

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047006.D
 Acq On : 02 Feb 2022 17:04
 Operator : SY/MD
 Sample : N1349-02 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP1

Quant Time: Feb 03 03:01:45 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)

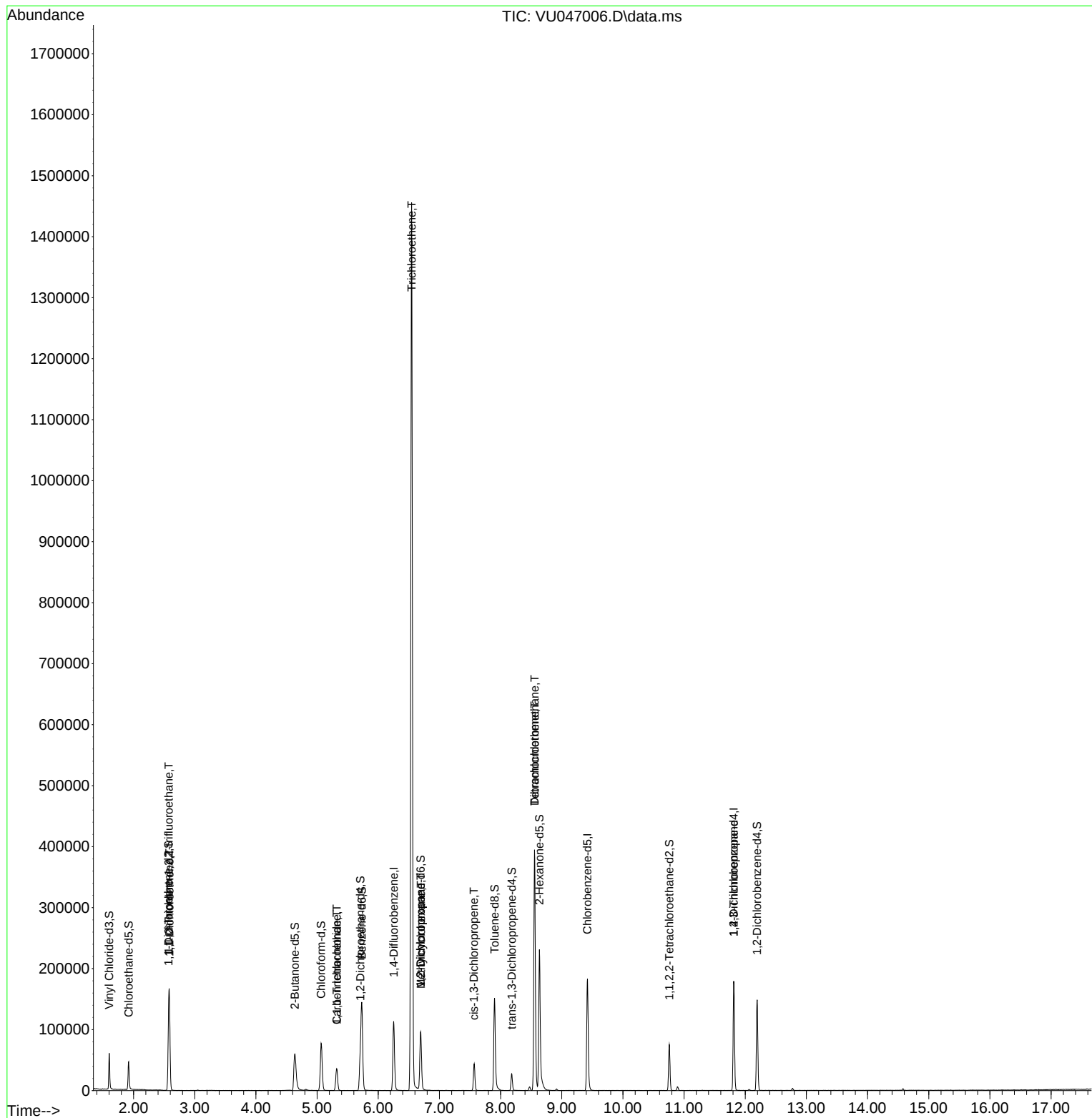
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	43379	5.438	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.800%		
7) Chloroethane-d5	1.919	69	35540	5.654	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.571	65	16091	5.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.400%		
20) 2-Butanone-d5	4.636	46	100502	42.525	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.060%		
24) Chloroform-d	5.067	84	72379	5.168	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.400%		
26) 1,2-Dichloroethane-d4	5.706	65	38620	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
32) Benzene-d6	5.732	84	139118	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.600%		
36) 1,2-Dichloropropane-d6	6.693	67	46553	4.766	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.400%		
41) Toluene-d8	7.902	98	110804	3.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 74.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15733	3.668	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 73.400%		
46) 2-Hexanone-d5	8.636	63	82650	32.540	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 65.080%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38037	3.879	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 77.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	38721	4.289	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 85.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	585	0.106	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	40340	7.674	ug/L #	76
29) 1,1,1-Trichloroethane	5.321	97	26028	2.611	ug/L	99
31) Carbon tetrachloride	5.324	117	3335	0.390	ug/L	95
34) Trichloroethene	6.546	95	504886	74.618	ug/L	99
35) Methylcyclohexane	6.697	83	10963	0.967	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4716	0.738	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1125	0.113	ug/L #	70
47) Tetrachloroethene	8.555	164	90367	16.421	ug/L	94
49) Dibromochloromethane	8.555	129	87379	13.619	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5909	1.449	ug/L #	63

