

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047010.D
 Acq On : 02 Feb 2022 18:40
 Operator : SY/MD
 Sample : N1349-03 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP2

Quant Time: Feb 03 03:02:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

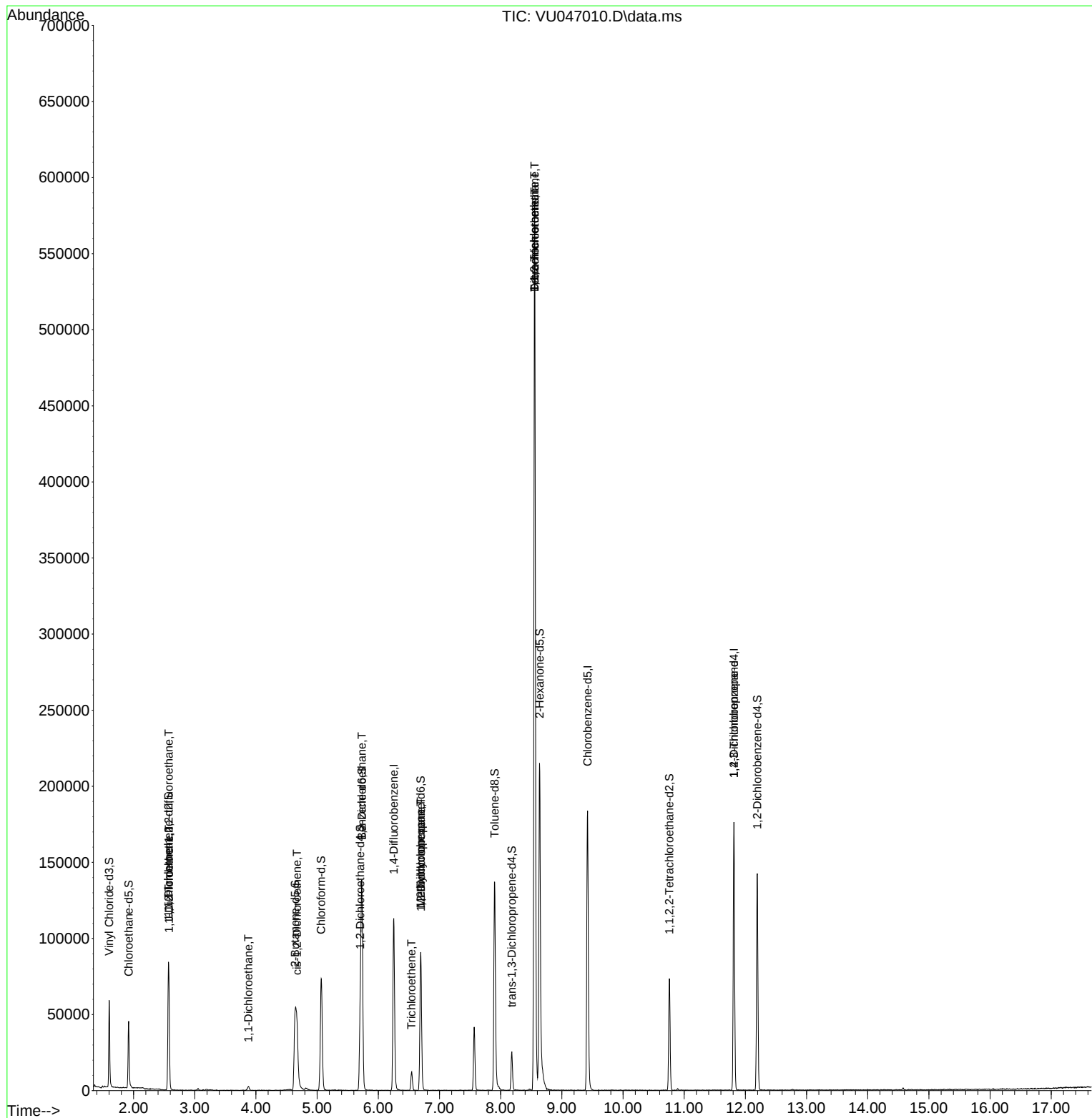
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42409	5.379	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.600%
7) Chloroethane-d5	1.919	69	33802	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.572	65	16357	5.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.400%
20) 2-Butanone-d5	4.639	46	98978	42.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.760%
24) Chloroform-d	5.067	84	69405	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.703	65	36571	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.732	84	132765	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	43964	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	101789	3.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.400%#
43) trans-1,3-Dichloroprop...	8.182	79	15198	3.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.636	63	76044	29.966	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37225	3.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	37662	4.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	405	0.074	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	630	0.121	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	3538	0.375	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	12032	2.027	ug/L	96
27) 1,2-Dichloroethane	5.732	62	627	0.095	ug/L #	73
34) Trichloroethene	6.539	95	4476	0.662	ug/L	95
35) Methylcyclohexane	6.694	83	10233	0.904	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4766	0.746	ug/L #	88
45) 1,1,2-Trichloroethane	8.552	97	1153	0.212	ug/L #	1
47) Tetrachloroethene	8.555	164	132670	24.130	ug/L	95
49) Dibromochloromethane	8.555	129	130330	20.332	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5787	1.474	ug/L #	67

