

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046971.D
 Acq On : 01 Feb 2022 18:16
 Operator : SY/MD
 Sample : N1273-10DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK9DL

Quant Time: Feb 02 02:06:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

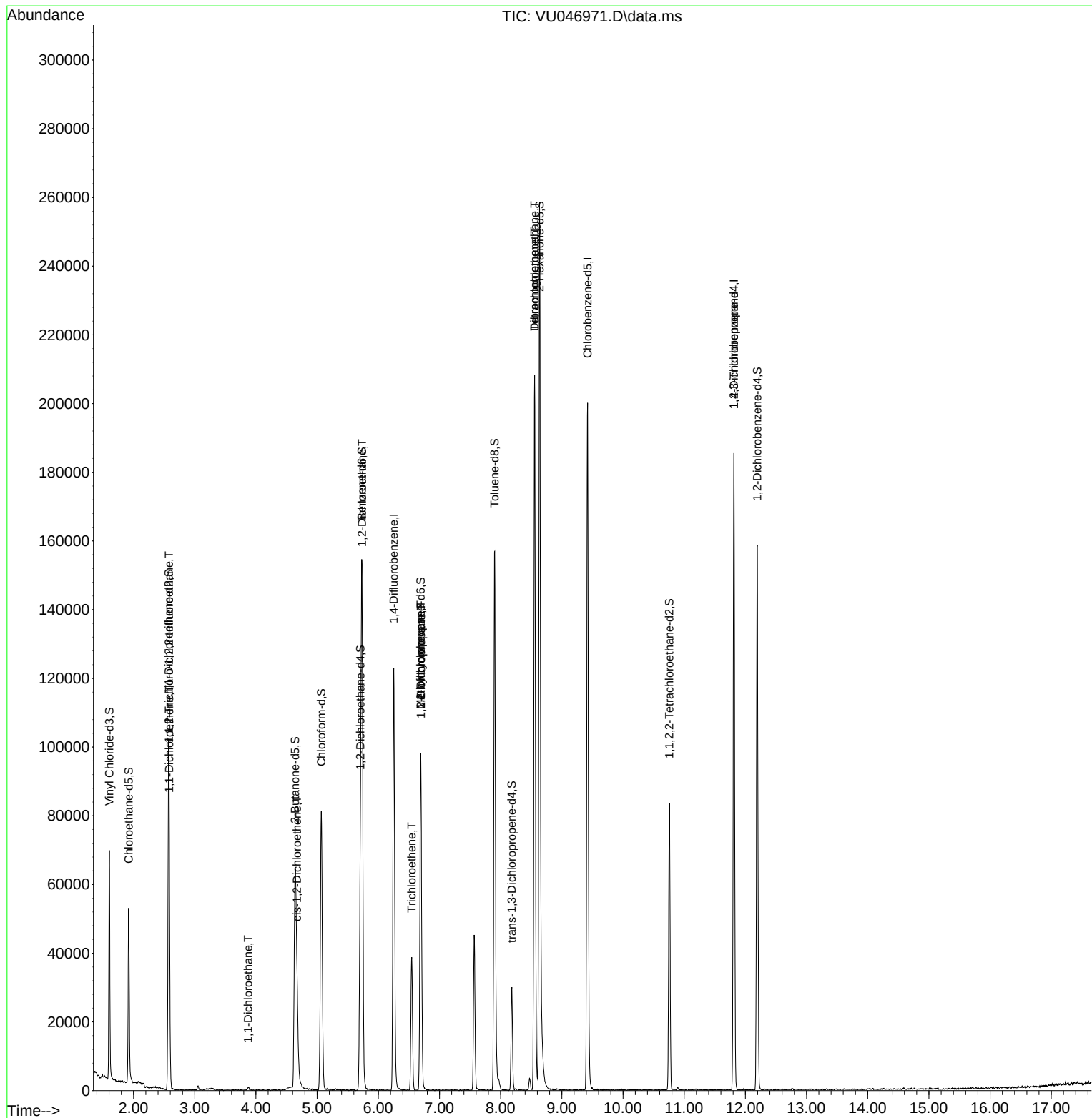
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101489	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	119729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50212	5.839	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 116.800%		
7) Chloroethane-d5	1.919	69	39172	5.781	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.600%		
11) 1,1-Dichloroethene-d2	2.575	65	18596	5.436	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 108.800%		
20) 2-Butanone-d5	4.642	46	114085	44.780	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.560%		
24) Chloroform-d	5.070	84	76892	5.093	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
26) 1,2-Dichloroethane-d4	5.706	65	41668	5.068	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.400%		
32) Benzene-d6	5.732	84	149458	4.247	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.000%		
36) 1,2-Dichloropropane-d6	6.694	67	48566	4.597	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.000%		
41) Toluene-d8	7.899	98	114250	3.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 71.000%		
43) trans-1,3-Dichloroprop...	8.182	79	17957	3.870	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 77.400%		
46) 2-Hexanone-d5	8.636	63	94018	34.221	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 68.440%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42864	4.041	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 80.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41341	4.436	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 88.800%		
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	485	0.082	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	4944	0.872	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1096	0.106	ug/L #	84
22) cis-1,2-Dichloroethene	4.671	96	5937	0.917	ug/L	97
27) 1,2-Dichloroethane	5.735	62	709	0.098	ug/L #	73
34) Trichloroethene	6.546	95	13857	1.893	ug/L	96
35) Methylcyclohexane	6.694	83	11568	0.944	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5012	0.725	ug/L #	88
47) Tetrachloroethene	8.555	164	47902	8.047	ug/L	97
49) Dibromochloromethane	8.555	129	46812	6.745	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6157	1.462	ug/L #	65

