

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046921.D
 Acq On : 31 Jan 2022 16:39
 Operator : SY/MD
 Sample : N1328-15 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:27:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

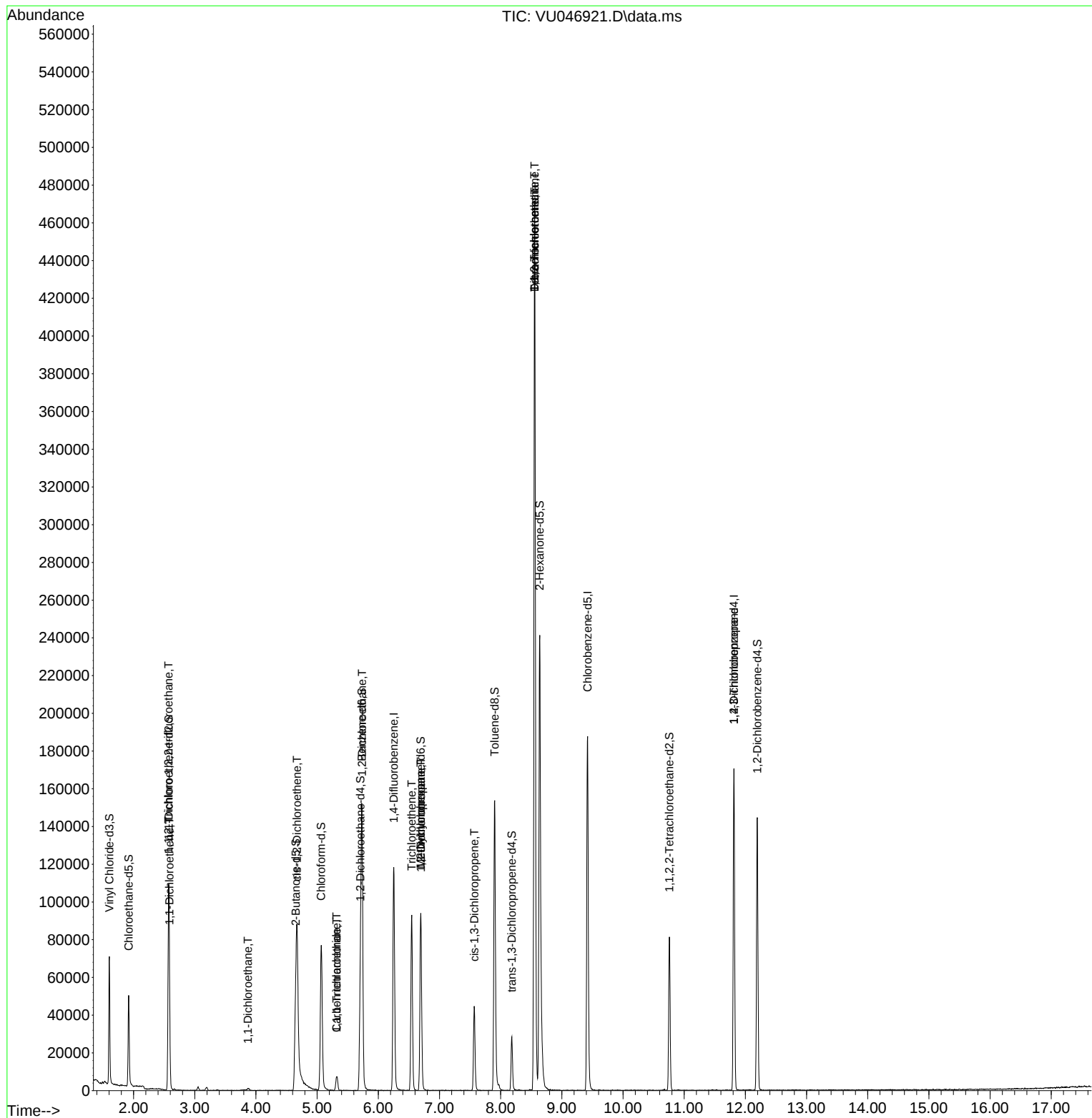
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50857	6.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.000%
7) Chloroethane-d5	1.919	69	37461	5.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.575	65	18496	5.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.400%
20) 2-Butanone-d5	4.652	46	105148	42.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.080%
24) Chloroform-d	5.067	84	72983	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	40987	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.732	84	146405	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.694	67	46060	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.903	98	112119	3.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.182	79	17084	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.639	63	97579	38.021	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41614	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38992	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	462	0.080	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	7992	1.454	ug/L #	9
19) 1,1-Dichloroethane	3.867	63	1178	0.118	ug/L #	74
22) cis-1,2-Dichloroethene	4.671	96	28818	4.588	ug/L	98
27) 1,2-Dichloroethane	5.736	62	743	0.106	ug/L #	73
29) 1,1,1-Trichloroethane	5.318	97	6330	0.628	ug/L	98
31) Carbon tetrachloride	5.318	117	660	0.076	ug/L	87
34) Trichloroethene	6.546	95	33098	4.841	ug/L	97
35) Methylcyclohexane	6.694	83	10903	0.952	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4594	0.711	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	944	0.094	ug/L #	4
45) 1,1,2-Trichloroethane	8.552	97	915	0.166	ug/L #	1
47) Tetrachloroethene	8.555	164	105464	18.967	ug/L	98
49) Dibromochloromethane	8.555	129	105360	16.252	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5817	1.522	ug/L #	63