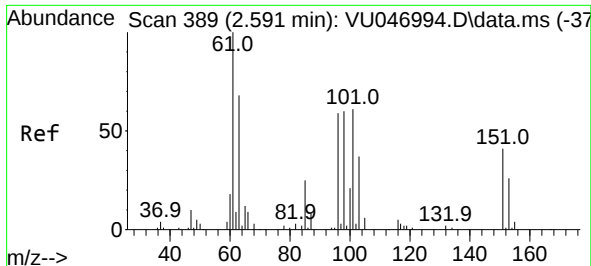
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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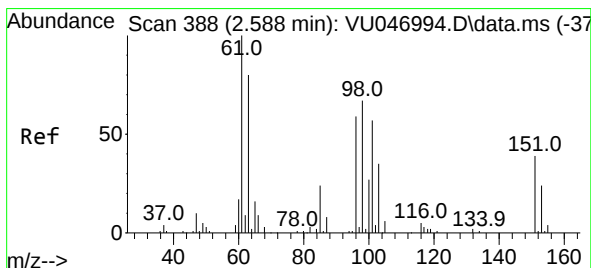
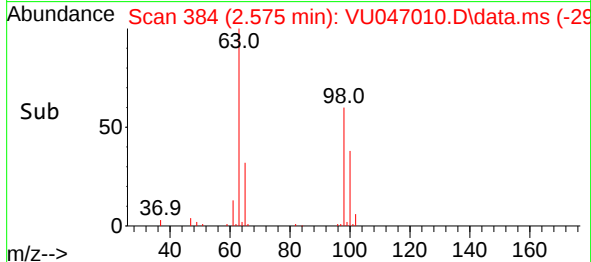
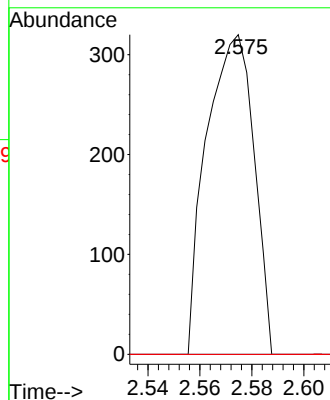
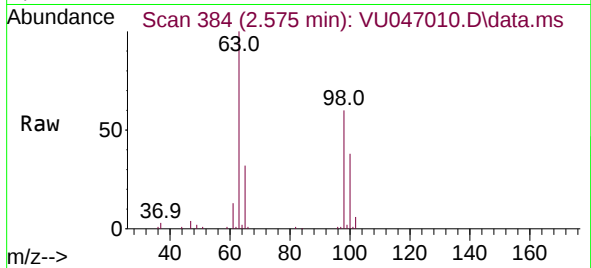