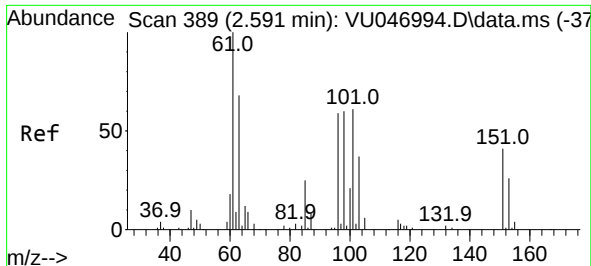
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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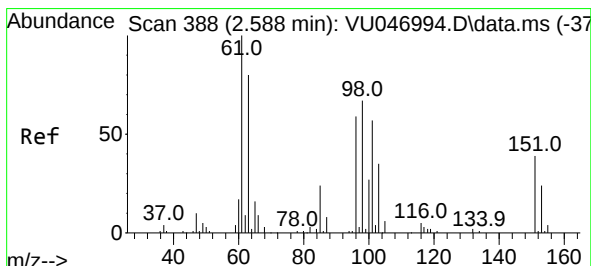
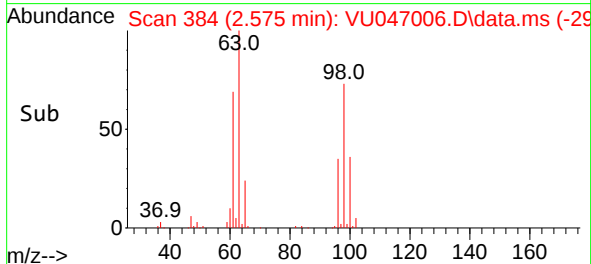
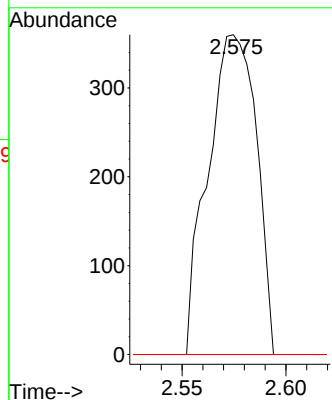
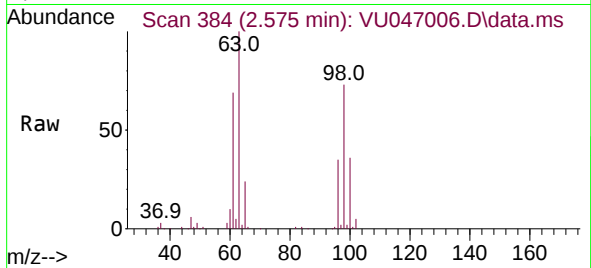




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.106 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04