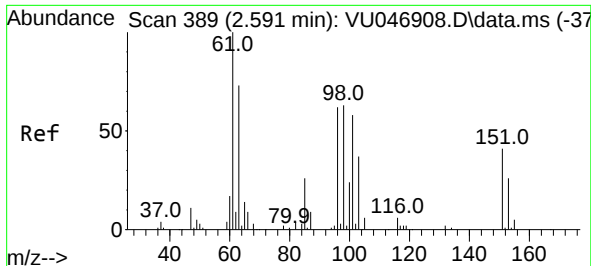
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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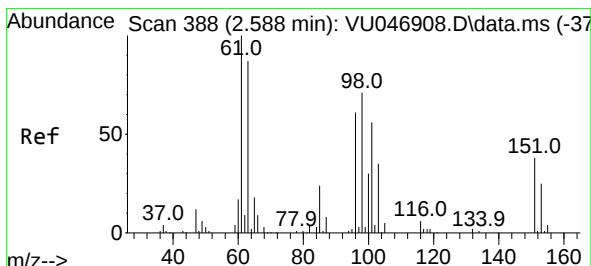
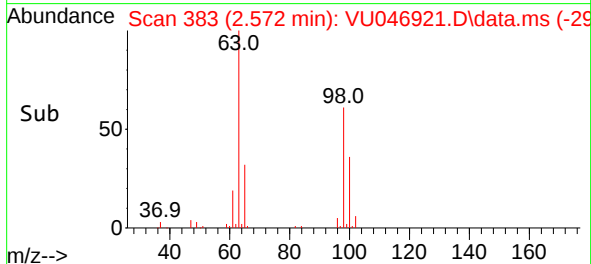
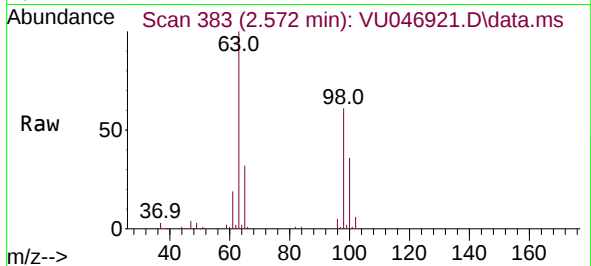




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.080 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.019 min
 Lab File: VU046921.D
 Acq: 31 Jan 2022 16:39

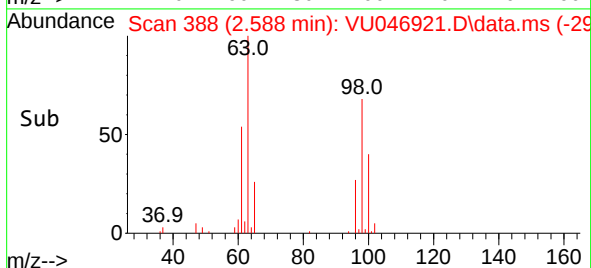
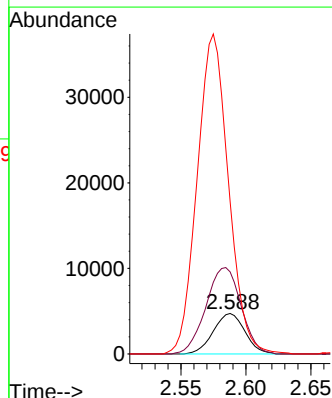
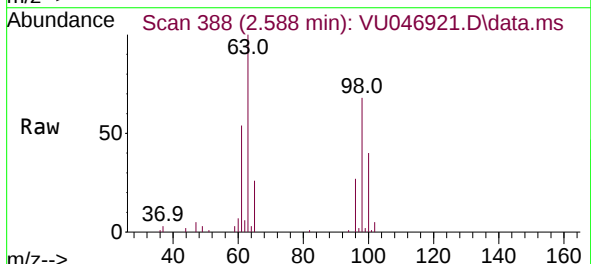
Instrument :
 MSVOA_U
 ClientSampleId :