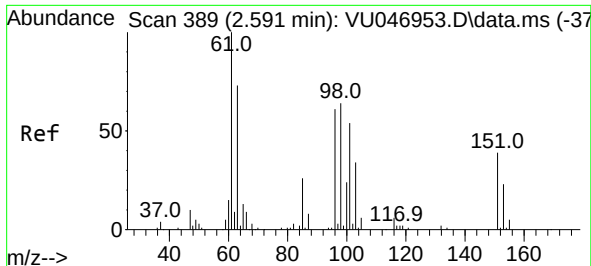
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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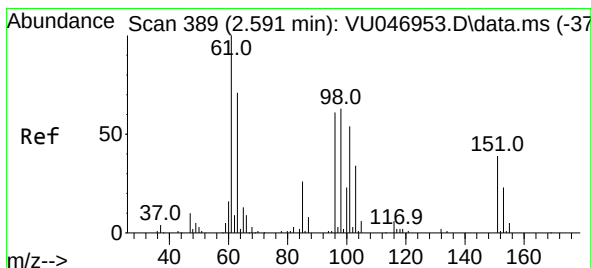
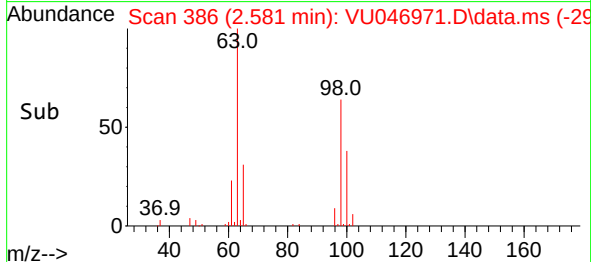
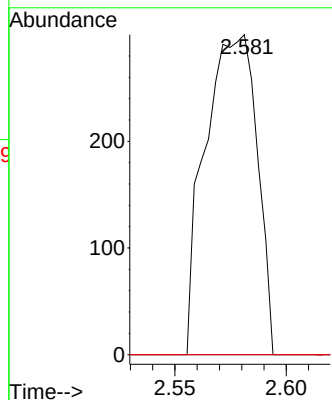
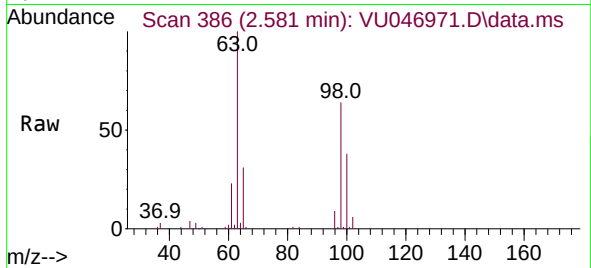




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.082 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.010 min
 Lab File: VU046971.D
 Acq: 01 Feb 2022 18:16

