

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046918.D
 Acq On : 31 Jan 2022 15:26
 Operator : SY/MD
 Sample : N1328-11 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:26:42 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)

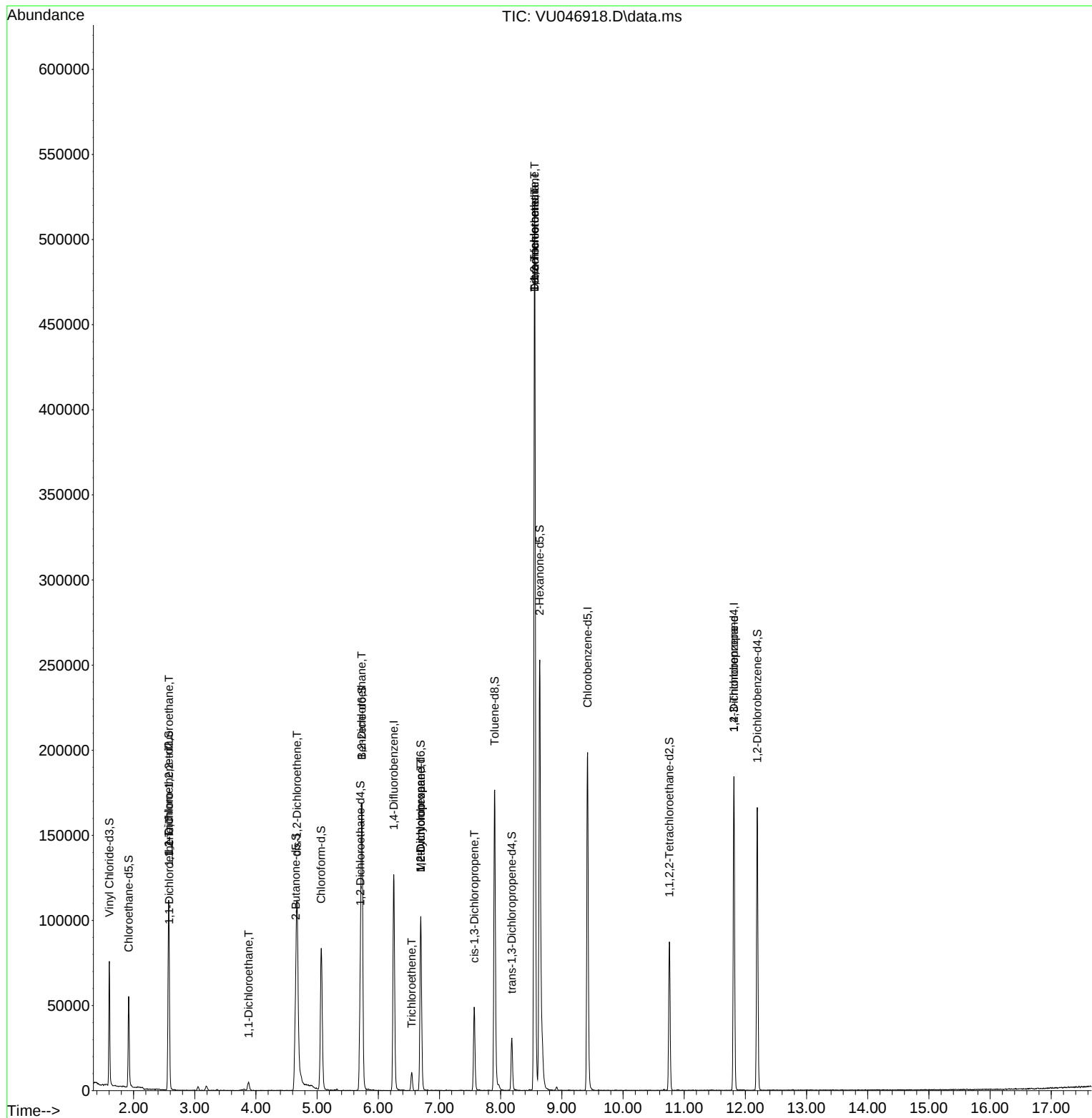
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	104266	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48538	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53762	6.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.800%
7) Chloroethane-d5	1.919	69	40674	5.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.800%
11) 1,1-Dichloroethene-d2	2.575	65	20593	5.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.200%
20) 2-Butanone-d5	4.652	46	107693	41.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.300%
24) Chloroform-d	5.067	84	80838	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.707	65	43737	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.732	84	159703	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.694	67	49685	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.903	98	126147	4.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	19254	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.639	63	108726	40.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45478	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43063	4.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	599	0.098	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	1972	0.339	ug/L #	1
19) 1,1-Dichloroethane	3.880	63	6080	0.574	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	42805	6.435	ug/L	98
27) 1,2-Dichloroethane	5.729	62	694	0.094	ug/L #	73
34) Trichloroethene	6.546	95	4079	0.571	ug/L	87
35) Methylcyclohexane	6.694	83	11345	0.948	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4855	0.719	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1329	0.126	ug/L #	72
45) 1,1,2-Trichloroethane	8.552	97	1059	0.184	ug/L #	1
47) Tetrachloroethene	8.555	164	119158	20.514	ug/L	96
49) Dibromochloromethane	8.555	129	116878	17.258	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6325	1.538	ug/L #	65

