1,2,3-Trichloropropane
Concen: 0.911 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

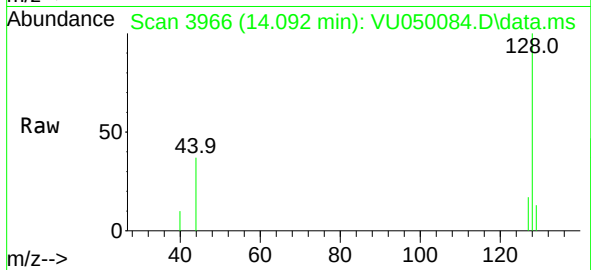
Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 28.7 25.8 38.6





#71
Naphthalene
Concen: 0.192 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050084.D
Acq: 05 Aug 2022 00:39

Instrument :
MSVOA_U
ClientSampleId :
GBJH2



Tgt Ion:128 Resp: 2190
Ion Ratio Lower Upper
128 100
129 4.7 8.6 12.8#
127 8.3 10.6 16.0#

