

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046981.D
 Acq On : 01 Feb 2022 23:00
 Operator : SY/MD
 Sample : N1349-07 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6

Quant Time: Feb 02 04:07:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

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

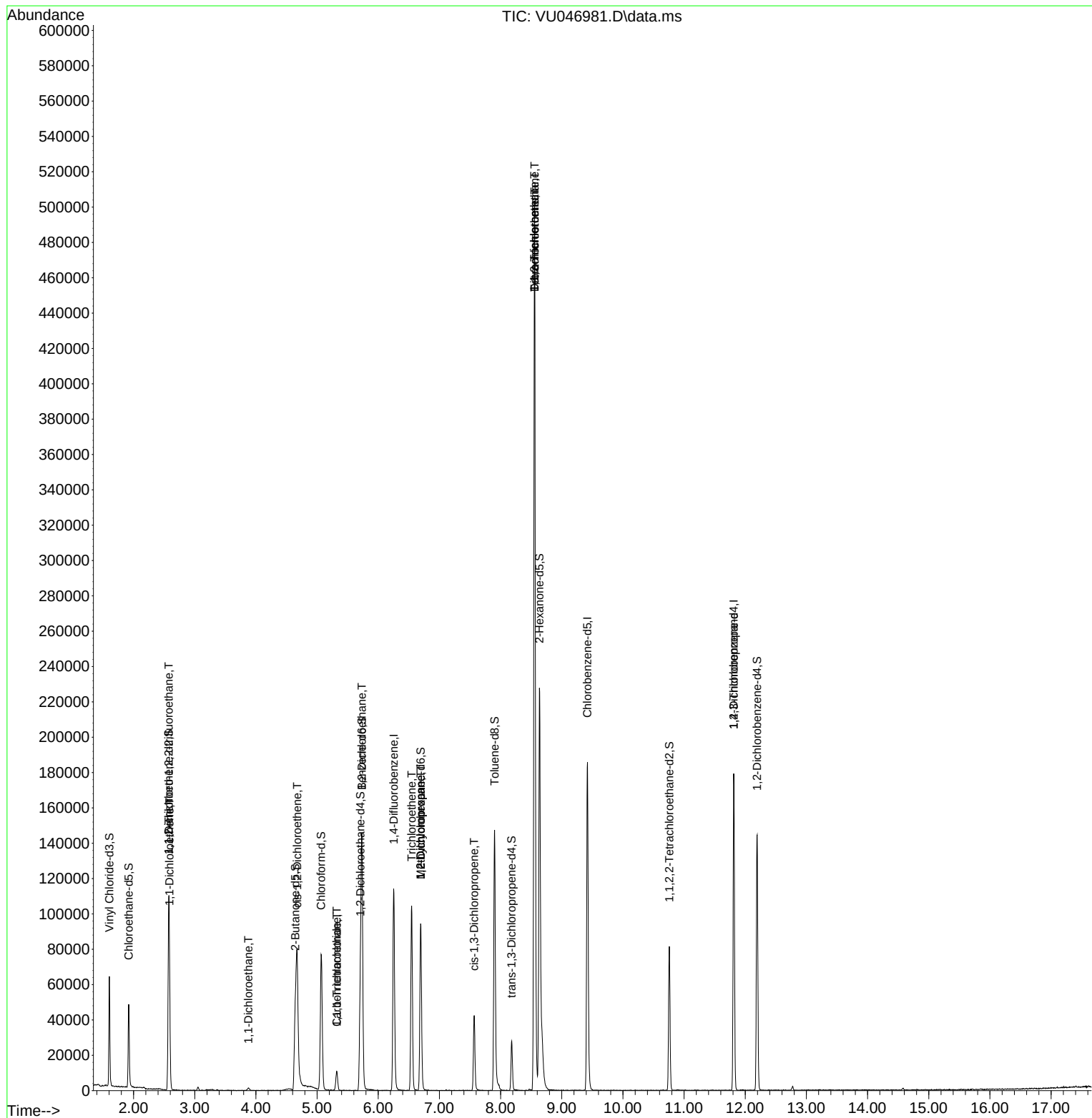
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44959	5.435	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.919	69	36742	5.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.800%
11) 1,1-Dichloroethene-d2	2.575	65	17477	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.645	46	94543	38.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.160%
24) Chloroform-d	5.066	84	72297	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.706	65	39814	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.732	84	139978	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.693	67	46593	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.902	98	106418	3.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.179	79	16844	3.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.635	63	93066	36.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41881	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39056	4.463	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	415	0.073	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	12644	2.320	ug/L #	56
19) 1,1-Dichloroethane	3.877	63	2141	0.216	ug/L #	93
22) cis-1,2-Dichloroethene	4.674	96	30250	4.857	ug/L	99
27) 1,2-Dichloroethane	5.732	62	729	0.105	ug/L #	73
29) 1,1,1-Trichloroethane	5.320	97	8370	0.834	ug/L	96
31) Carbon tetrachloride	5.320	117	962	0.112	ug/L	88
34) Trichloroethene	6.546	95	36284	5.330	ug/L	100
35) Methylcyclohexane	6.693	83	10445	0.916	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4797	0.746	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	950	0.095	ug/L #	77
45) 1,1,2-Trichloroethane	8.552	97	998	0.182	ug/L #	13
47) Tetrachloroethene	8.555	164	111960	20.221	ug/L	97
49) Dibromochloromethane	8.555	129	112709	17.460	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6257	1.583	ug/L #	62