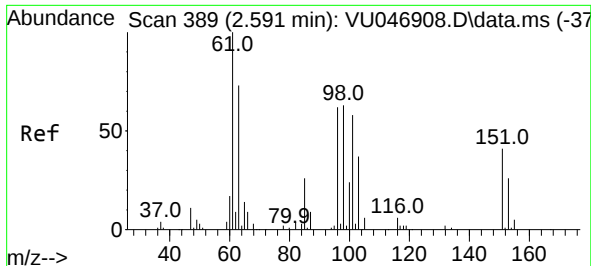
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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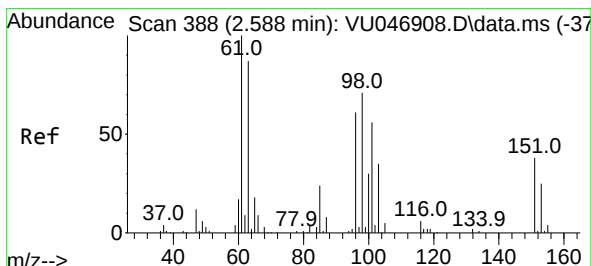
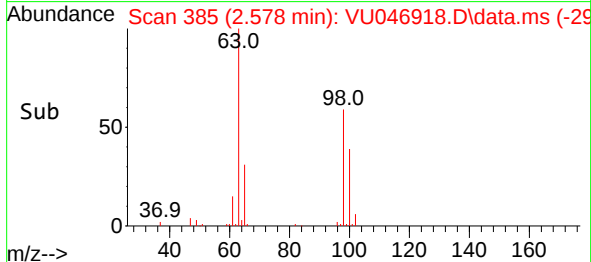
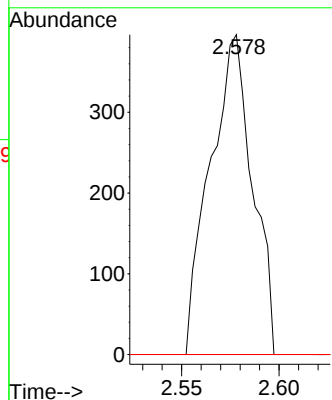
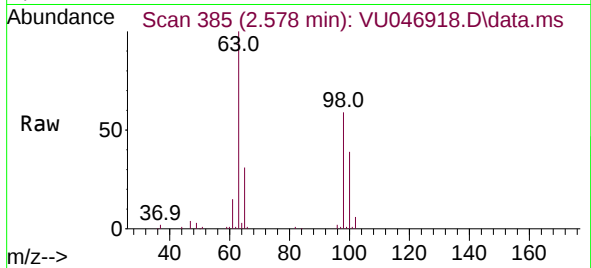




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.098 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU046918.D
 Acq: 31 Jan 2022 15:26