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU047010.D
 Acq: 02 Feb 2022 18:40

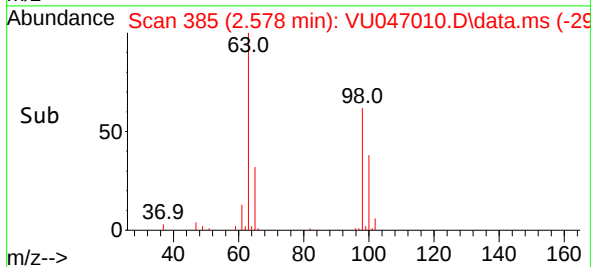
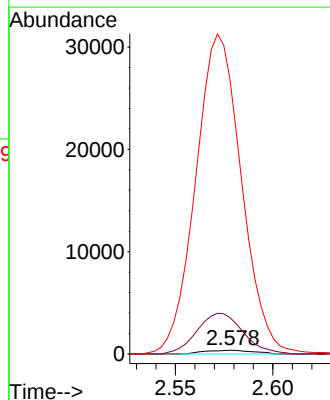
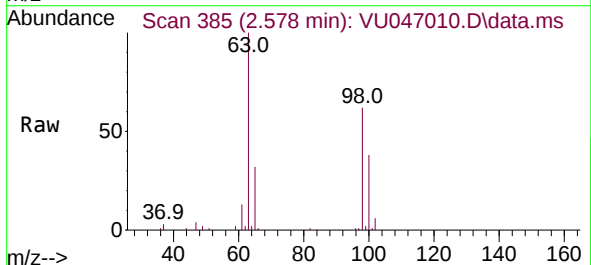
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP2

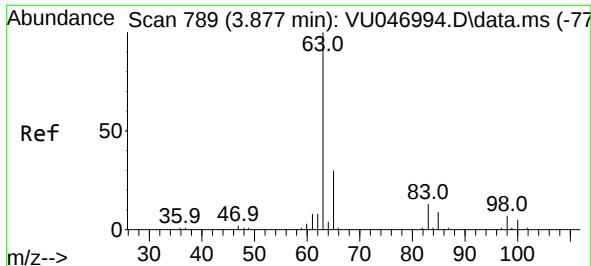
Tgt Ion:101 Resp: 405
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.121 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047010.D
 Acq: 02 Feb 2022 18:40

Tgt Ion: 96 Resp: 630
 Ion Ratio Lower Upper
 96 100
 61 1004.5 124.7 231.5#
 63 7579.7 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.375 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047010.D

Acq: 02 Feb 2022 18:40

Instrument :

MSVOA_U

ClientSampleId :

C0HP2

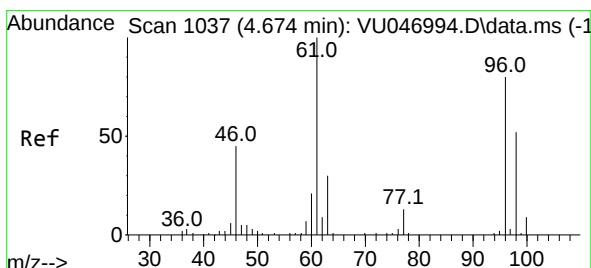
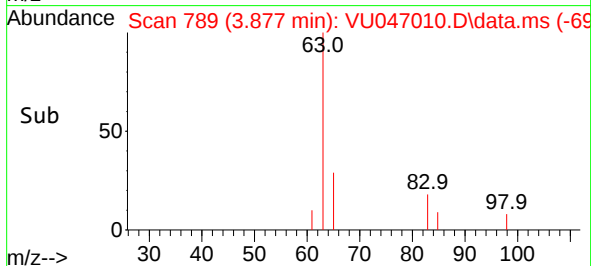
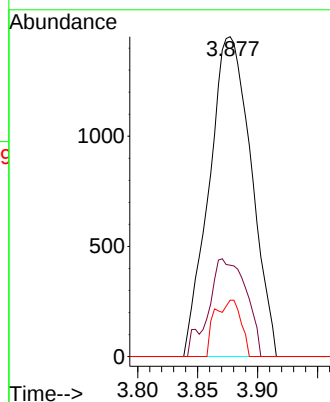
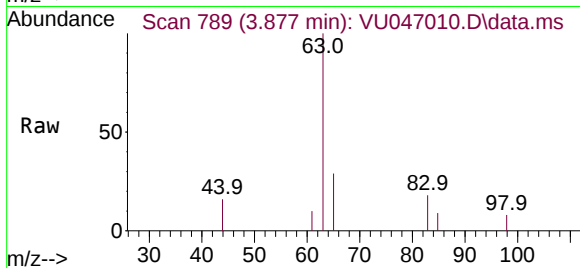
Tgt Ion: 63 Resp: 3538