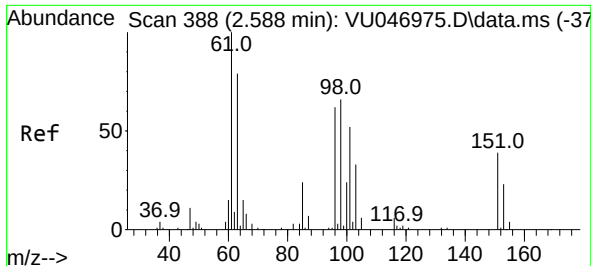
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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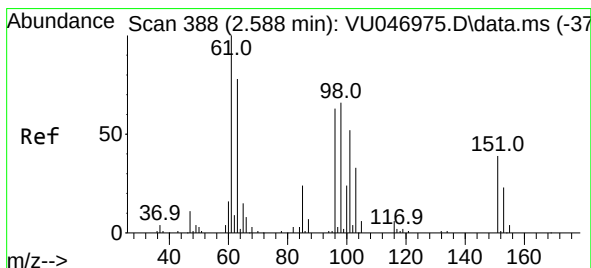
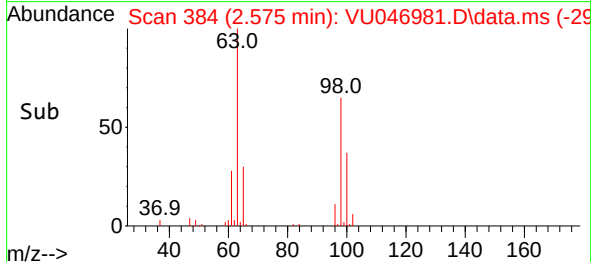
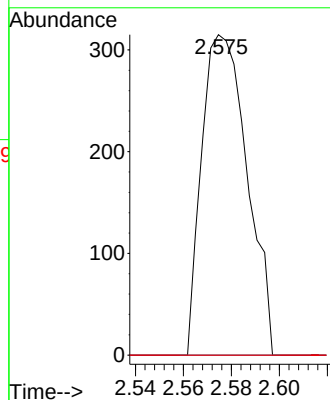
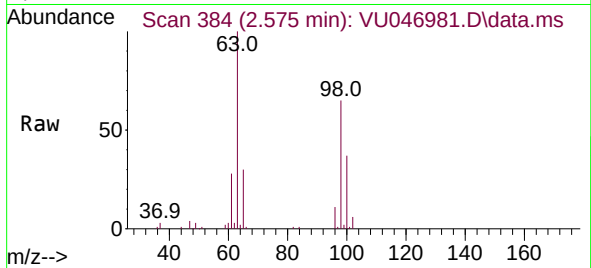




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.073 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046981.D
 Acq: 01 Feb 2022 23:00

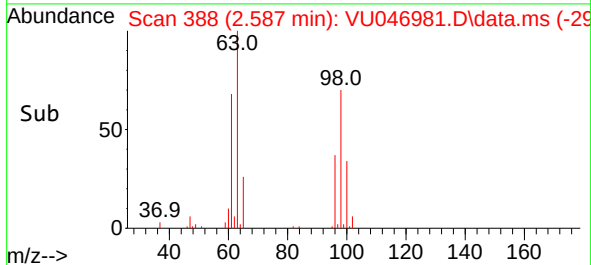
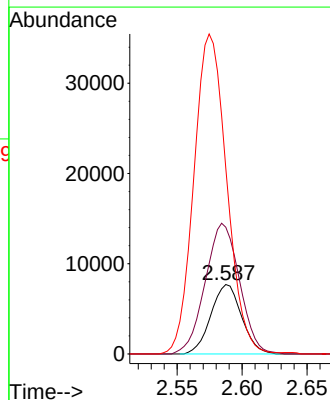
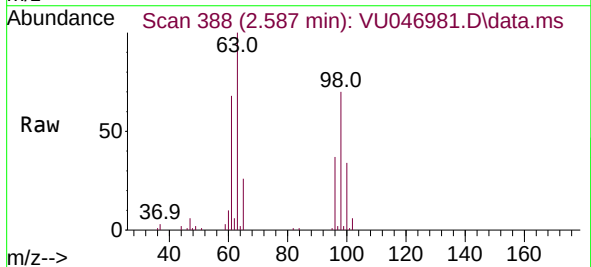
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6