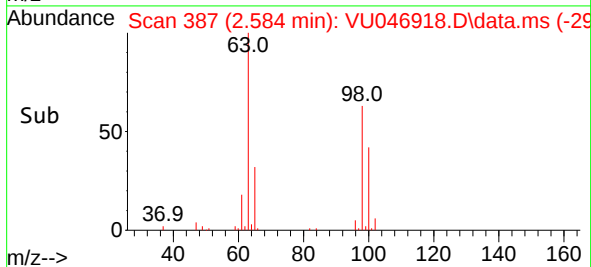
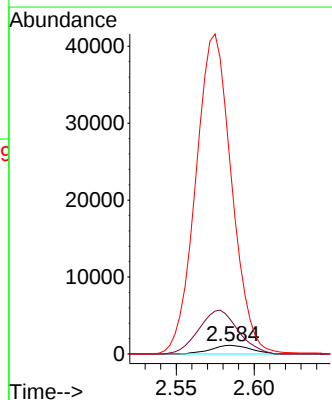
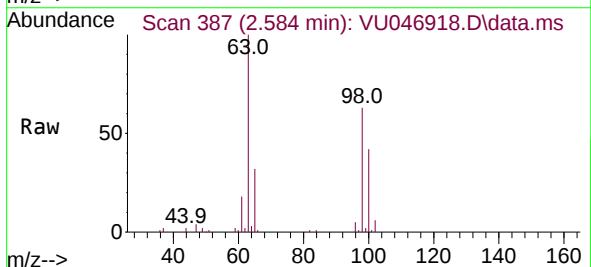
Instrument :
 MSVOA_U
 ClientSampleId :

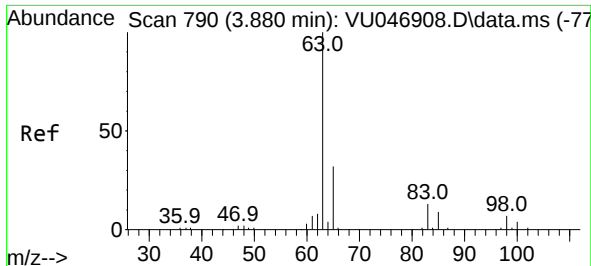
Tgt Ion:101 Resp: 599
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.339 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046918.D
 Acq: 31 Jan 2022 15:26

Tgt Ion: 96 Resp: 1972
 Ion Ratio Lower Upper
 96 100
 61 405.4 124.7 231.5#
 63 2211.8 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.574 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU046918.D

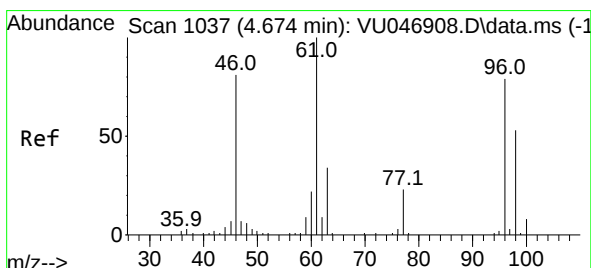
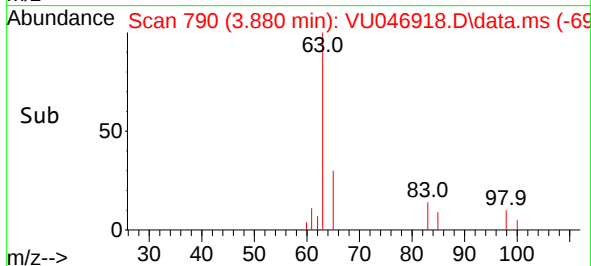
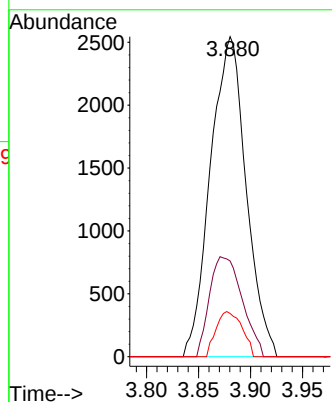
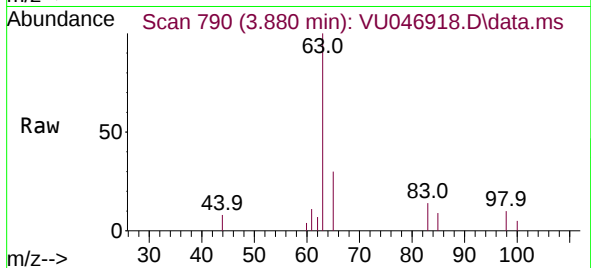
Acq: 31 Jan 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 6080
Ion Ratio	Lower Upper
63 100	
65 29.9	22.3 41.5
83 13.5	9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 6.435 ug/L