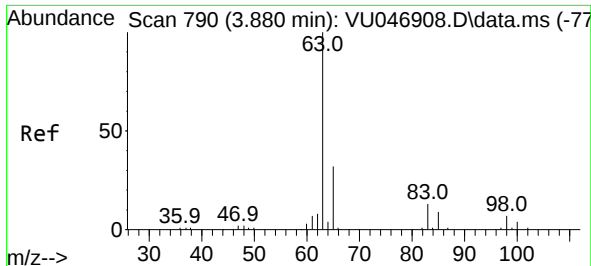
Tgt Ion:101 Resp: 462
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 1.454 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046921.D
 Acq: 31 Jan 2022 16:39

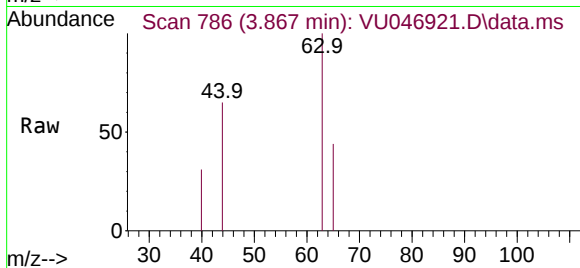
Tgt Ion: 96 Resp: 7992
 Ion Ratio Lower Upper
 96 100
 61 202.6 124.7 231.5
 63 376.4 105.2 195.4#



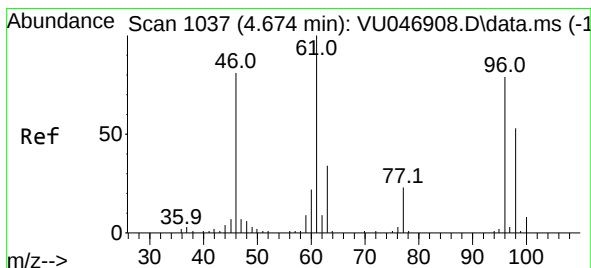
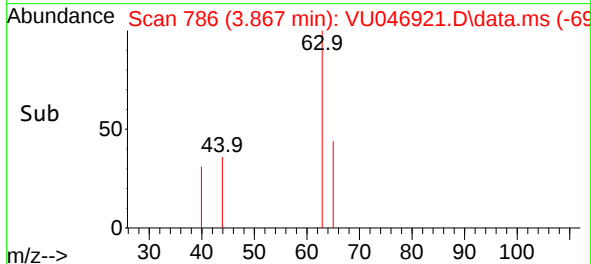
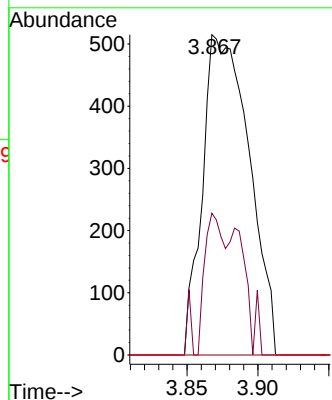


#19
1,1-Dichloroethane
Concen: 0.118 ug/L
RT: 3.867 min Scan# 790
Delta R.T. -0.013 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :

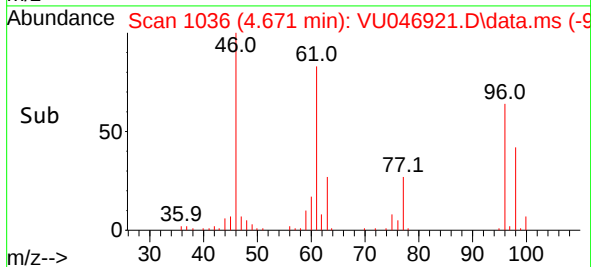
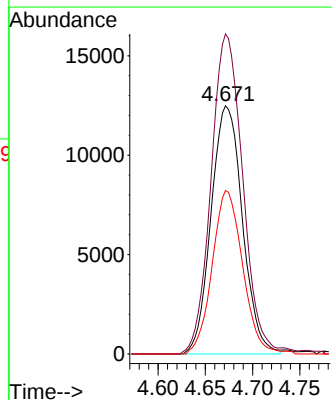
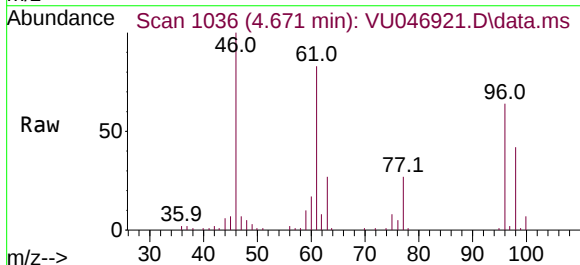


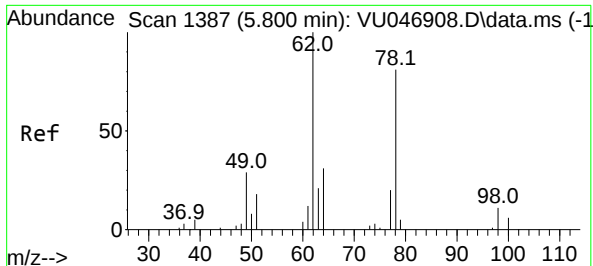
Tgt Ion: 63 Resp: 1178
Ion Ratio Lower Upper
63 100
65 44.3 22.3 41.5#
83 0.0 9.6 17.8#