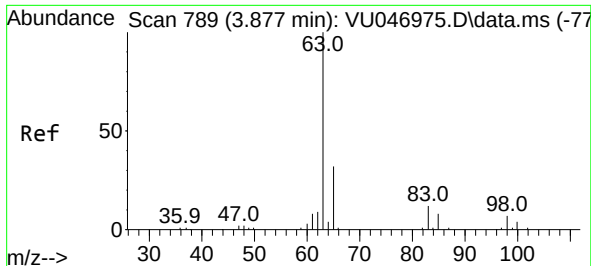
Tgt Ion:101 Resp: 415
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 2.320 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046981.D
 Acq: 01 Feb 2022 23:00

Tgt Ion: 96 Resp: 12644
 Ion Ratio Lower Upper
 96 100
 61 182.4 124.7 231.5
 63 267.3 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.216 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

C0HP6

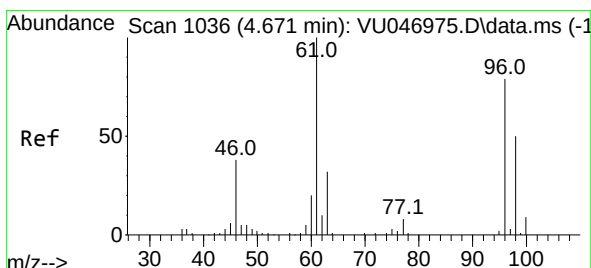
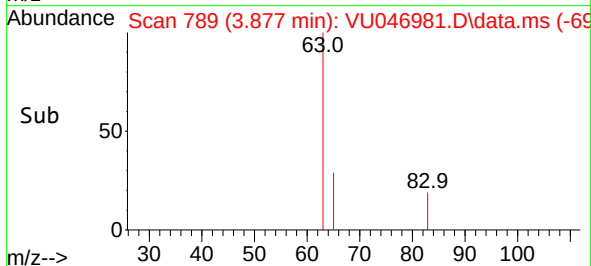
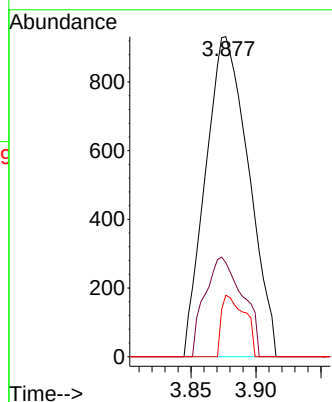
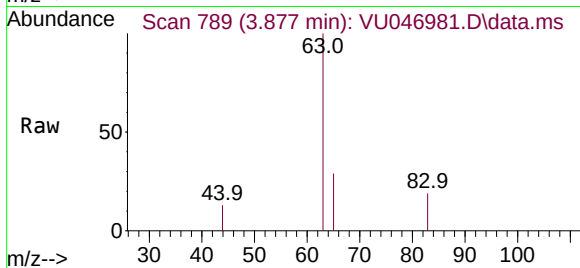
Tgt Ion: 63 Resp: 2141

Ion Ratio Lower Upper

63 100

65 29.4 22.3 41.5

83 19.2 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 4.857 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

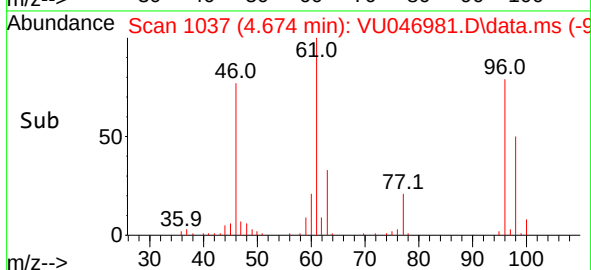
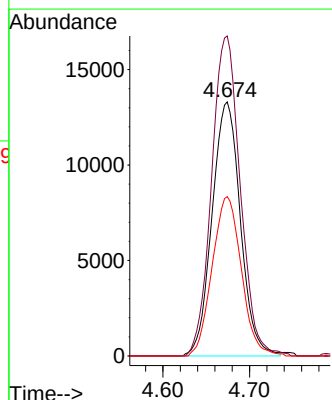
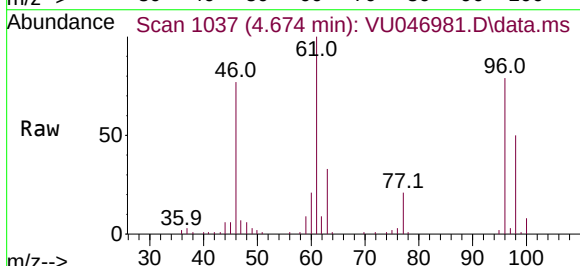
Tgt Ion: 96 Resp: 30250