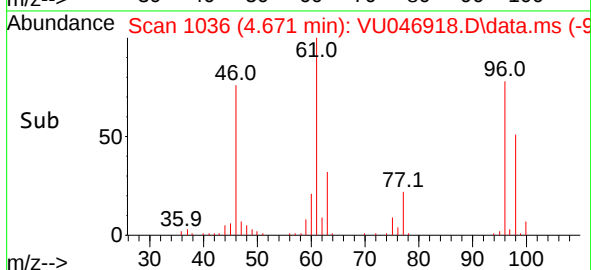
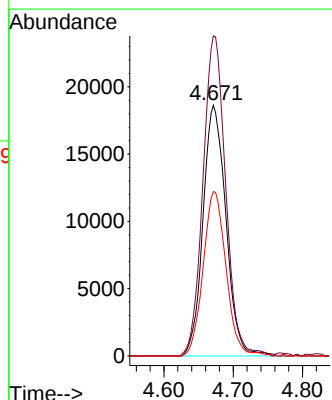
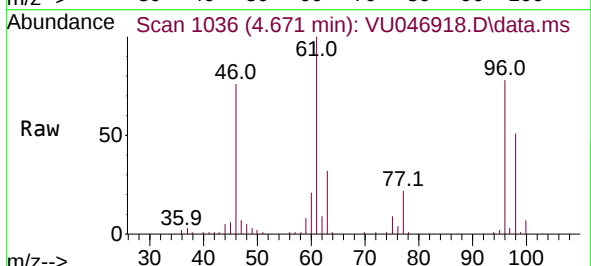
RT: 4.671 min Scan# 1036

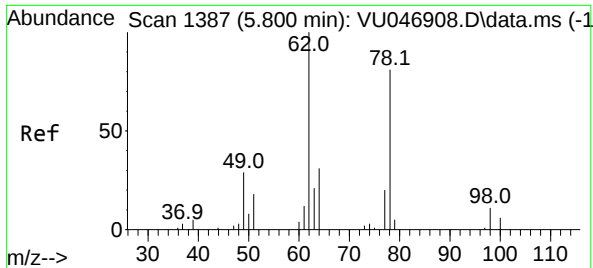
Delta R.T. -0.003 min

Lab File: VU046918.D

Acq: 31 Jan 2022 15:26

Tgt Ion: 96	Resp: 42805
Ion Ratio	Lower Upper
96 100	
61 127.7	88.5 164.3
98 65.6	44.4 82.5

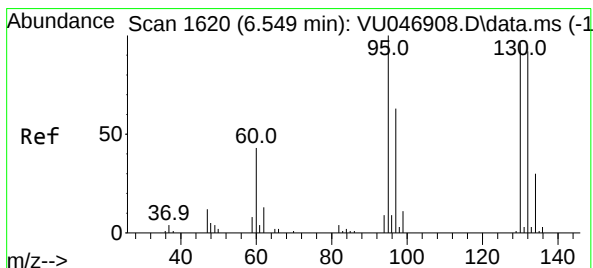
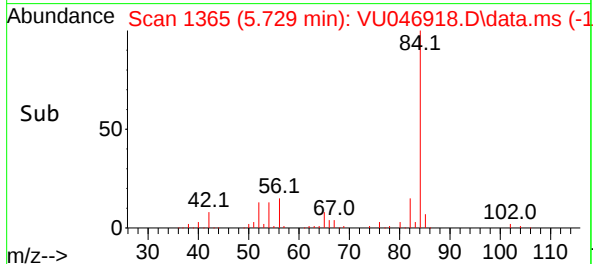
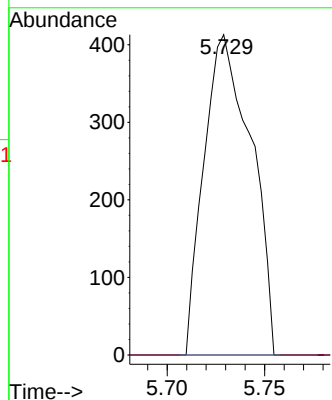
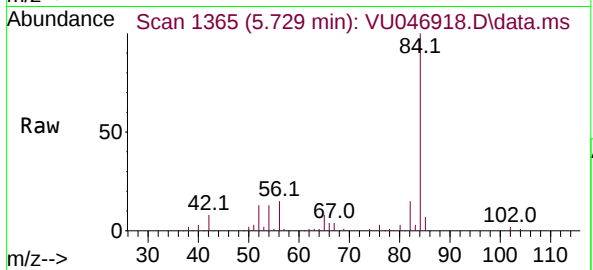