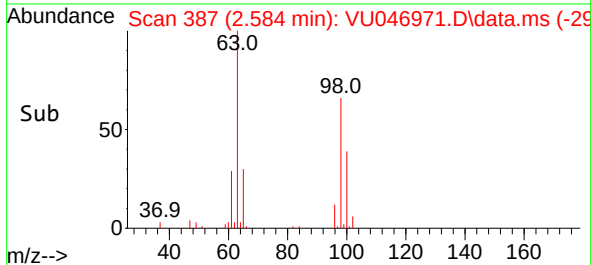
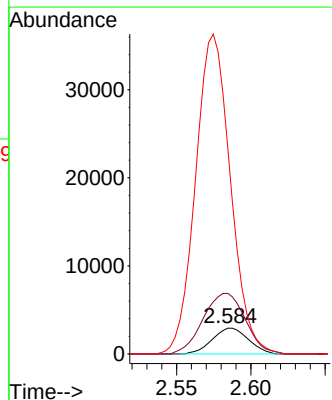
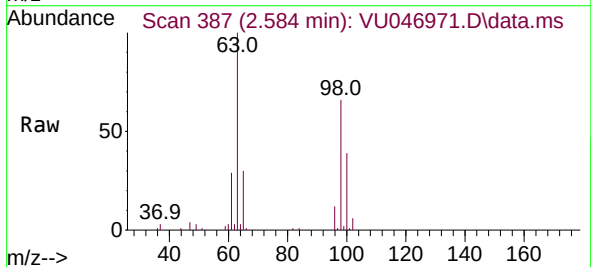
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK9DL

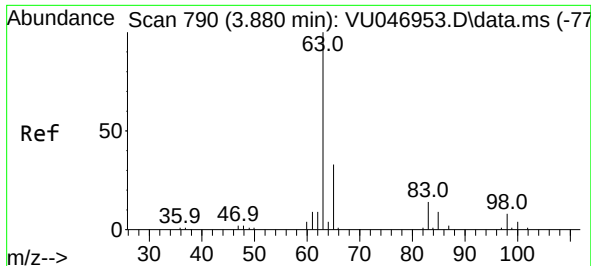
Tgt Ion:101 Resp: 485
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.872 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046971.D
 Acq: 01 Feb 2022 18:16

Tgt Ion: 96 Resp: 4944
 Ion Ratio Lower Upper
 96 100
 61 235.5 124.7 231.5#
 63 804.4 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.106 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.006 min

Lab File: VU046971.D

Acq: 01 Feb 2022 18:16

Instrument :

MSVOA_U

ClientSampleId :

C0HK9DL

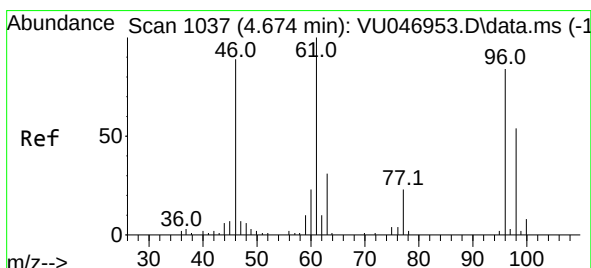
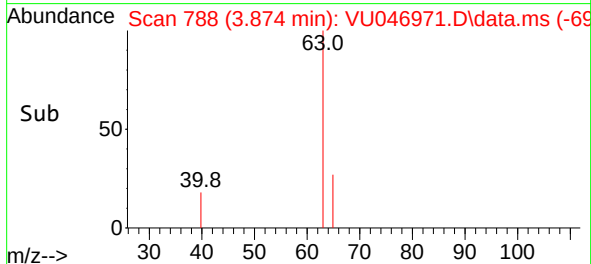
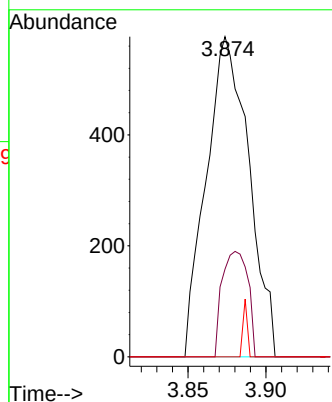
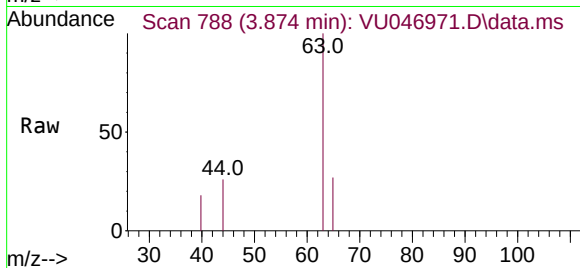
Tgt Ion: 63 Resp: 1096