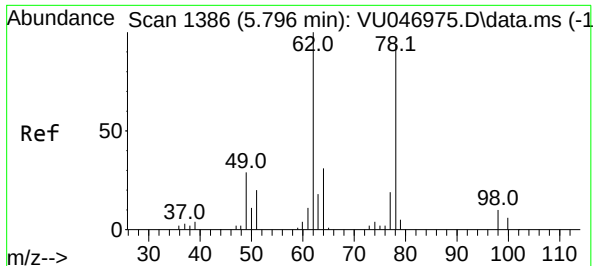
Ion Ratio Lower Upper

96 100

61 125.9 88.5 164.3

98 62.7 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.105 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

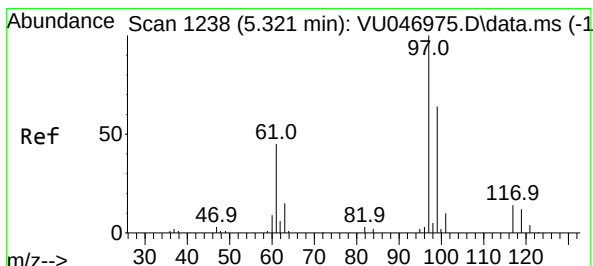
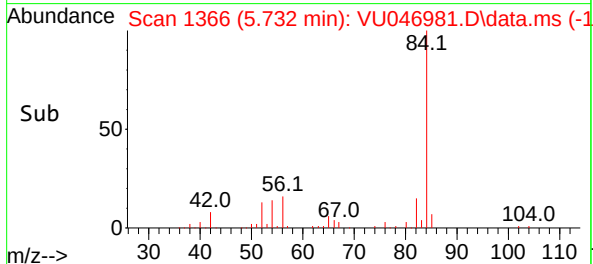
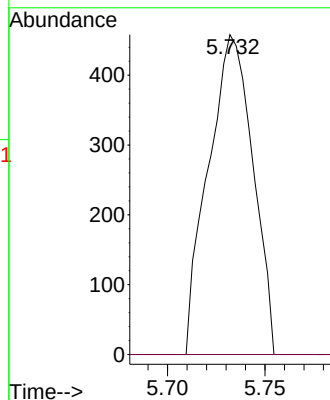
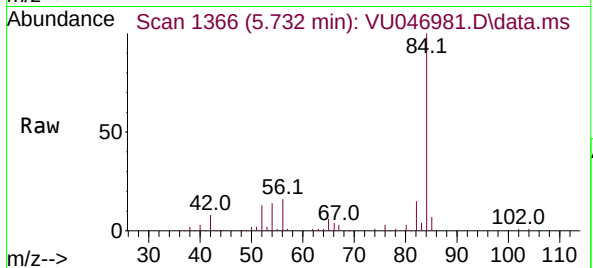
C0HP6

Tgt Ion: 62 Resp: 729

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 0.834 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

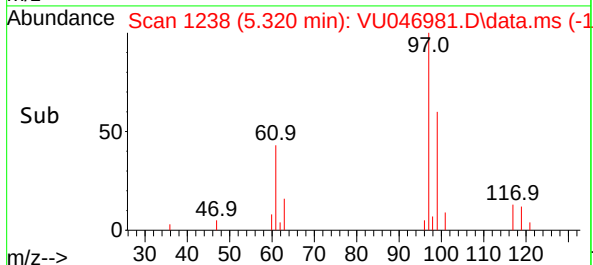
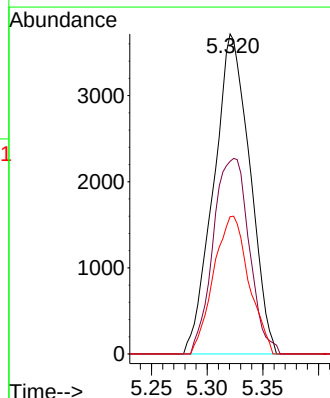
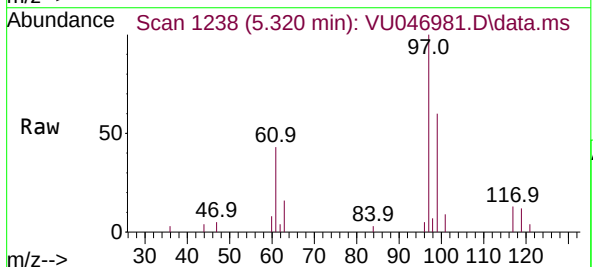
Tgt Ion: 97 Resp: 8370