#27
1,2-Dichloroethane
Concen: 0.094 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046918.D
Acq: 31 Jan 2022 15:26

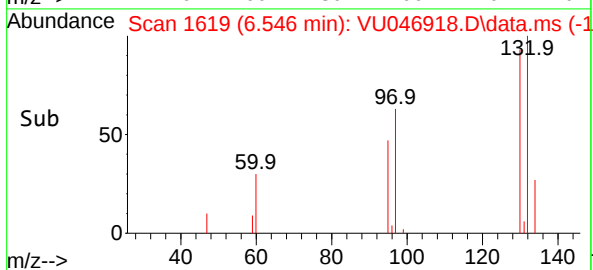
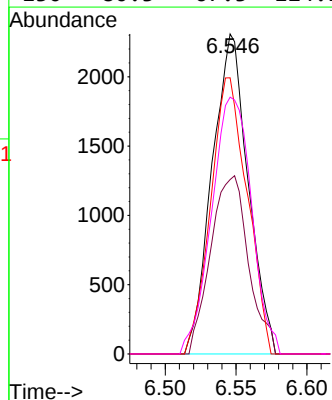
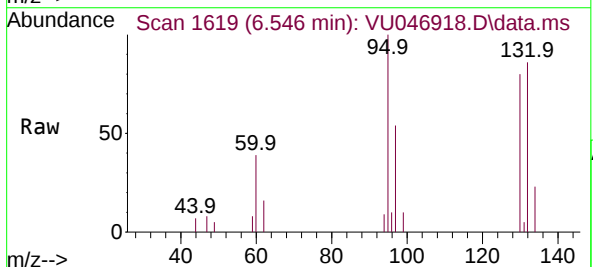
Instrument :
MSVOA_U
ClientSampleId :

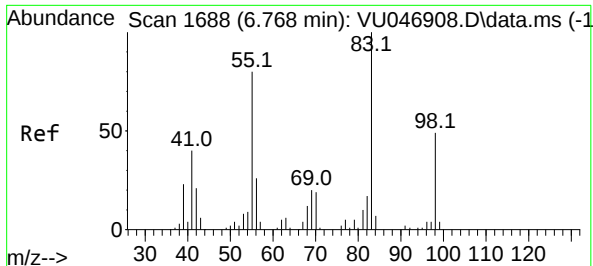
Tgt Ion: 62 Resp: 694
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#34
Trichloroethene
Concen: 0.571 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046918.D
Acq: 31 Jan 2022 15:26

Tgt Ion: 95 Resp: 4079
Ion Ratio Lower Upper
95 100
97 54.5 46.5 86.5
132 86.3 65.1 120.9
130 80.3 67.3 124.9

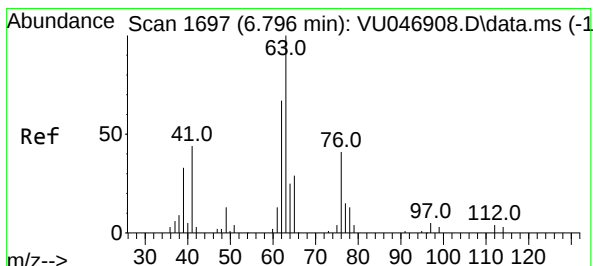
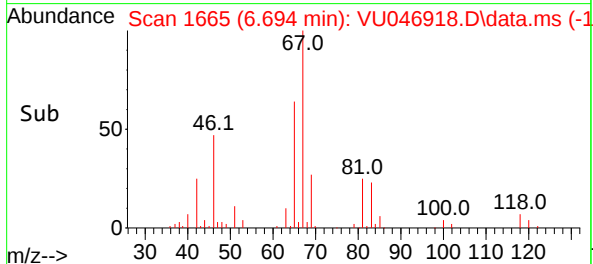
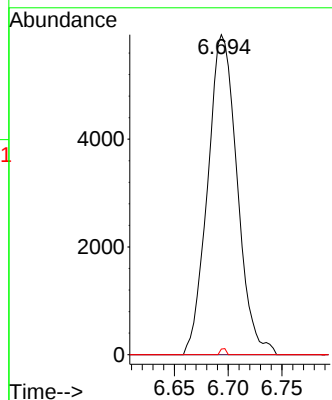
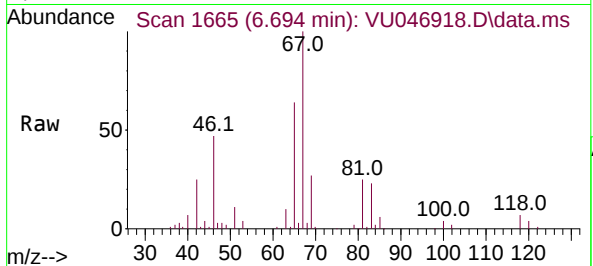