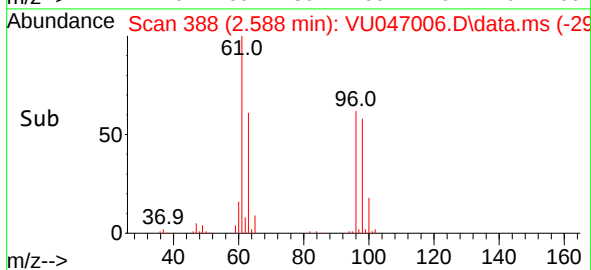
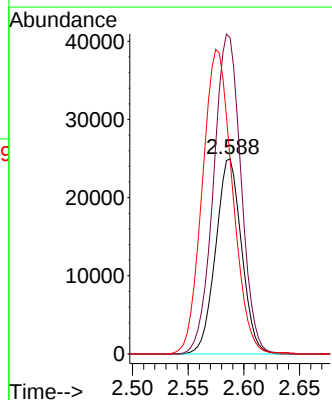
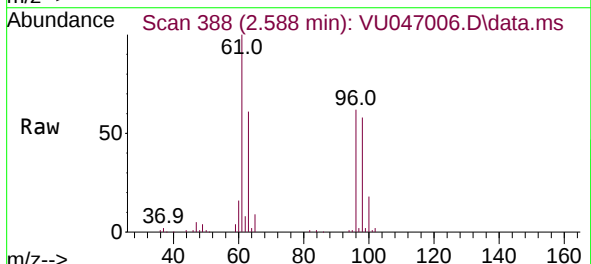
Instrument :
MSVOA_U
ClientSampleId :
COHP1

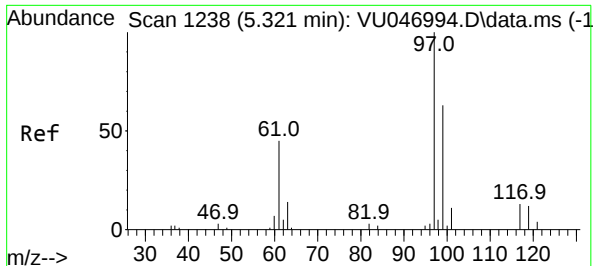
Tgt Ion:101 Resp: 585
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 7.674 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04

Tgt Ion: 96 Resp: 40340
Ion Ratio Lower Upper
96 100
61 162.1 124.7 231.5
63 99.5 105.2 195.4#





#29

1,1,1-Trichloroethane

Concen: 2.611 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047006.D

Acq: 02 Feb 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

C0HP1

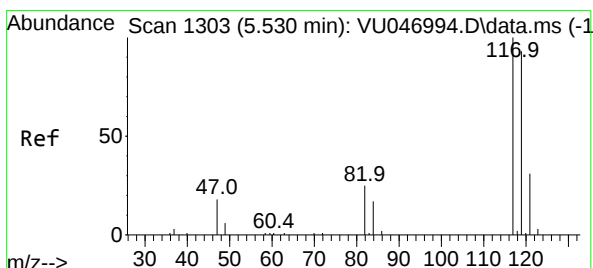
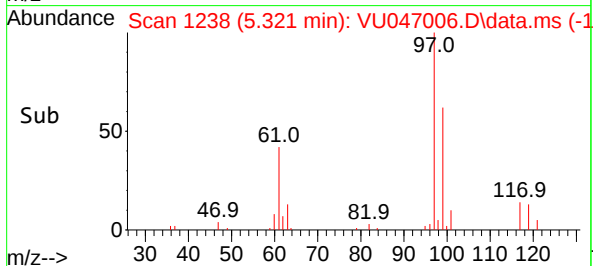
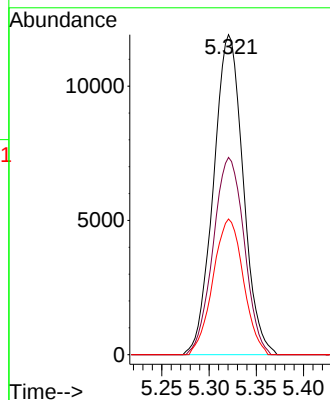
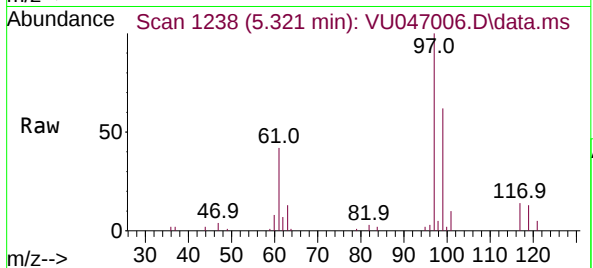
Tgt Ion: 97 Resp: 26028

