

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046912.D
 Acq On : 31 Jan 2022 12:59
 Operator : SY/MD
 Sample : N1328-03 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:25:16 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)

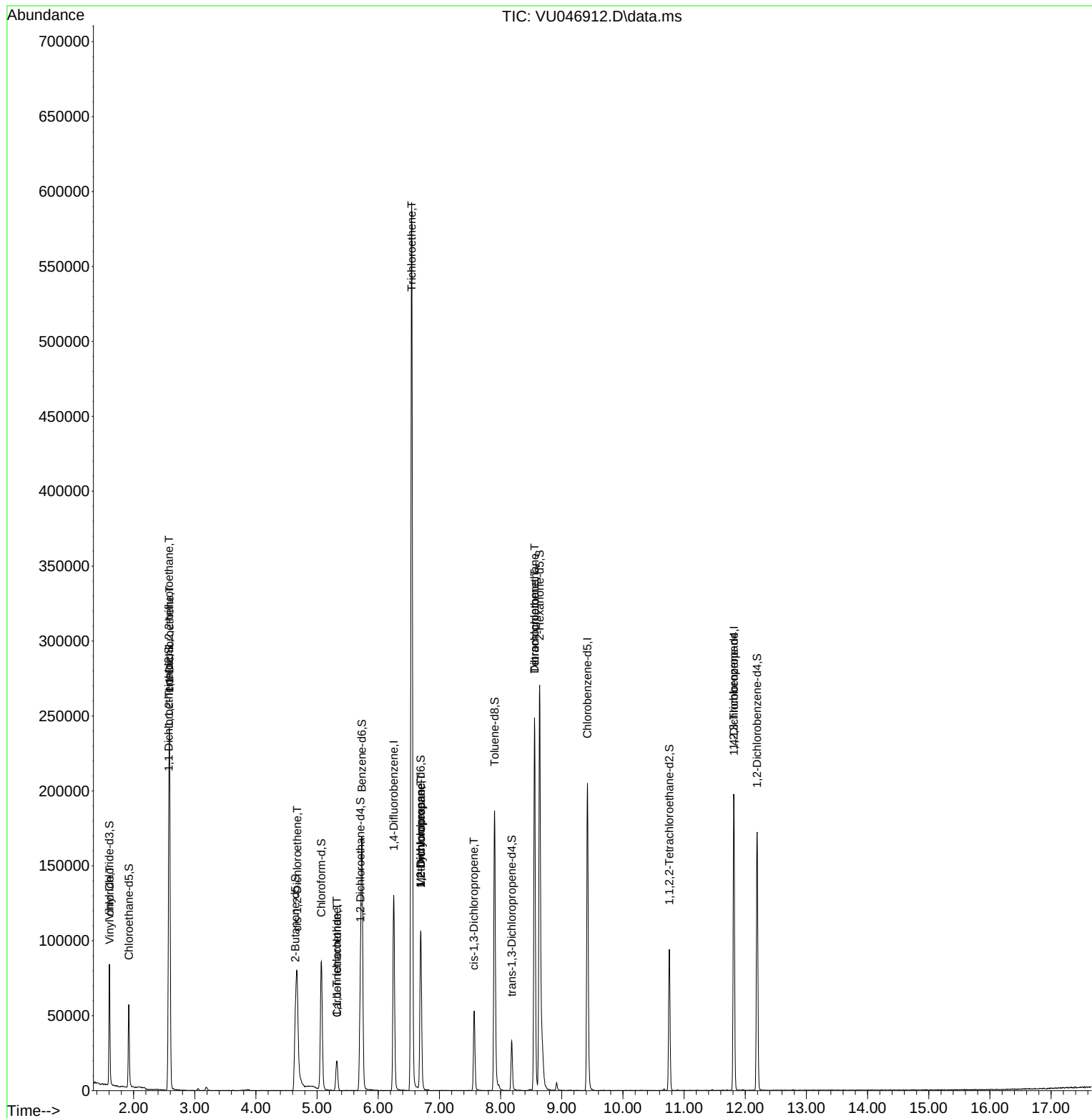
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	52686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55909	6.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%
7) Chloroethane-d5	1.922	69	42340	5.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.575	65	21411	5.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.600%
20) 2-Butanone-d5	4.645	46	115935	42.412	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.820%
24) Chloroform-d	5.070	84	81851	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.706	65	45774	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.732	84	163802	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.693	67	52674	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.902	98	135359	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.182	79	20166	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	120469	43.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48052	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	46480	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	6355	0.724	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	705	0.111	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	62447	10.270	ug/L	79
22) cis-1,2-Dichloroethene	4.674	96	24327	3.502	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	14997	1.374	ug/L	98
31) Carbon tetrachloride	5.327	117	1941	0.207	ug/L	93
34) Trichloroethene	6.546	95	208684	28.165	ug/L	99
35) Methylcyclohexane	6.693	83	12212	0.984	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	5388	0.770	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1388	0.127	ug/L #	71
47) Tetrachloroethene	8.555	164	55266	9.171	ug/L	98
49) Dibromochloromethane	8.555	129	55948	7.963	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6601	1.479	ug/L #	67