Ion Ratio Lower Upper

63 100

65 27.4 22.3 41.5

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 0.917 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046971.D

Acq: 01 Feb 2022 18:16

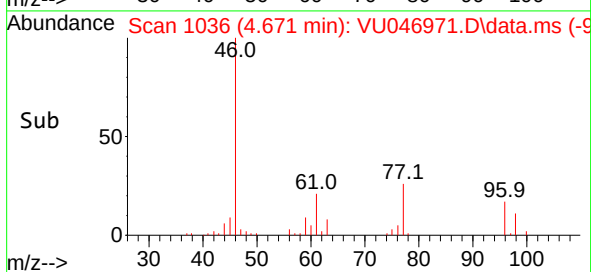
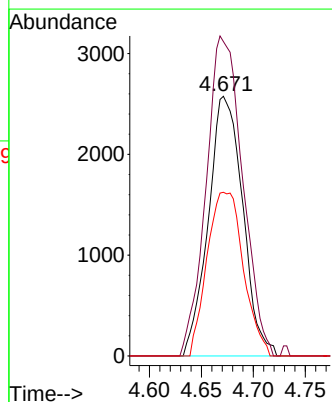
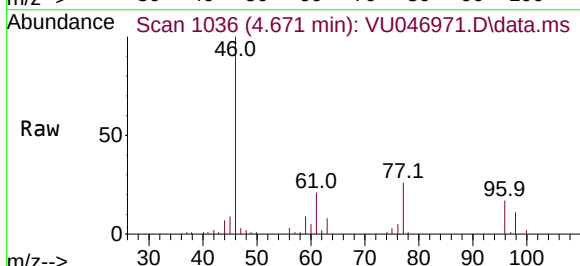
Tgt Ion: 96 Resp: 5937

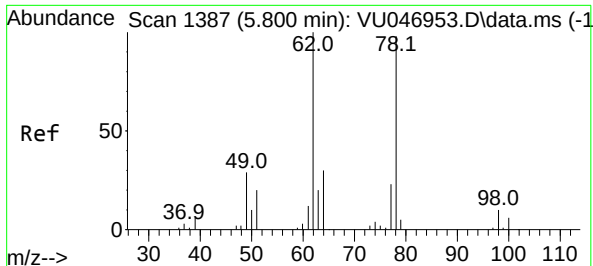
Ion Ratio Lower Upper

96 100

61 121.0 88.5 164.3

98 63.0 44.4 82.5

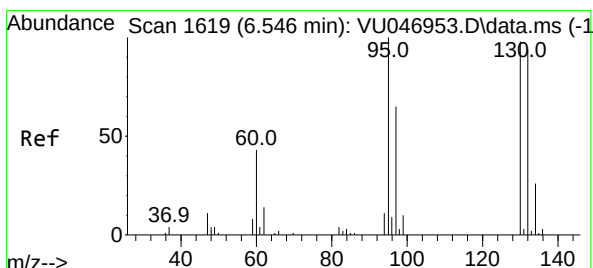
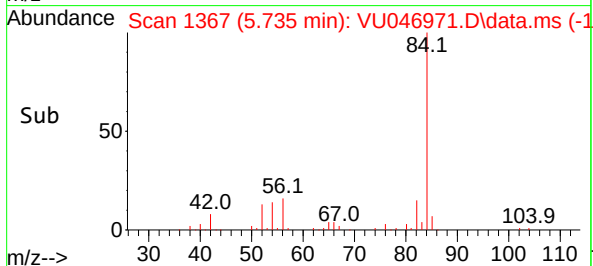
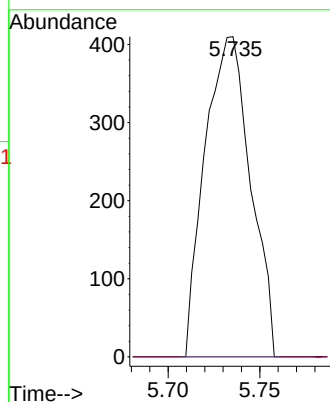
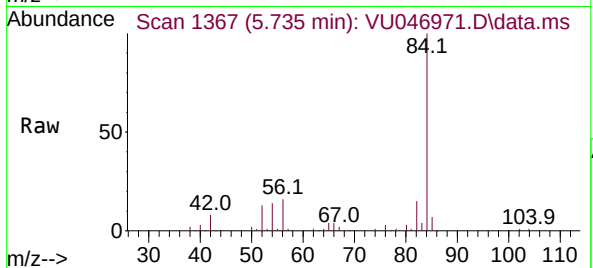