#22
cis-1,2-Dichloroethene
Concen: 4.588 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

Tgt Ion: 96 Resp: 28818
Ion Ratio Lower Upper
96 100
61 128.9 88.5 164.3
98 65.9 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.736 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046921.D

Acq: 31 Jan 2022 16:39

Instrument :

MSVOA_U

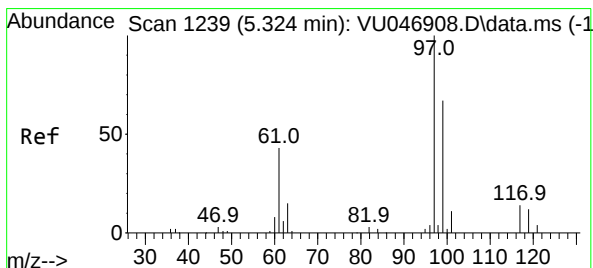
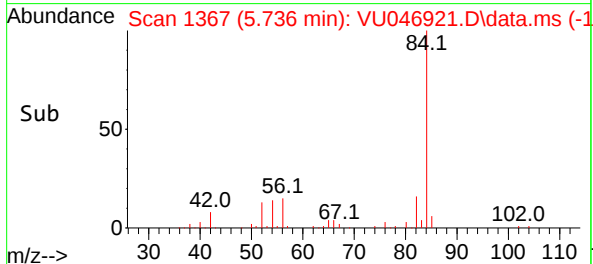
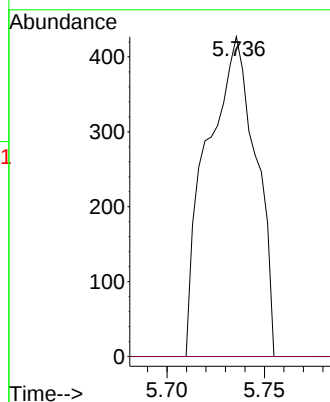
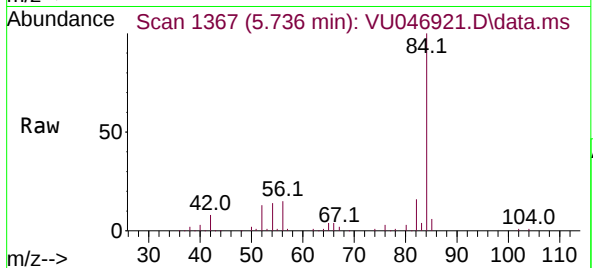
ClientSampleId :

Tgt Ion: 62 Resp: 743

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 0.628 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VU046921.D

Acq: 31 Jan 2022 16:39

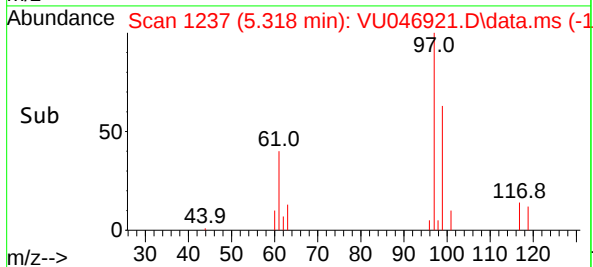
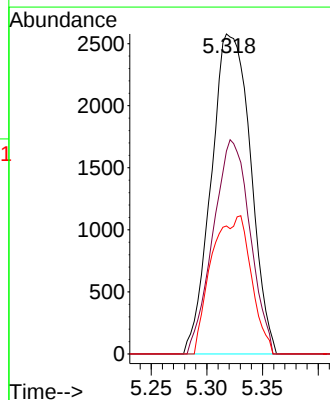
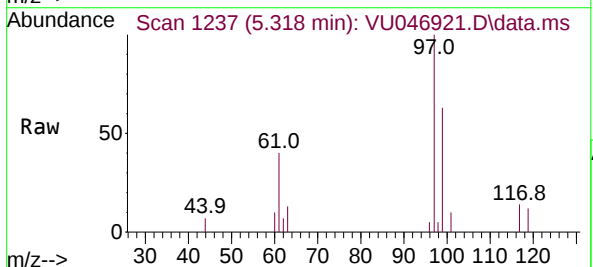
Tgt Ion: 97 Resp: 6330

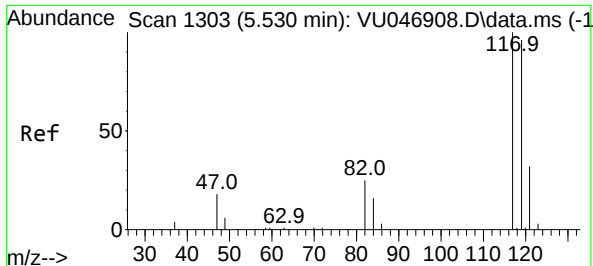
Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 43.6 36.1 54.1