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 43.4 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.390 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.206 min

Lab File: VU047006.D

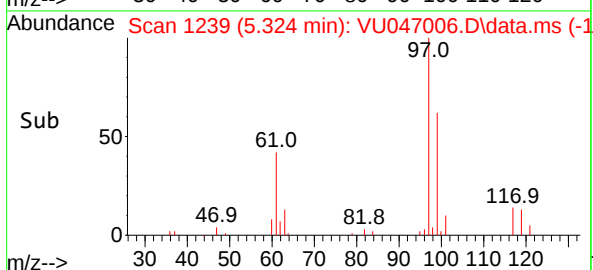
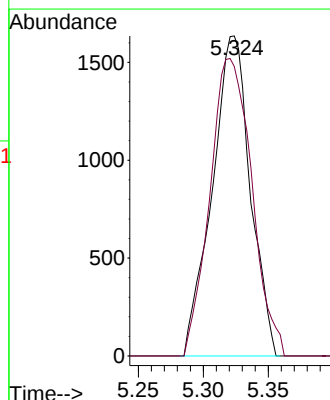
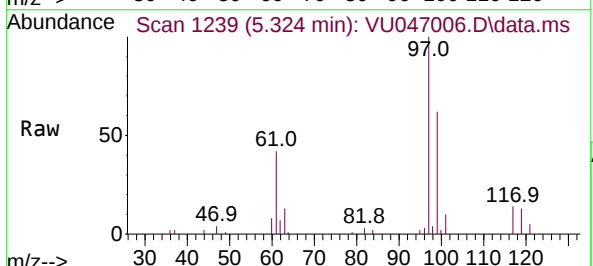
Acq: 02 Feb 2022 17:04

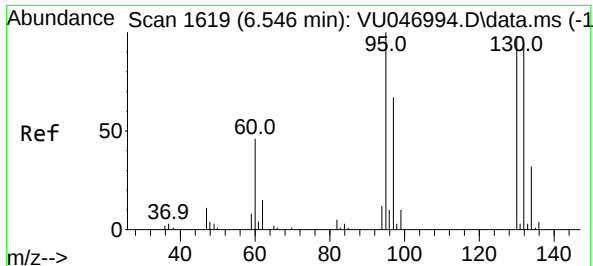
Tgt Ion: 117 Resp: 3335

Ion Ratio Lower Upper

117 100

119 102.2 77.5 116.3

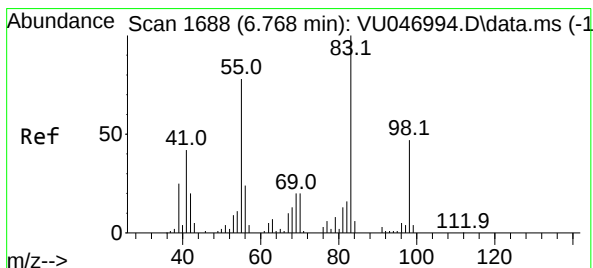
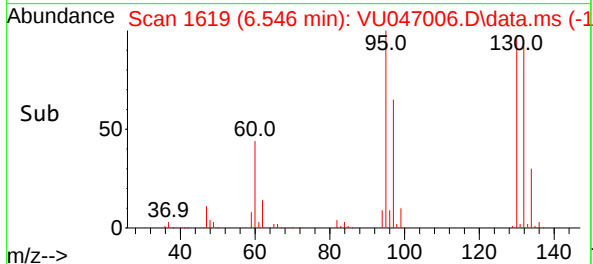
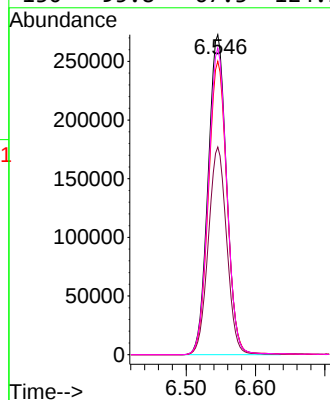
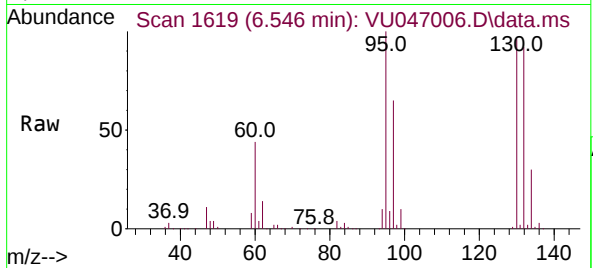