#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.735 min Scan# 11
Delta R.T. -0.064 min
Lab File: VU046971.D
Acq: 01 Feb 2022 18:16

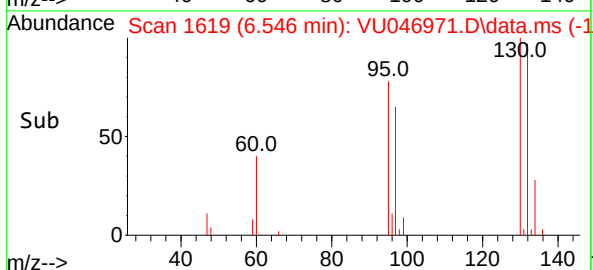
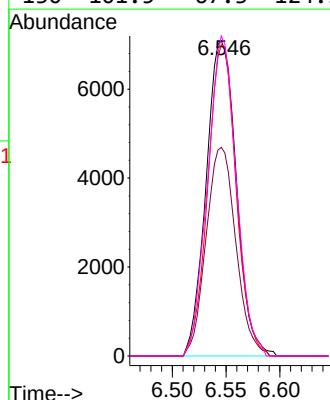
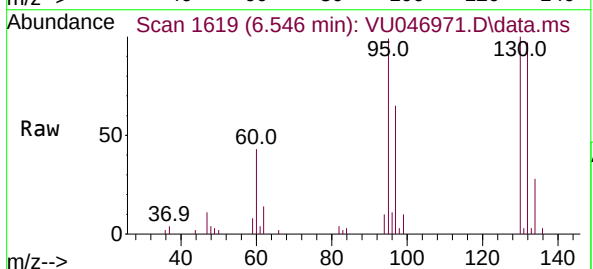
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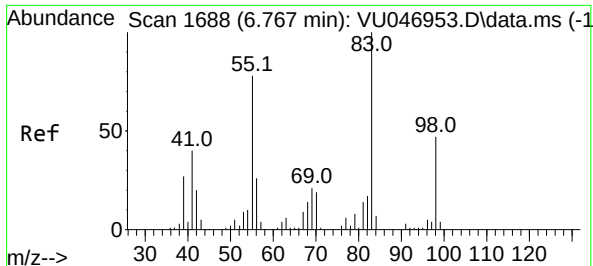
Tgt Ion: 62 Resp: 709
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#34
Trichloroethene
Concen: 1.893 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046971.D
Acq: 01 Feb 2022 18:16

Tgt Ion: 95 Resp: 13857
Ion Ratio Lower Upper
95 100
97 66.2 46.5 86.5
132 98.7 65.1 120.9
130 101.5 67.3 124.9

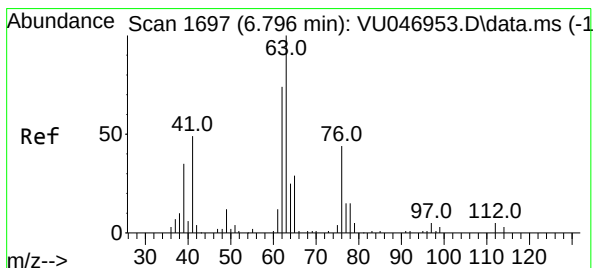
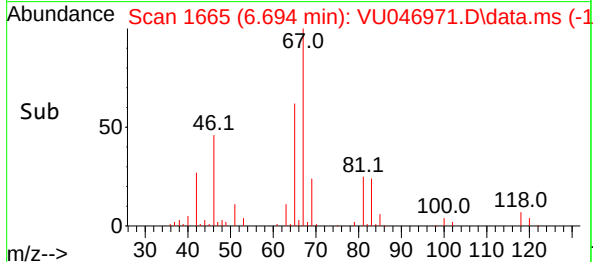
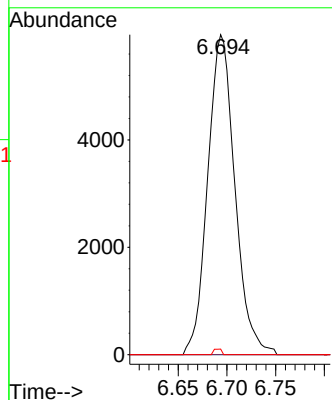
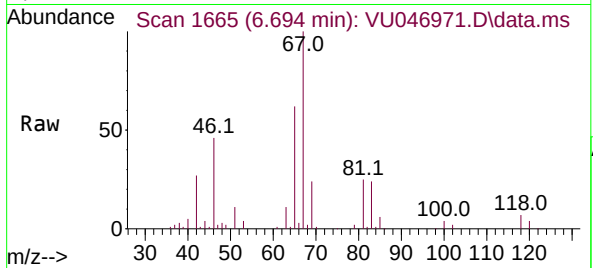