Ion Ratio Lower Upper

63 100

65 28.6 22.3 41.5

83 17.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 2.027 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047010.D

Acq: 02 Feb 2022 18:40

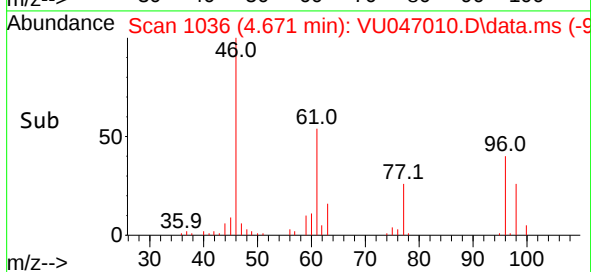
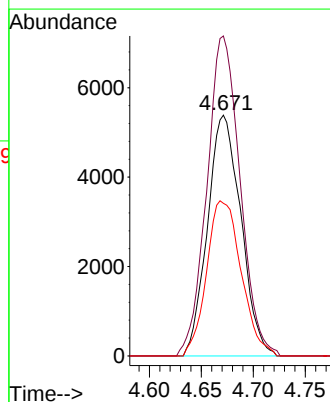
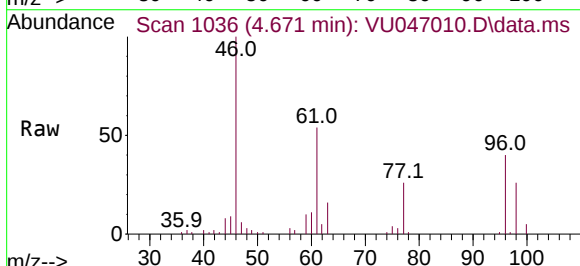
Tgt Ion: 96 Resp: 12032