#34
Trichloroethene
Concen: 74.618 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04

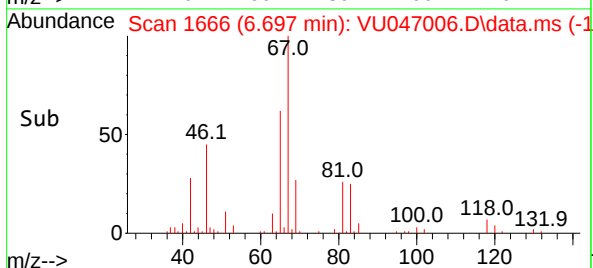
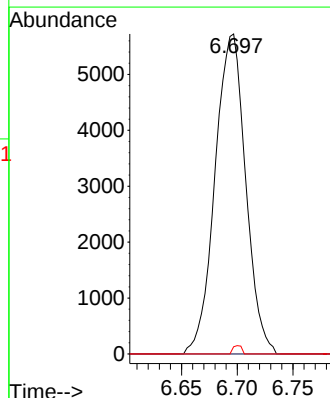
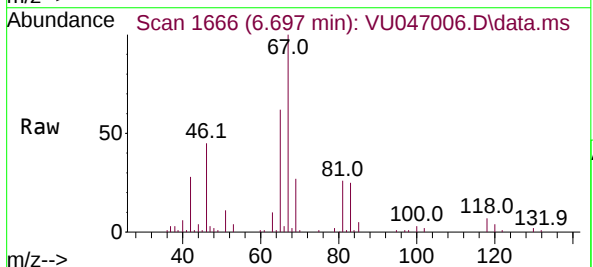
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C0HP1

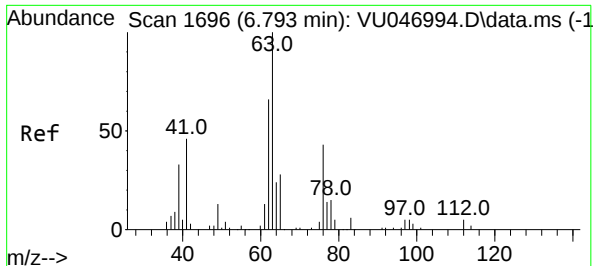
Tgt Ion: 95 Resp: 504886
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 91.7 65.1 120.9
130 95.8 67.3 124.9



#35
Methylcyclohexane
Concen: 0.967 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04

Tgt Ion: 83 Resp: 10963
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.738 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047006.D

Acq: 02 Feb 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

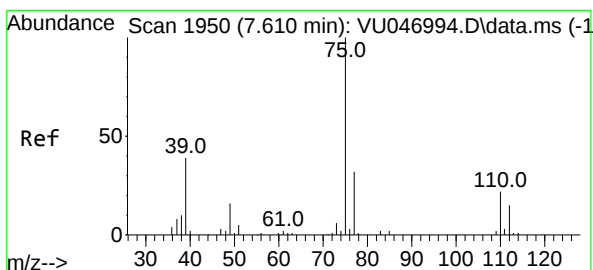
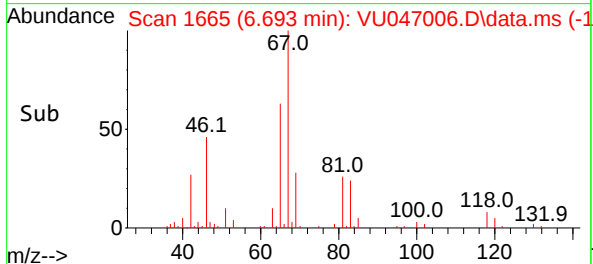
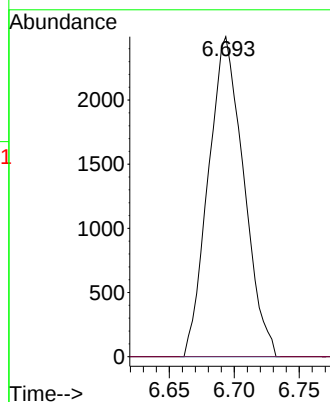
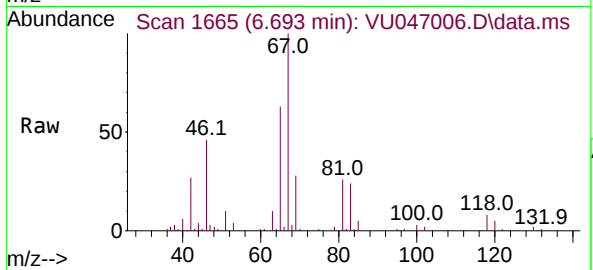
C0HP1