#35
Methylcyclohexane
Concen: 0.944 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046971.D
Acq: 01 Feb 2022 18:16

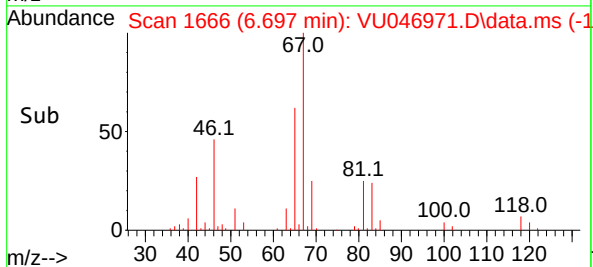
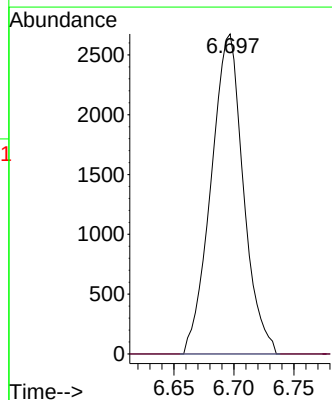
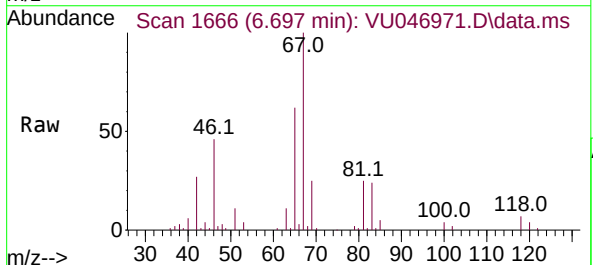
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ClientSampleId :
C0HK9DL

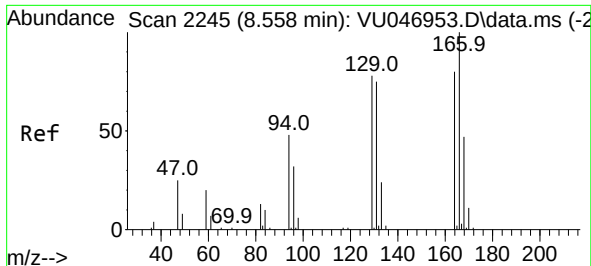
Tgt Ion: 83 Resp: 11568
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046971.D
Acq: 01 Feb 2022 18:16

Tgt Ion: 63 Resp: 5012
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 8.047 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046971.D

Acq: 01 Feb 2022 18:16

Instrument :

MSVOA_U

ClientSampleId :