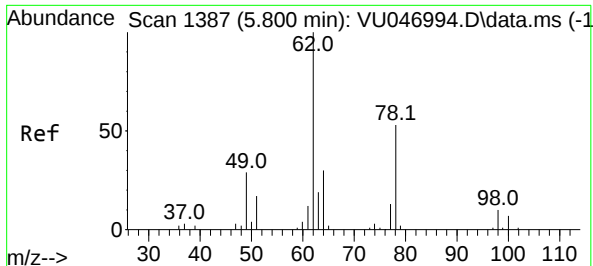
Ion Ratio Lower Upper

96 100

61 132.9 88.5 164.3

98 63.3 44.4 82.5

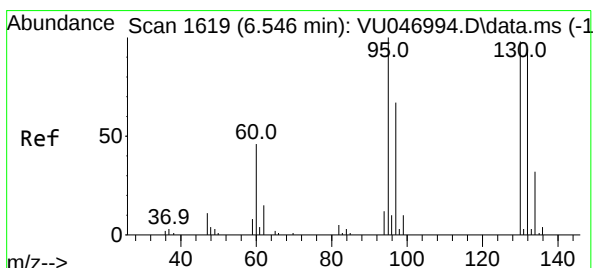
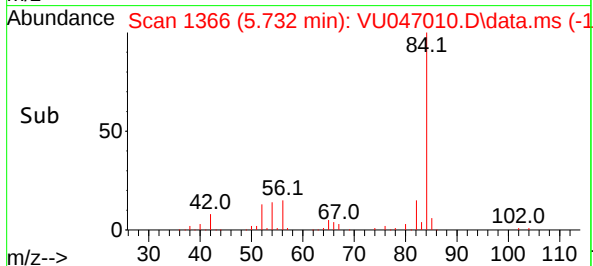
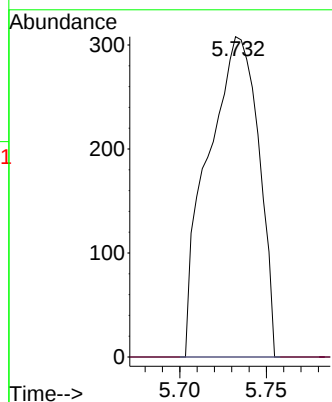
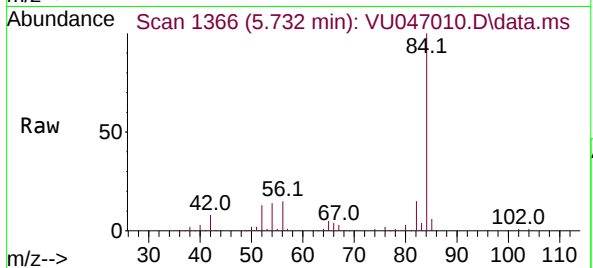




#27
1,2-Dichloroethane
Concen: 0.095 ug/L
RT: 5.732 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

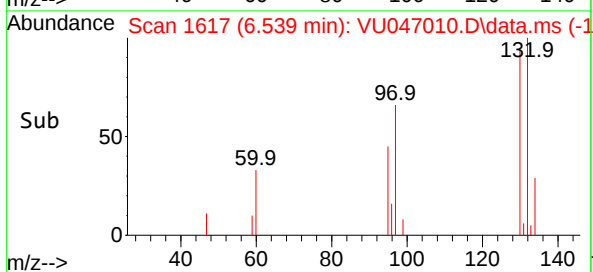
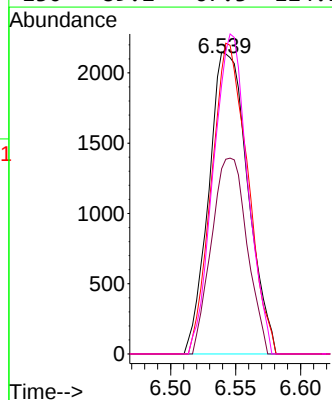
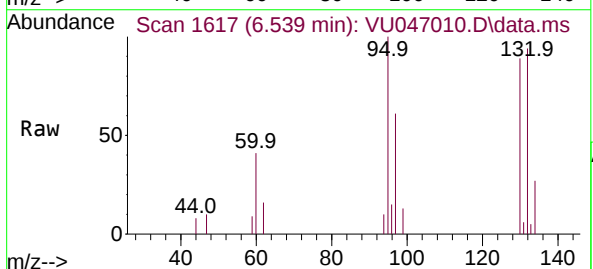
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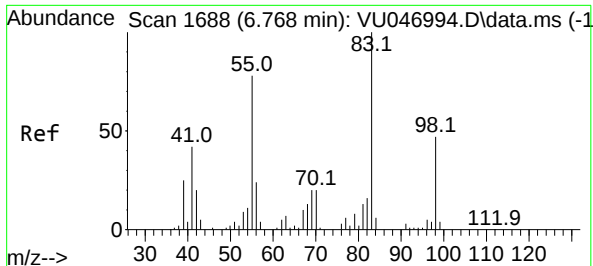
Tgt Ion: 62 Resp: 627
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#34
Trichloroethene
Concen: 0.662 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

Tgt Ion: 95 Resp: 4476
Ion Ratio Lower Upper
95 100
97 61.4 46.5 86.5
132 93.7 65.1 120.9
130 89.2 67.3 124.9