#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046918.D
Acq: 31 Jan 2022 15:26

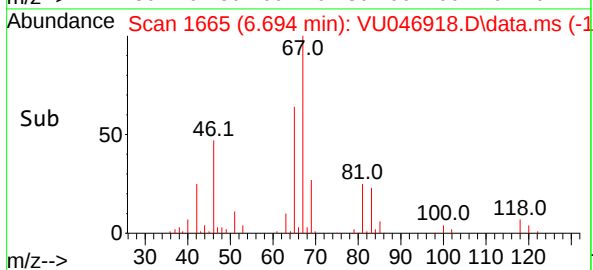
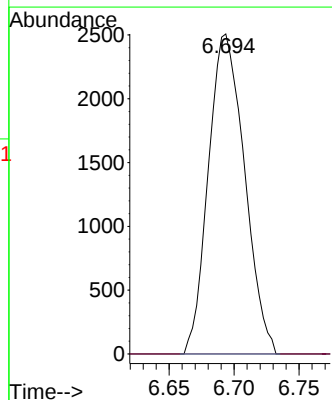
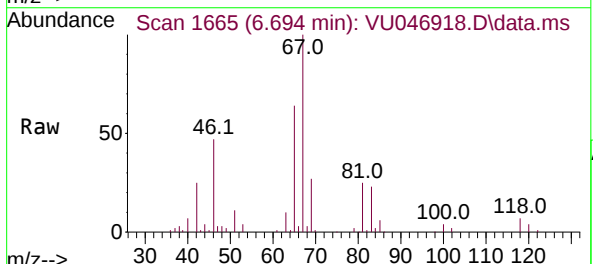
Instrument :
MSVOA_U
ClientSampleId :

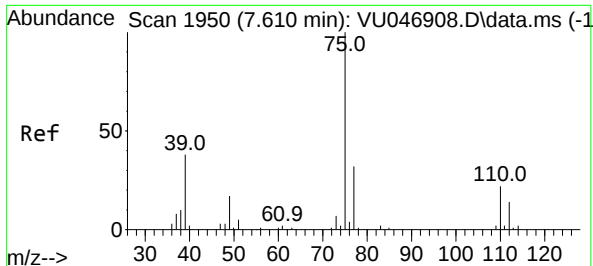
Tgt Ion: 83 Resp: 11345
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046918.D
Acq: 31 Jan 2022 15:26

Tgt Ion: 63 Resp: 4855
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046918.D

Acq: 31 Jan 2022 15:26

Instrument :

MSVOA_U

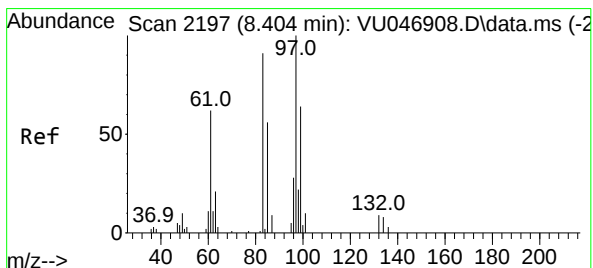
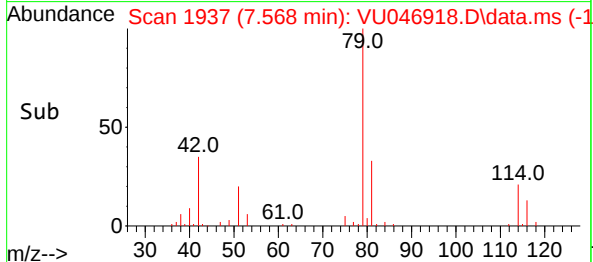
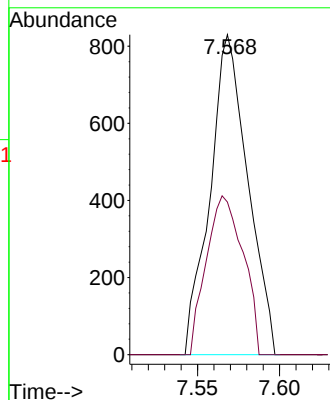
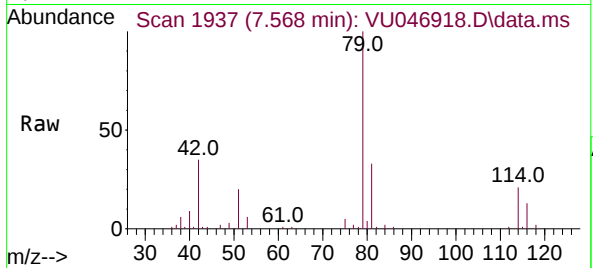
ClientSampleId :