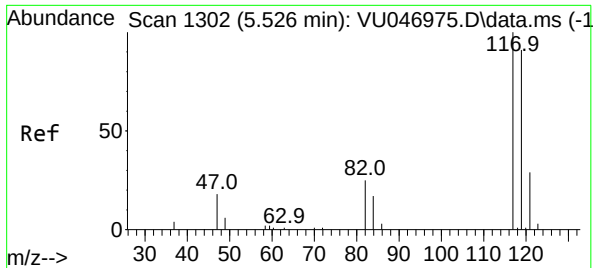
Ion Ratio Lower Upper

97 100

99 61.0 51.3 76.9

61 42.0 36.1 54.1

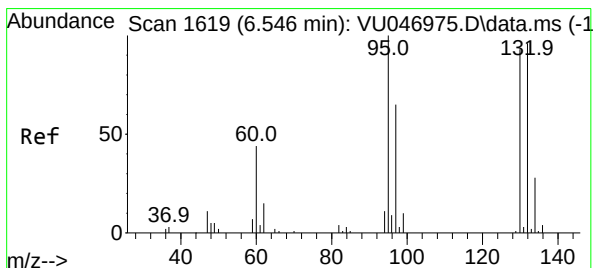
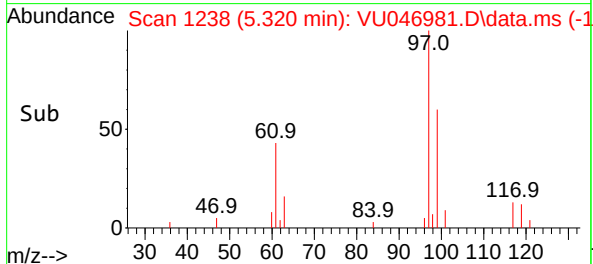
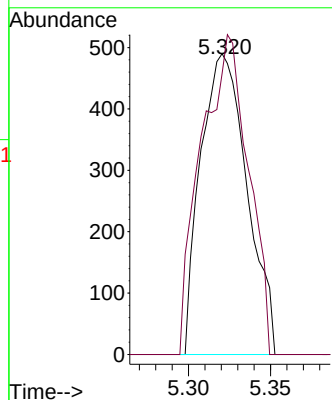
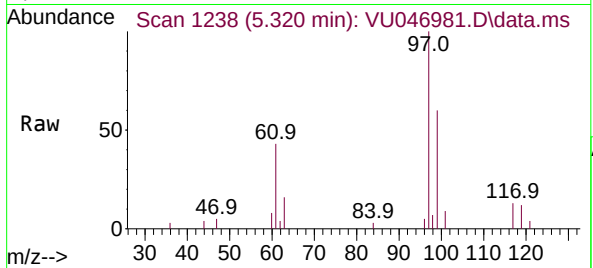




#31
Carbon tetrachloride
Concen: 0.112 ug/L
RT: 5.320 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU046981.D
Acq: 01 Feb 2022 23:00

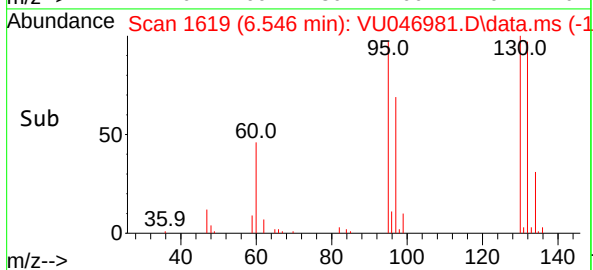
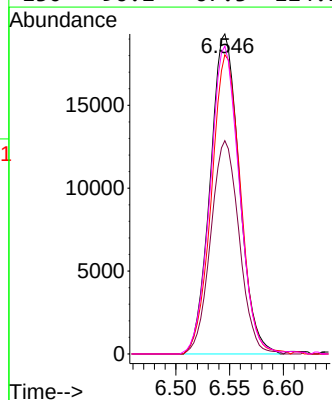
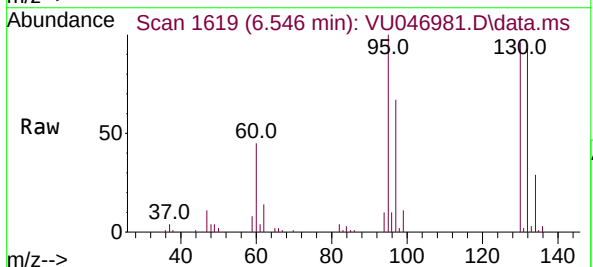
Instrument :
MSVOA_U
ClientSampleId :
C0HP6

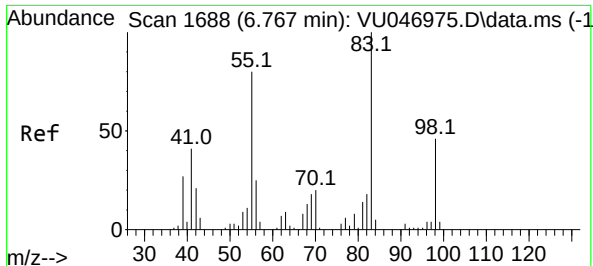
Tgt Ion:117 Resp: 962
Ion Ratio Lower Upper
117 100
119 108.3 77.5 116.3



#34
Trichloroethene
Concen: 5.330 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046981.D
Acq: 01 Feb 2022 23:00