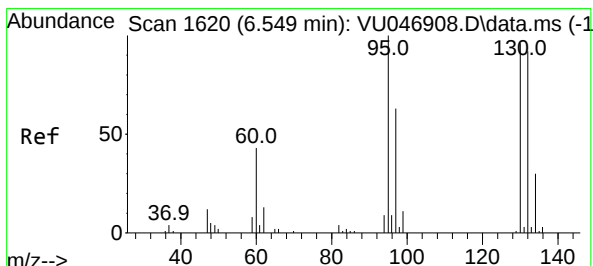
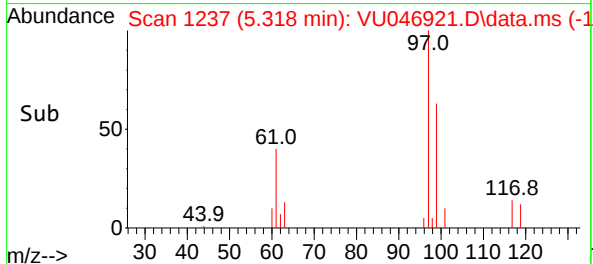
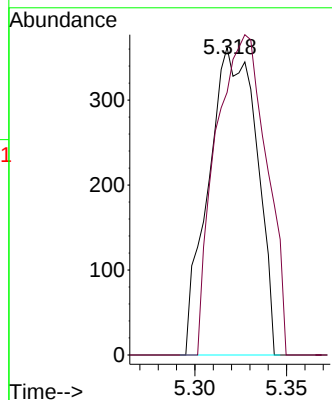
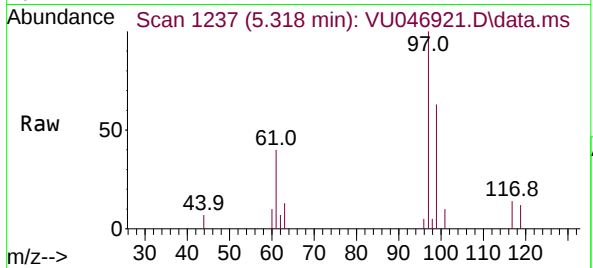




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 5.318 min Scan# 1619
Delta R.T. -0.212 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

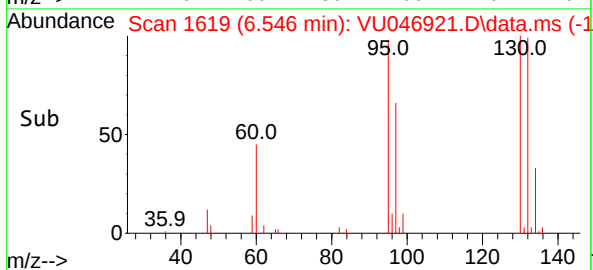
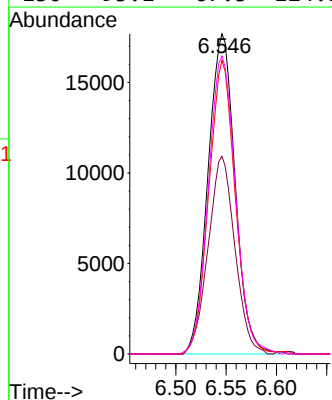
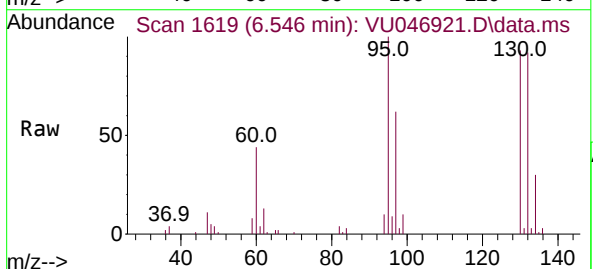
Instrument :
MSVOA_U
ClientSampleId :

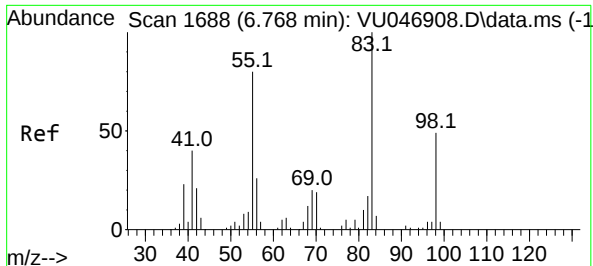
Tgt Ion:117 Resp: 660
Ion Ratio Lower Upper
117 100
119 109.4 77.5 116.3



#34
Trichloroethene
Concen: 4.841 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