Tgt Ion: 75 Resp: 1329

Ion Ratio Lower Upper

75 100

77 47.7 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.184 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046918.D

Acq: 31 Jan 2022 15:26

Tgt Ion: 97 Resp: 1059

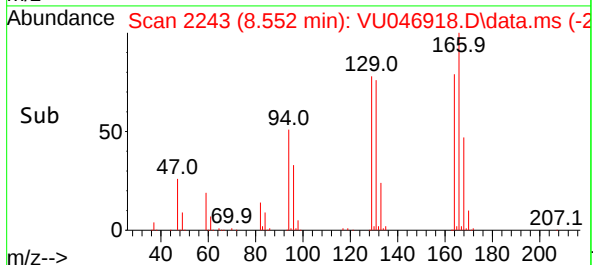
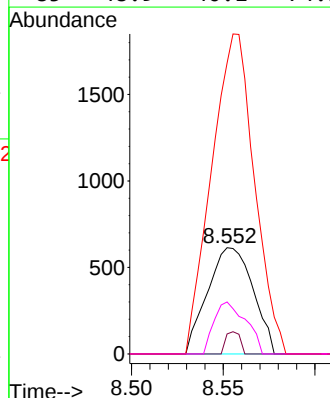
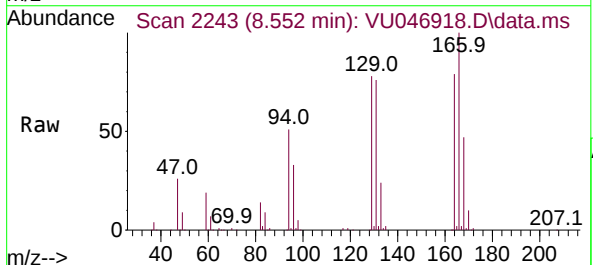
Ion Ratio Lower Upper