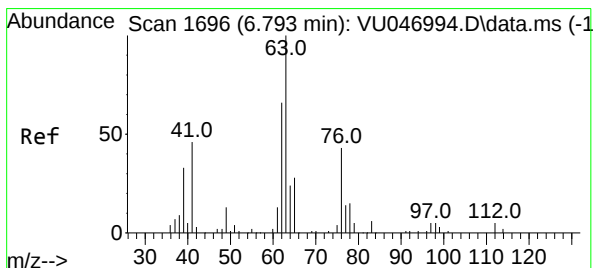
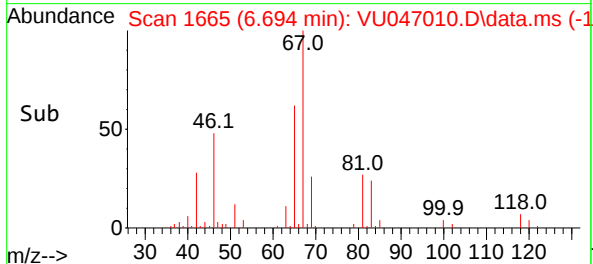
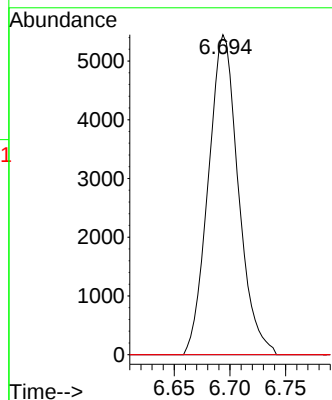
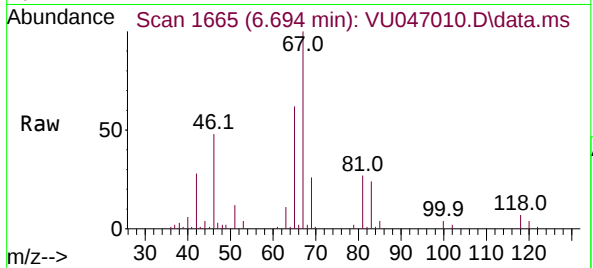




#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

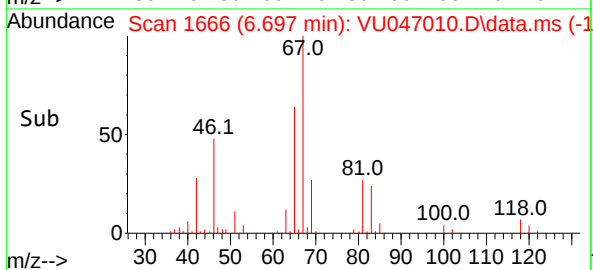
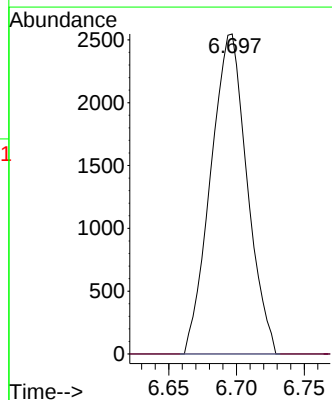
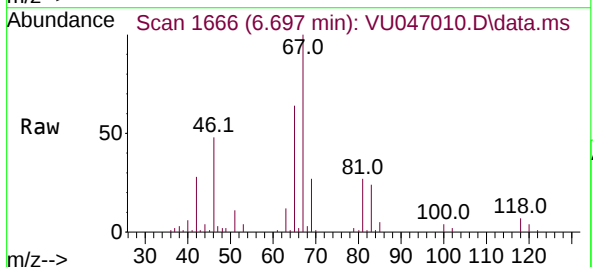
Instrument :
MSVOA_U
ClientSampleId :
C0HP2