Tgt Ion: 95 Resp: 33098
Ion Ratio Lower Upper
95 100
97 61.8 46.5 86.5
132 91.7 65.1 120.9
130 93.1 67.3 124.9

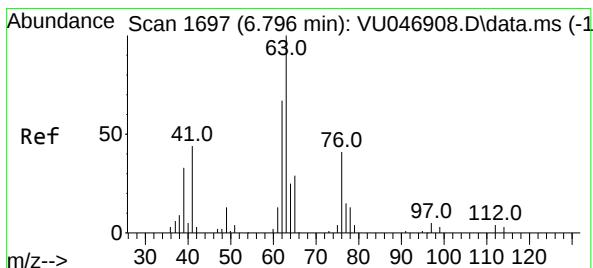
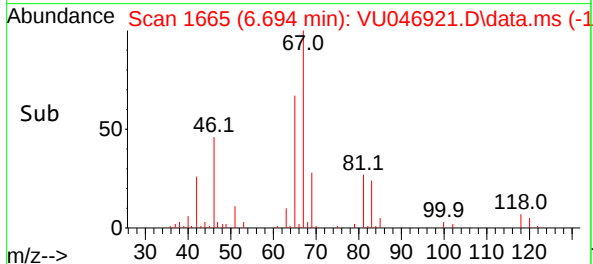
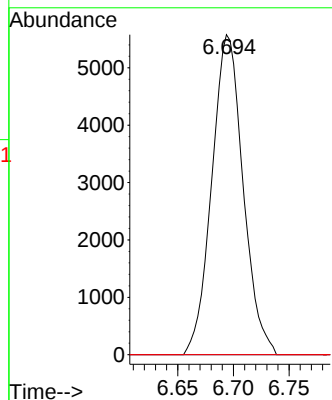
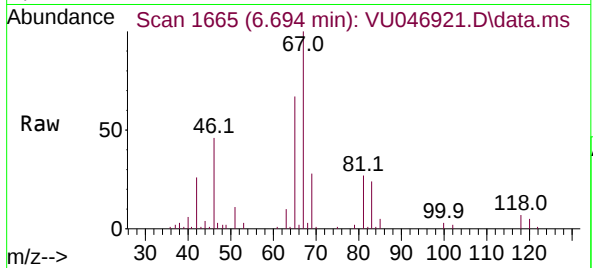




#35
Methylcyclohexane
Concen: 0.952 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

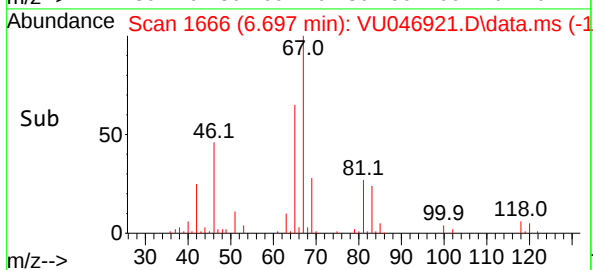
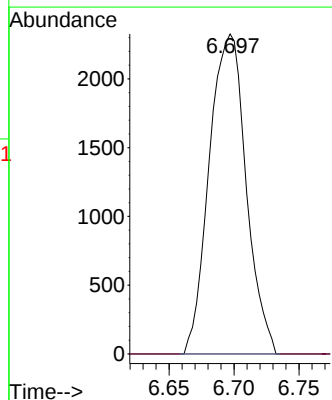
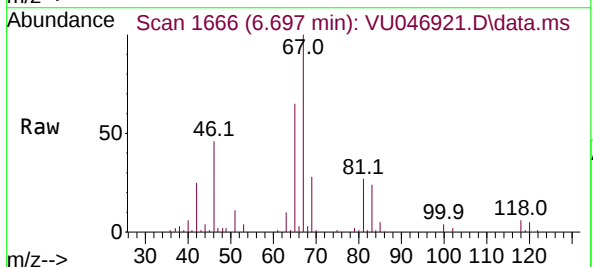
Instrument :
MSVOA_U
ClientSampleId :

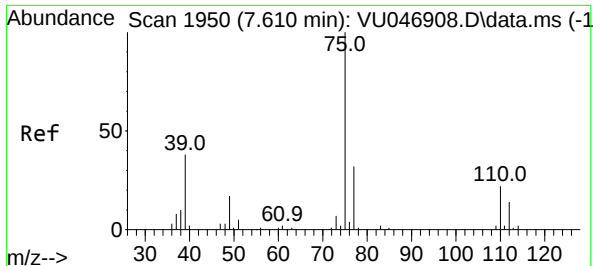
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.0	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

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





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046921.D

Acq: 31 Jan 2022 16:39

Instrument :