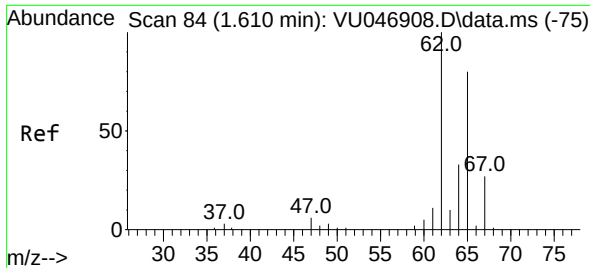
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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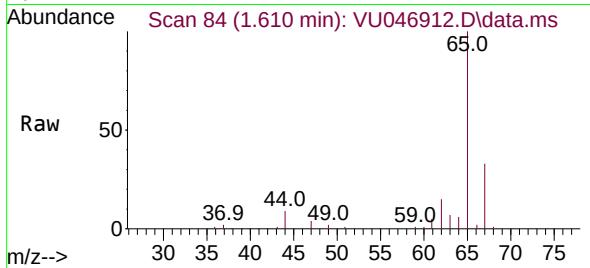
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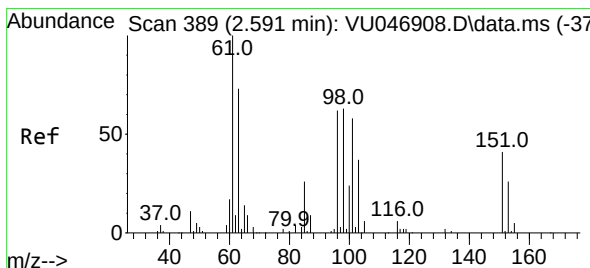
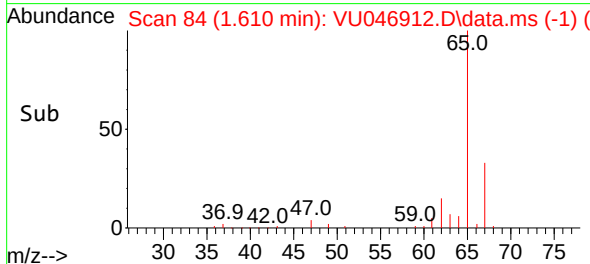
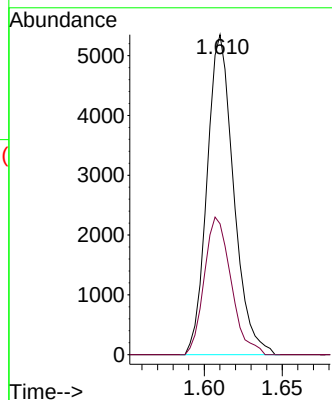


#5
 Vinyl chloride
 Concen: 0.724 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

Instrument :
 MSVOA_U
 ClientSampleId :

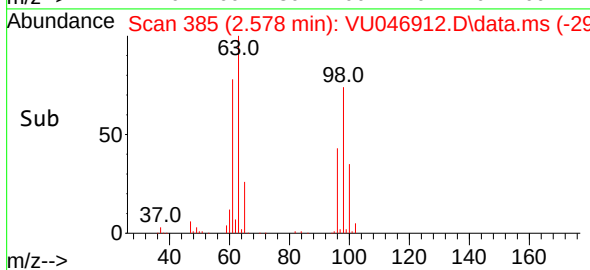
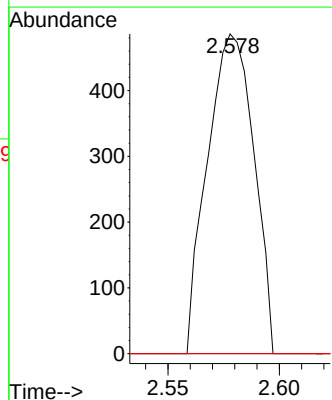
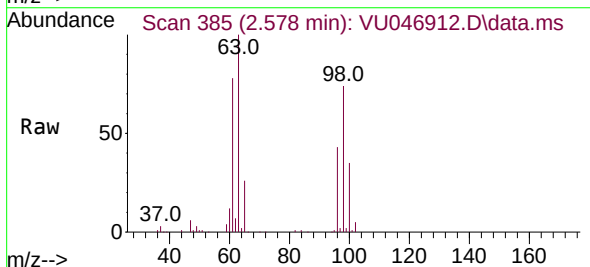