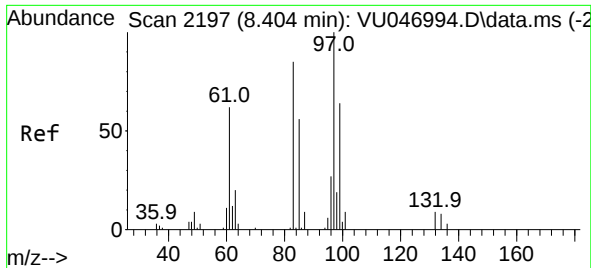
Tgt Ion: 83 Resp: 10233
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.097 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

Tgt Ion: 63 Resp: 4766
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



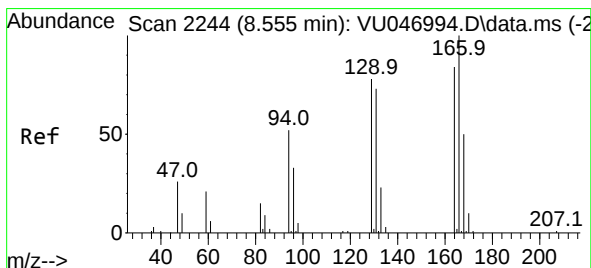
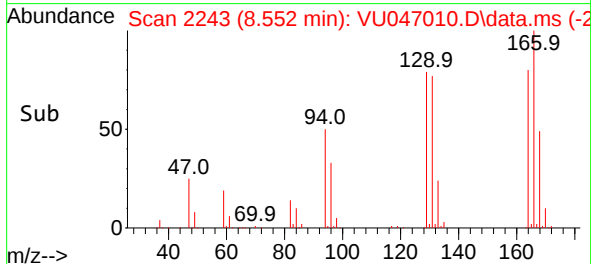
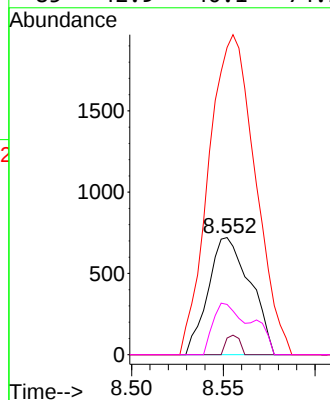
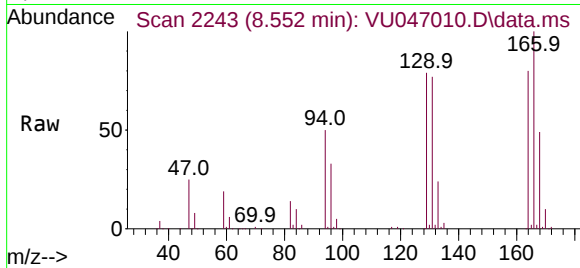


#45
1,1,2-Trichloroethane
Concen: 0.212 ug/L
RT: 8.552 min Scan# 2197
Delta R.T. 0.148 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

Instrument :
MSVOA_U
ClientSampleId :
C0HP2

Tgt Ion: 97 Resp: 1153

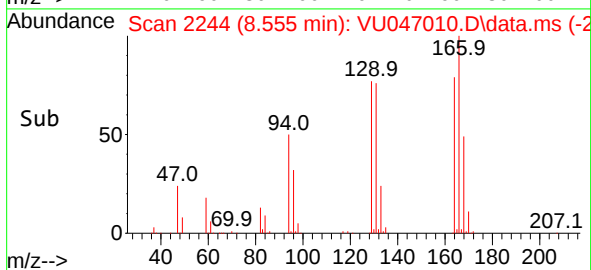
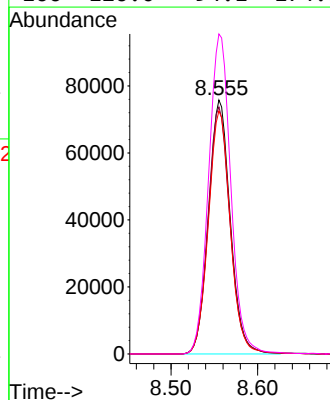
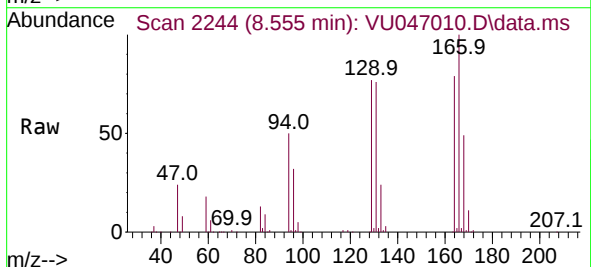
Ion	Ratio	Lower	Upper
97	100		
99	14.1	42.3	78.5#
83	262.1	62.0	115.2#
85	42.9	40.1	74.5