MSVOA_U

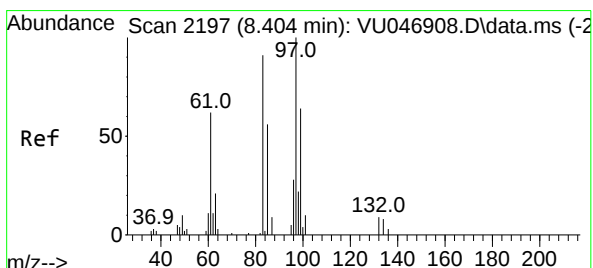
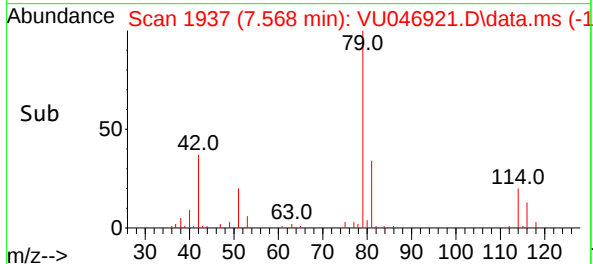
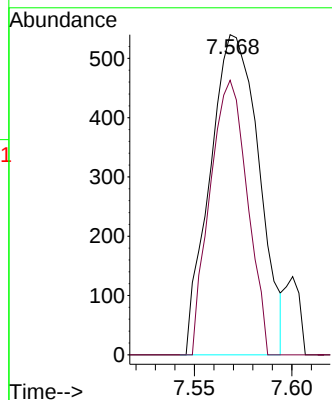
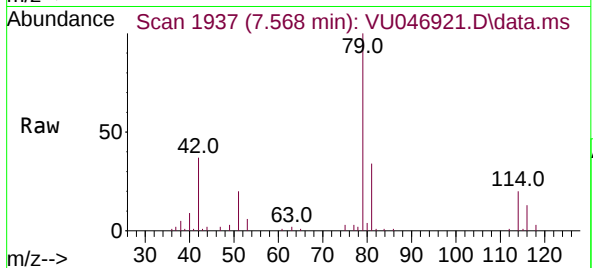
ClientSampleId :

Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

77 85.7 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.166 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046921.D

Acq: 31 Jan 2022 16:39

Tgt Ion: 97 Resp: 915

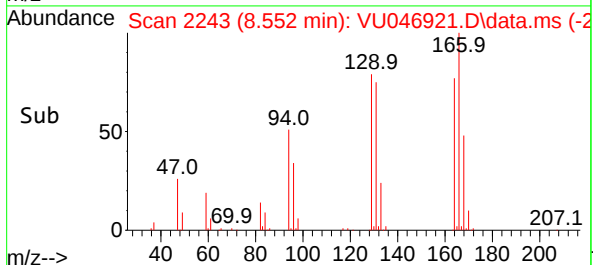
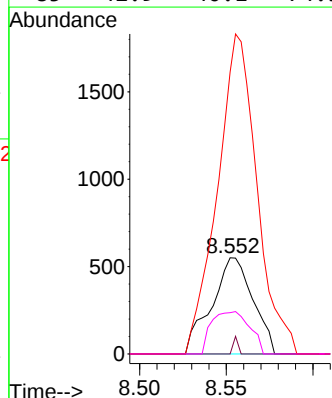
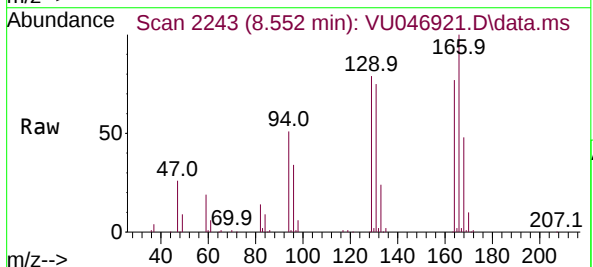
Ion Ratio Lower Upper