Tgt Ion: 63 Resp: 4716

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU047006.D

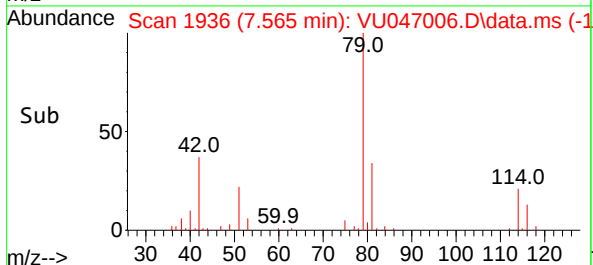
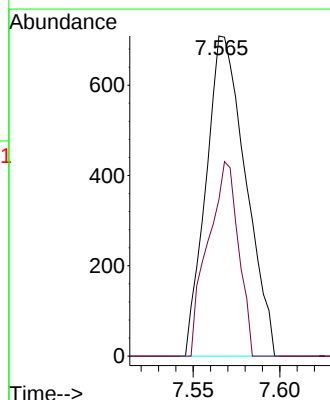
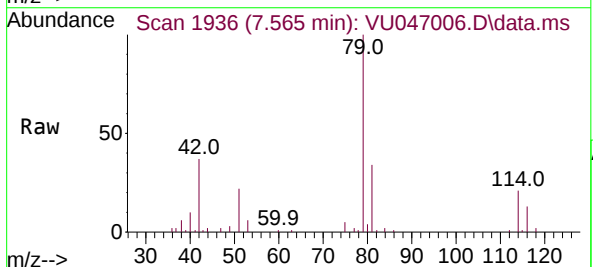
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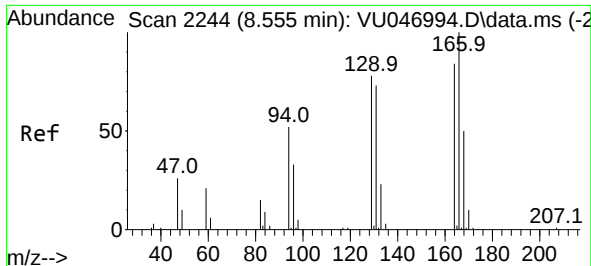
Tgt Ion: 75 Resp: 1125