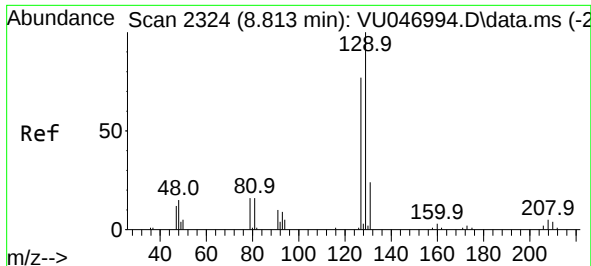


#47
Tetrachloroethene
Concen: 24.130 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

Tgt Ion: 164 Resp: 132670

Ion	Ratio	Lower	Upper
164	100		
129	97.3	71.8	133.4
131	95.7	68.5	127.3
166	126.0	94.1	174.8

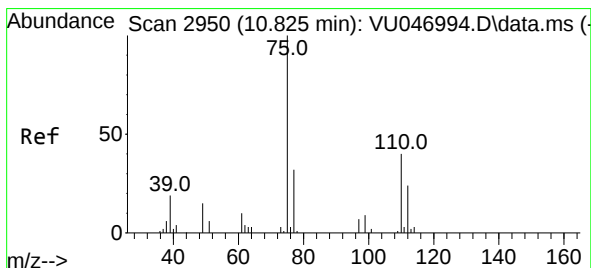
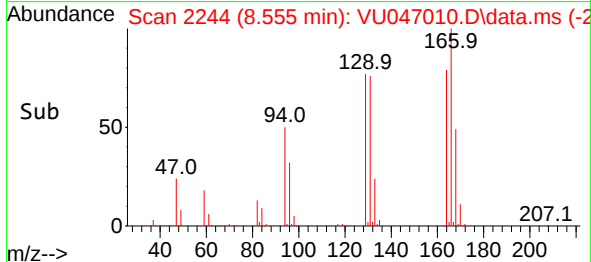
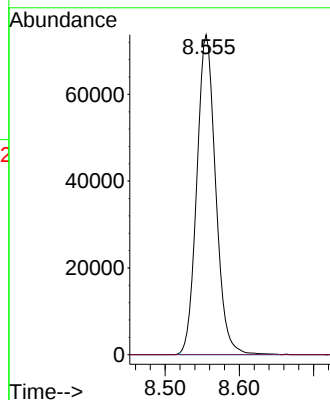
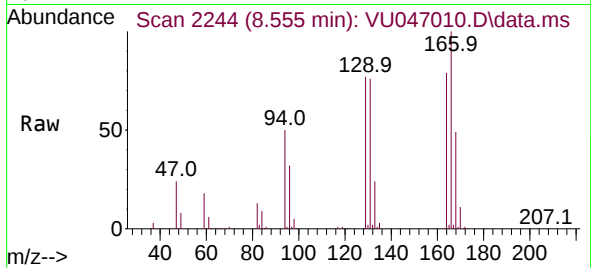




#49
Dibromochloromethane
Concen: 20.332 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047010.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:129 Resp: 130330
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.474 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047010.D
Acq: 02 Feb 2022 18:40

Tgt Ion: 75 Resp: 5787
Ion Ratio Lower Upper
75 100
110 2.1 29.9 44.9#
77 33.4 25.5 38.3