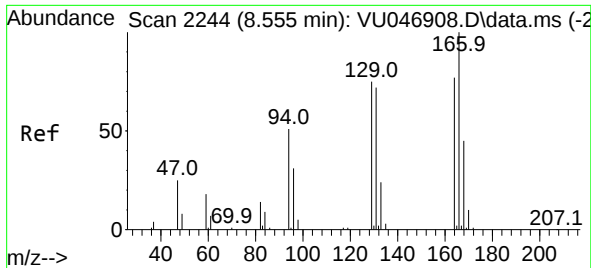
97 100

99 0.0 42.3 78.5#

83 293.3 62.0 115.2#

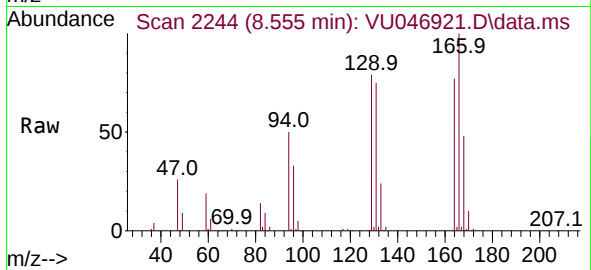
85 42.9 40.1 74.5



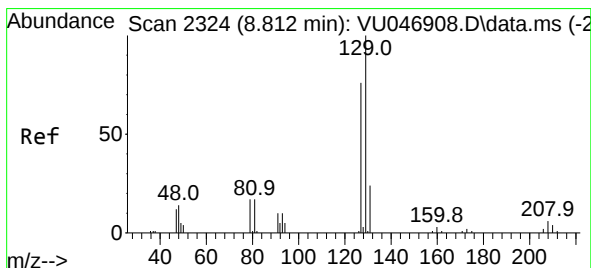
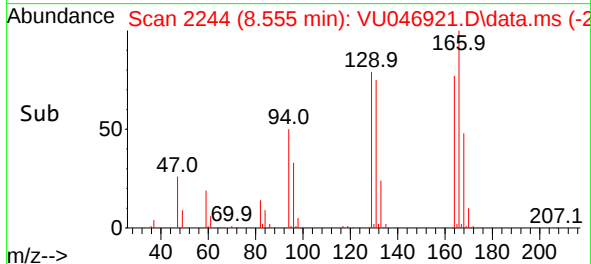
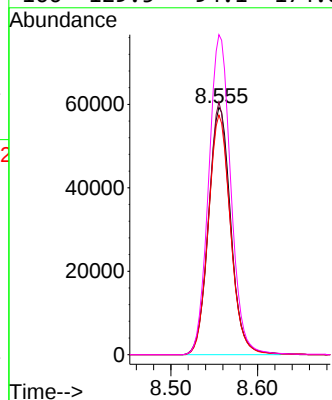


#47
Tetrachloroethene
Concen: 18.967 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :

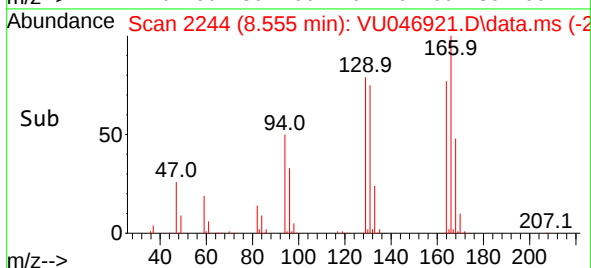
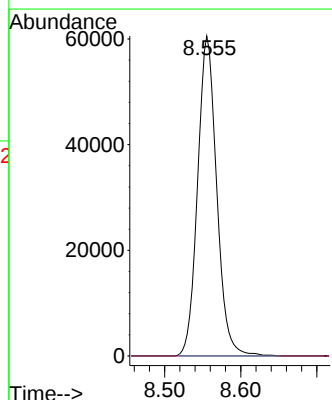
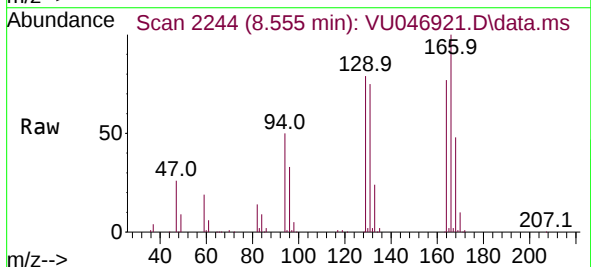


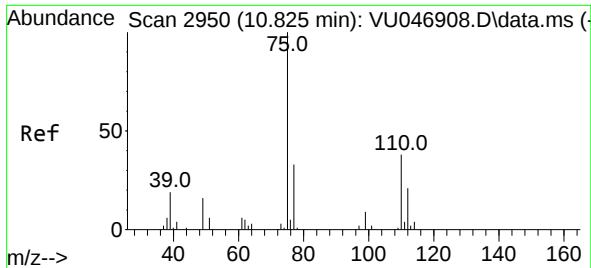
Tgt Ion:164 Resp: 105464
Ion Ratio Lower Upper
164 100
129 102.2 71.8 133.4
131 97.0 68.5 127.3
166 129.5 94.1 174.8



#49
Dibromochloromethane
Concen: 16.252 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046921.D
Acq: 31 Jan 2022 16:39

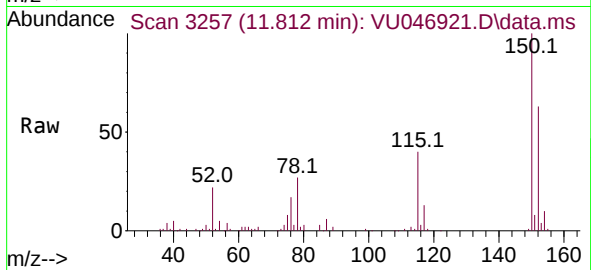
Tgt Ion:129 Resp: 105360
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.522 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046921.D
 Acq: 31 Jan 2022 16:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5817
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 35.5 25.5 38.3