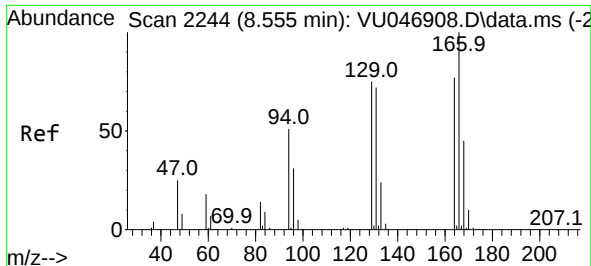
97 100

99 18.7 42.3 78.5#

83 273.9 62.0 115.2#

85 48.9 40.1 74.5





#47

Tetrachloroethene

Concen: 20.514 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

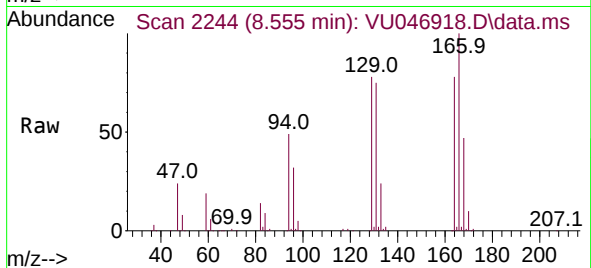
Lab File: VU046918.D

Acq: 31 Jan 2022 15:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 119158

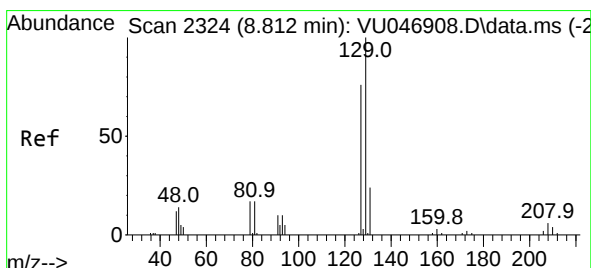
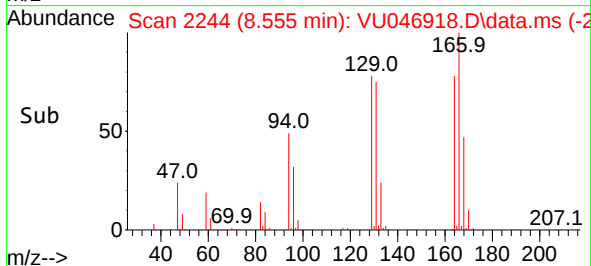
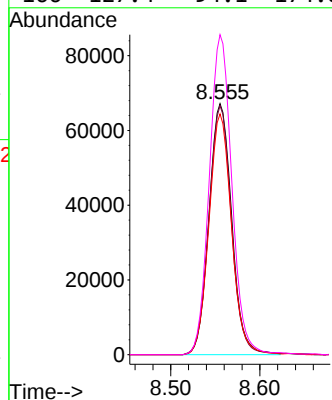
Ion Ratio Lower Upper

164 100

129 99.1 71.8 133.4

131 95.9 68.5 127.3

166 127.4 94.1 174.8



#49

Dibromochloromethane

Concen: 17.258 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046918.D

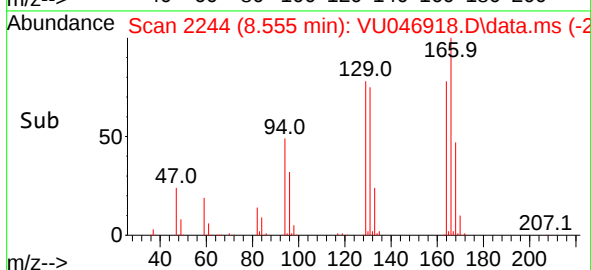
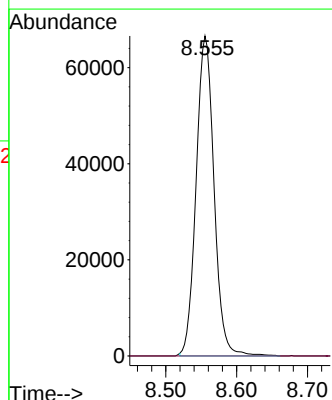
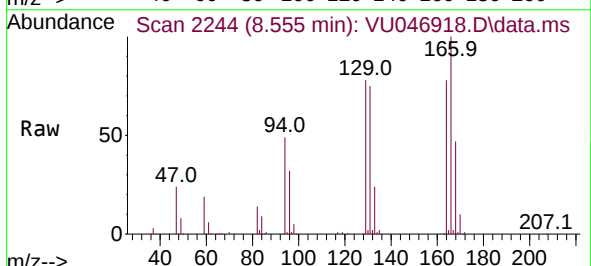
Acq: 31 Jan 2022 15:26

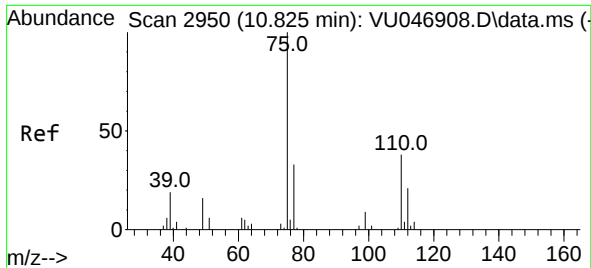
Tgt Ion:129 Resp: 116878

Ion Ratio Lower Upper

129 100

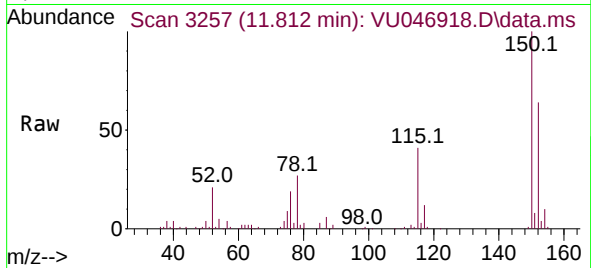
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.538 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046918.D
 Acq: 31 Jan 2022 15:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6325
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 29.6 25.5 38.3