Ion Ratio Lower Upper

75 100

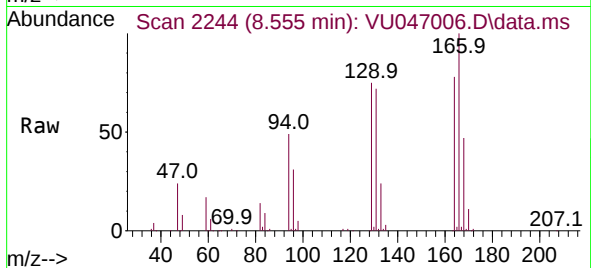
77 48.9 22.5 41.9#



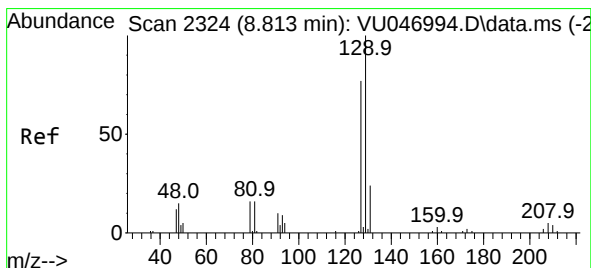
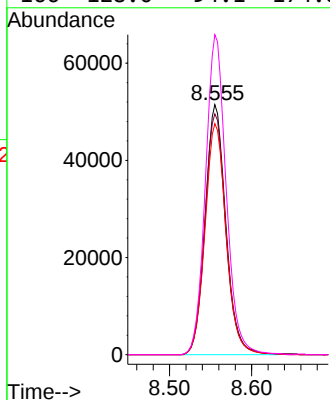
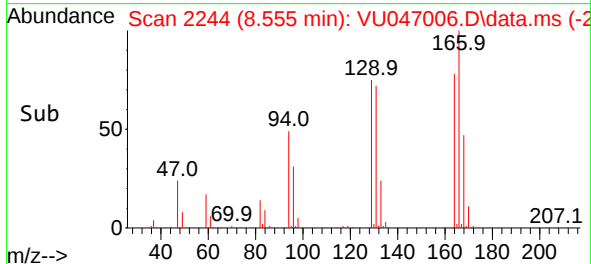


#47
Tetrachloroethene
Concen: 16.421 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04

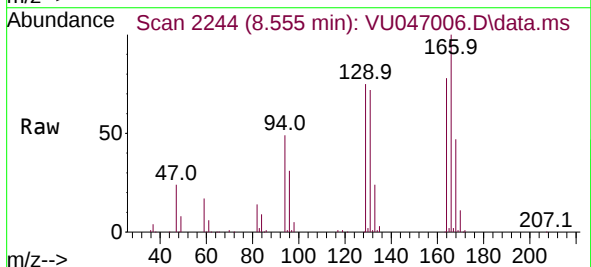
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C0HP1



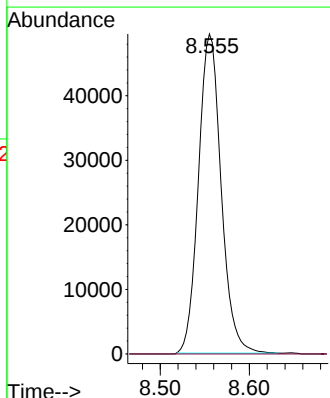
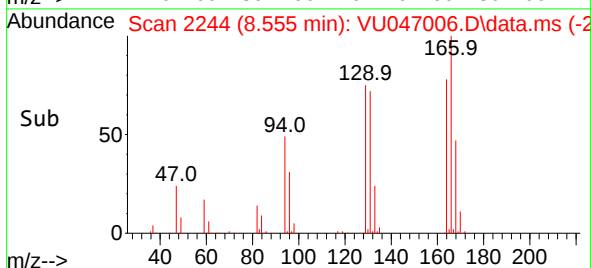
Tgt Ion:164 Resp: 90367
Ion Ratio Lower Upper
164 100
129 96.3 71.8 133.4
131 92.4 68.5 127.3
166 128.0 94.1 174.8

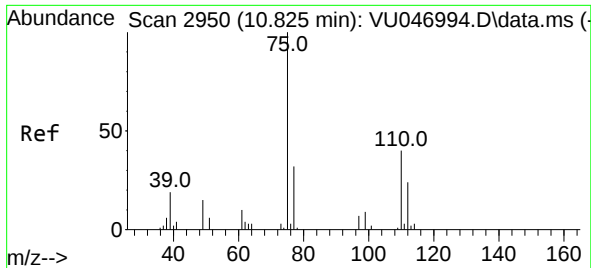


#49
Dibromochloromethane
Concen: 13.619 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047006.D
Acq: 02 Feb 2022 17:04



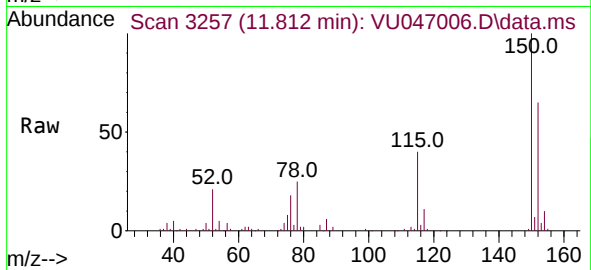
Tgt Ion:129 Resp: 87379
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.449 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047006.D
 Acq: 02 Feb 2022 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP1



Tgt Ion: 75 Resp: 5909
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 35.4 25.5 38.3