Tgt Ion: 95 Resp: 36284
Ion Ratio Lower Upper
95 100
97 66.6 46.5 86.5
132 93.5 65.1 120.9
130 96.2 67.3 124.9





#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

C0HP6

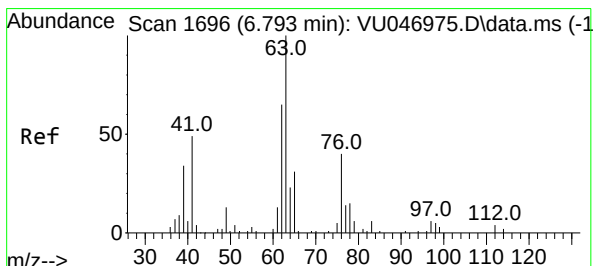
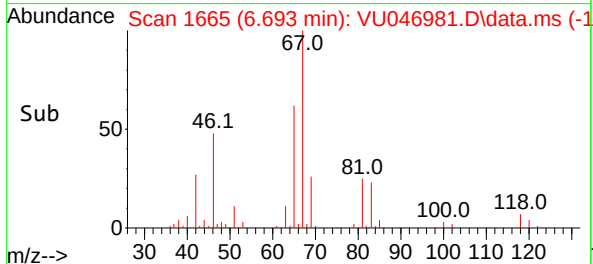
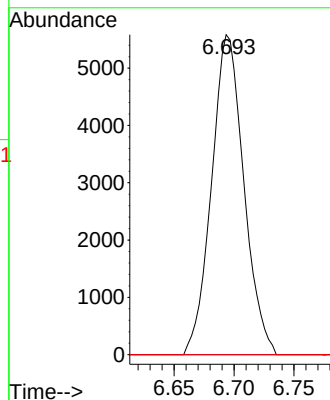
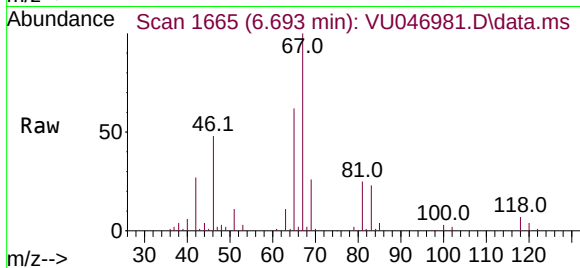
Tgt Ion: 83 Resp: 10445

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: 0.746 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046981.D

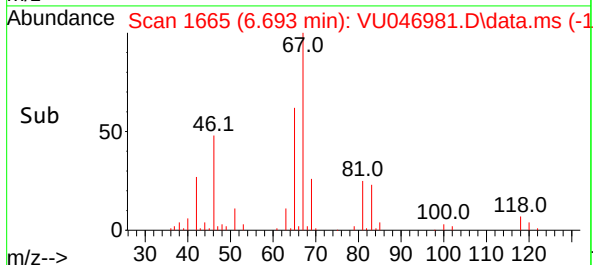
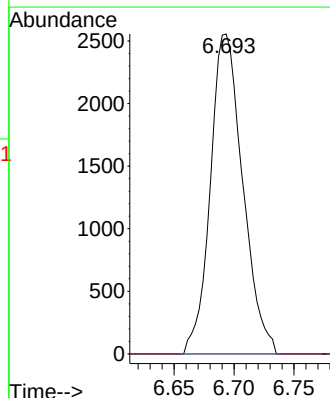
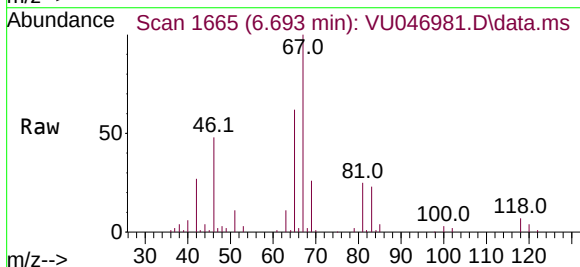
Acq: 01 Feb 2022 23:00