C0HK9DL

Tgt Ion:164 Resp: 47902

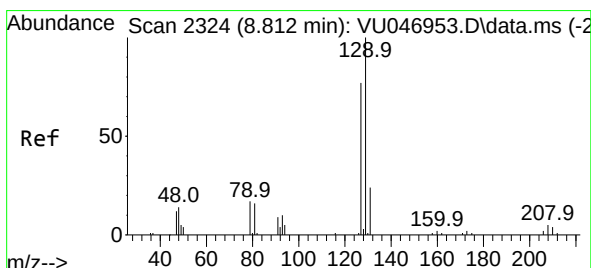
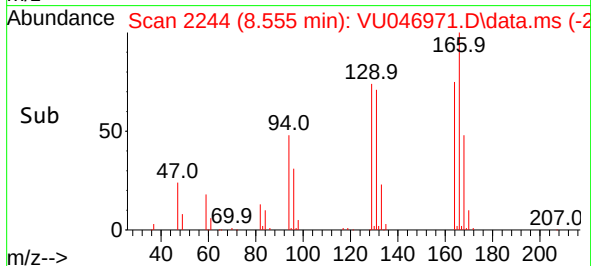
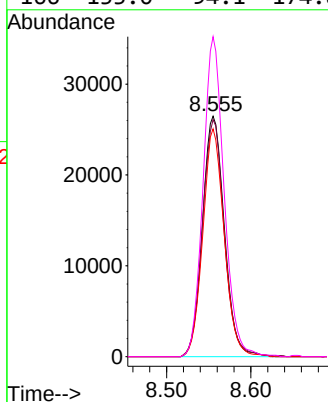
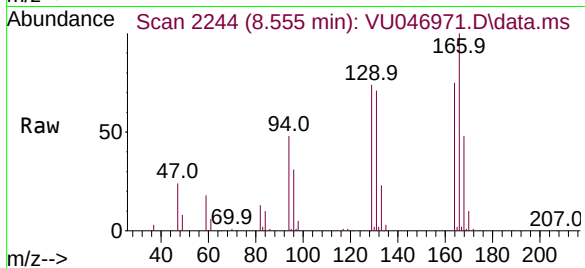
Ion Ratio Lower Upper

164 100

129 98.6 71.8 133.4

131 94.7 68.5 127.3

166 133.0 94.1 174.8



#49

Dibromochloromethane

Concen: 6.745 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046971.D

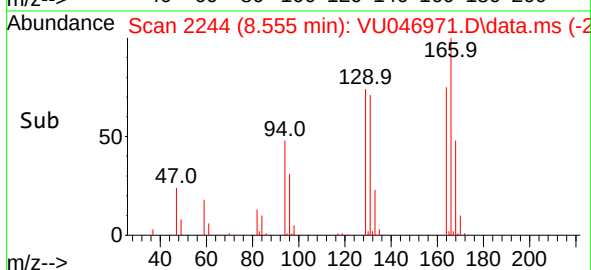
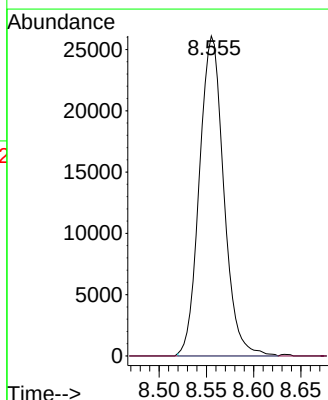
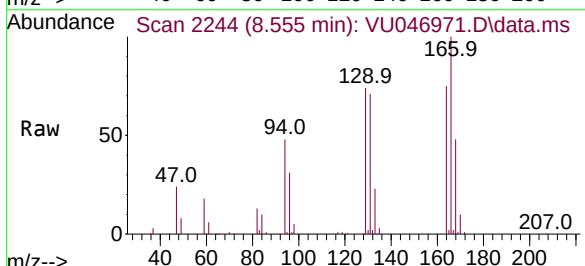
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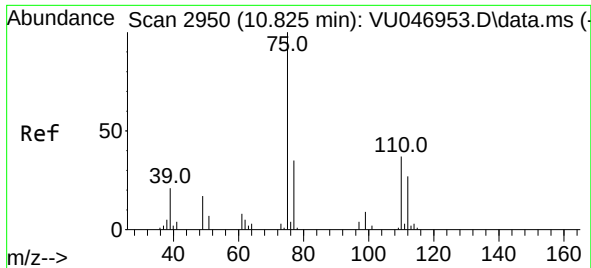
Tgt Ion:129 Resp: 46812

Ion Ratio Lower Upper

129 100

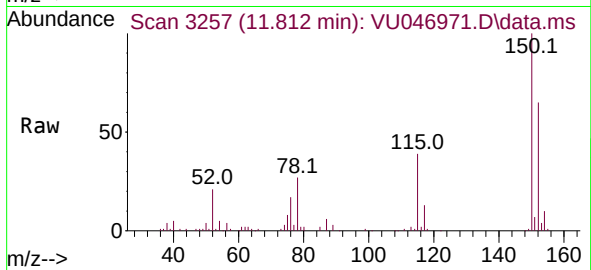
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.462 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046971.D
 Acq: 01 Feb 2022 18:16

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK9DL



Tgt Ion: 75 Resp: 6157
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 33.1 25.5 38.3