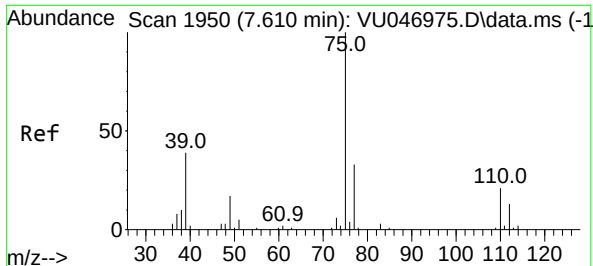
Tgt Ion: 63 Resp: 4797

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

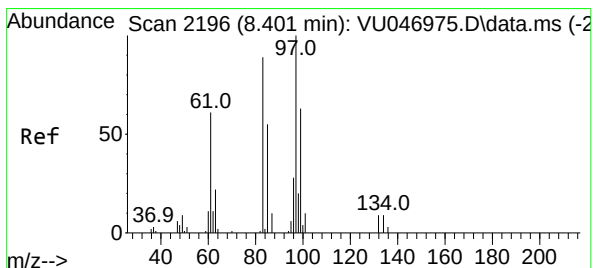
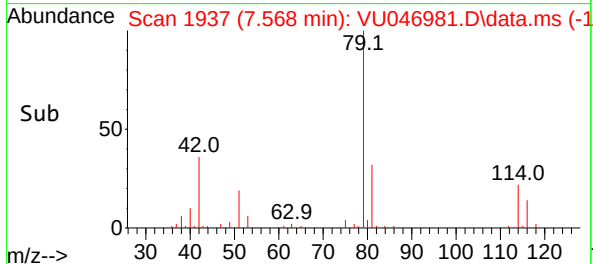
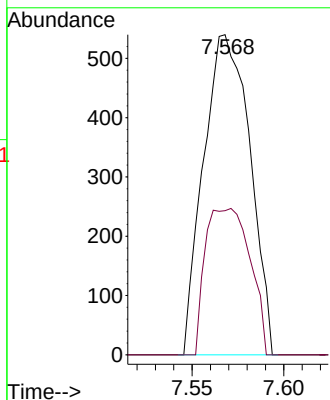
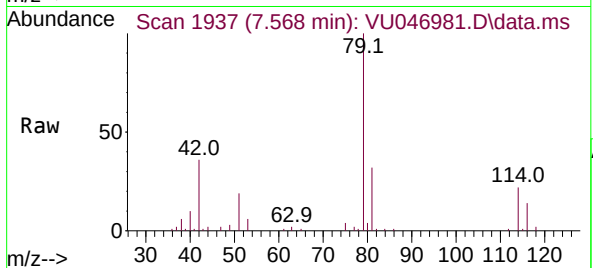
C0HP6

Tgt Ion: 75 Resp: 950

Ion Ratio Lower Upper

75 100

77 45.0 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.182 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.151 min

Lab File: VU046981.D

Acq: 01 Feb 2022 23:00

Tgt Ion: 97 Resp: 998

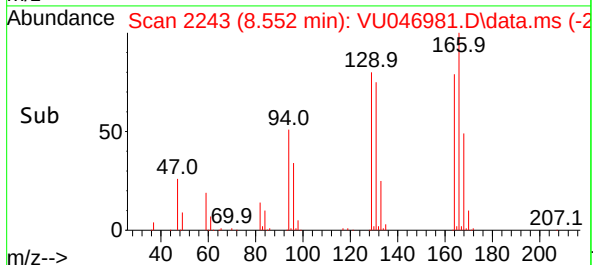
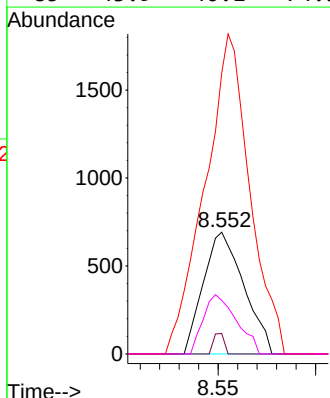
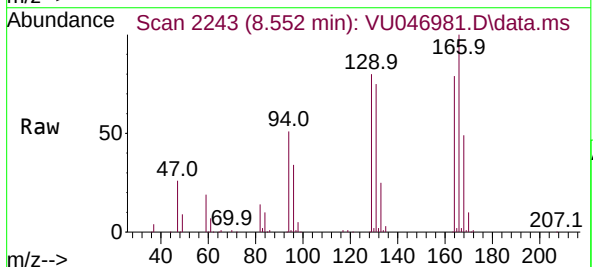
Ion Ratio Lower Upper

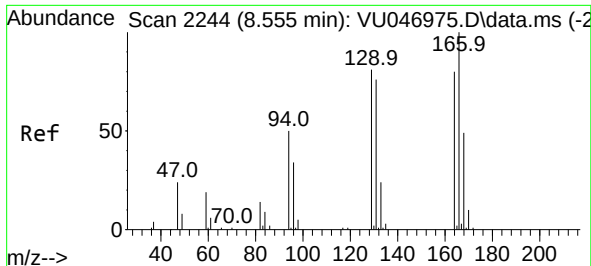
97 100

99 16.8 42.3 78.5#

83 230.8 62.0 115.2#

85 43.9 40.1 74.5

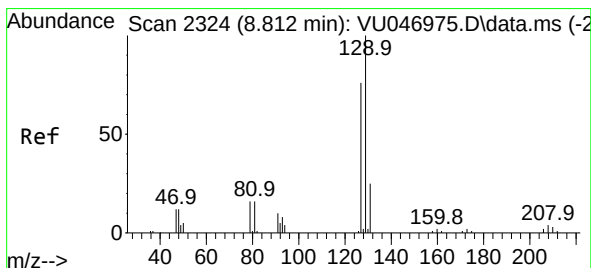
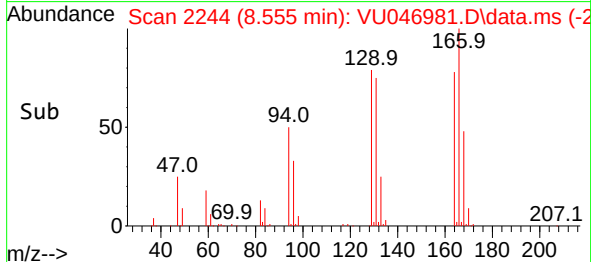
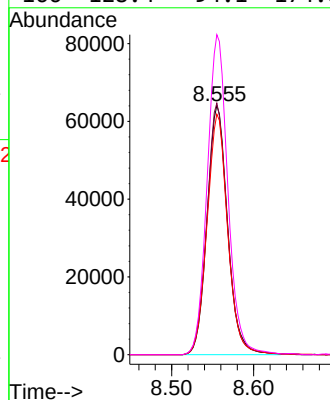
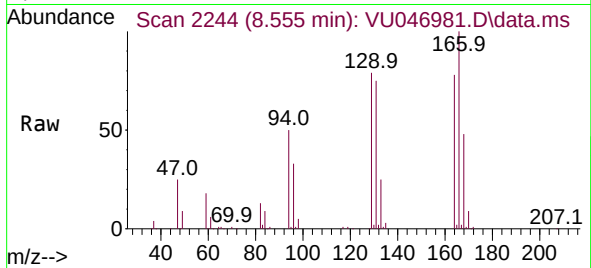




#47
Tetrachloroethene
Concen: 20.221 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU046981.D
Acq: 01 Feb 2022 23:00

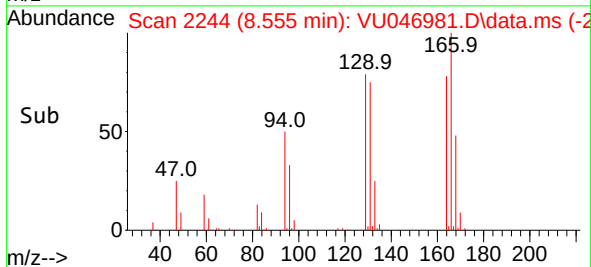
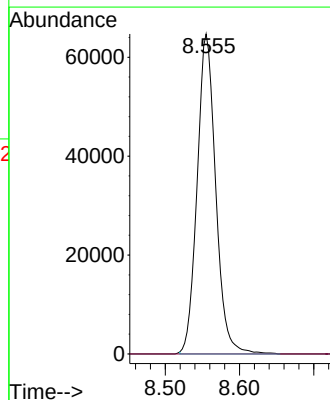
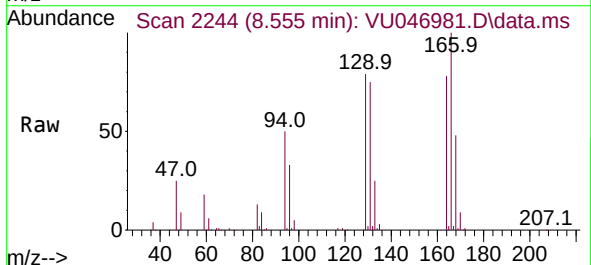
Instrument :
MSVOA_U
ClientSampleId :
C0HP6

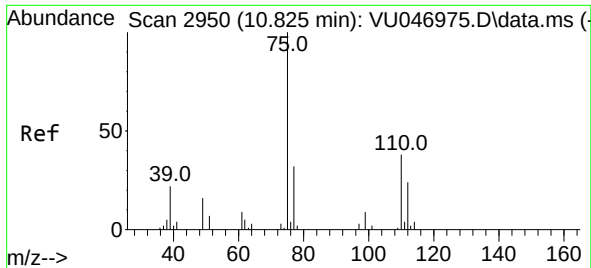
Tgt Ion:164 Resp: 111960
Ion Ratio Lower Upper
164 100
129 101.0 71.8 133.4
131 96.5 68.5 127.3
166 128.4 94.1 174.8



#49
Dibromochloromethane
Concen: 17.460 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046981.D
Acq: 01 Feb 2022 23:00

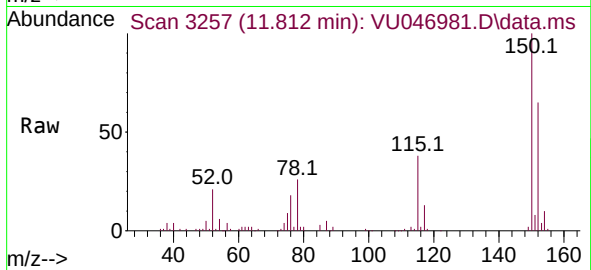
Tgt Ion:129 Resp: 112709
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.583 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046981.D
 Acq: 01 Feb 2022 23:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP6



Tgt Ion: 75 Resp: 6257
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 26.3 25.5 38.3