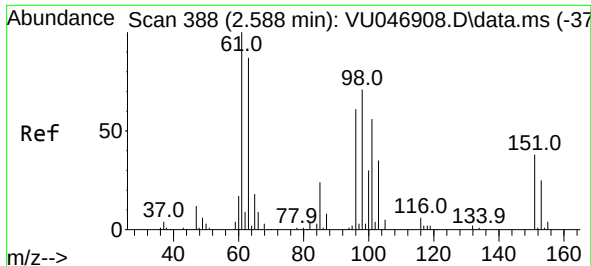
Tgt Ion: 62 Resp: 6355
 Ion Ratio Lower Upper
 62 100
 64 40.9 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.111 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.013 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

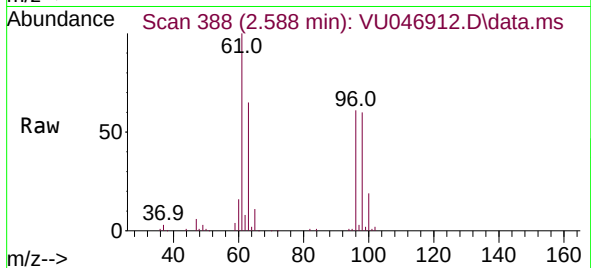
Tgt Ion: 101 Resp: 705
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



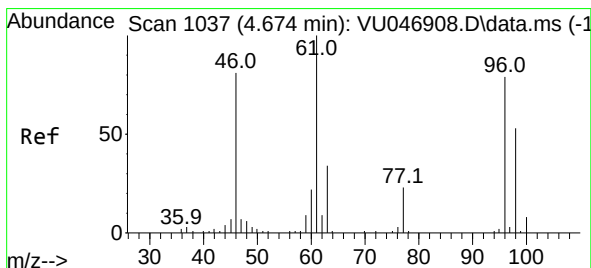
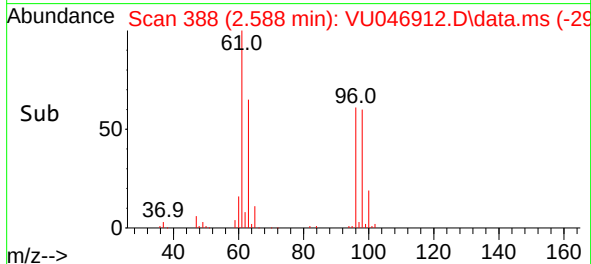
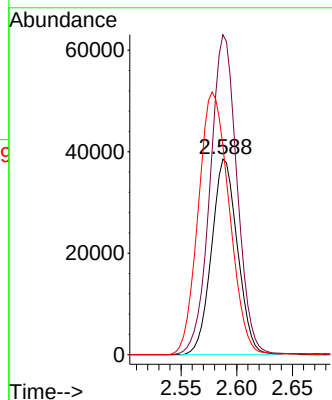


#12
1,1-Dichloroethene
Concen: 10.270 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

Instrument :
MSVOA_U
ClientSampleId :

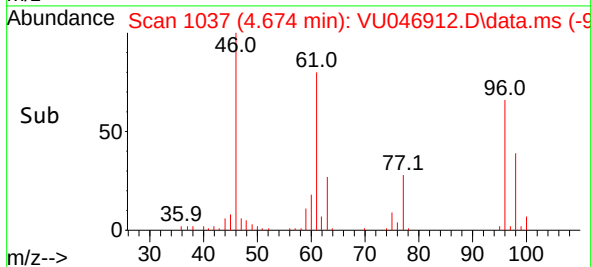
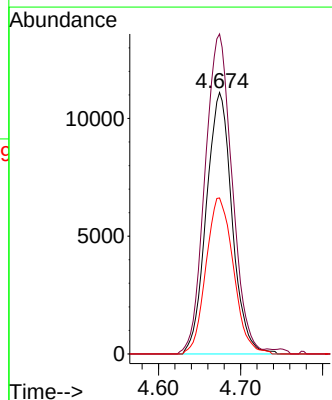
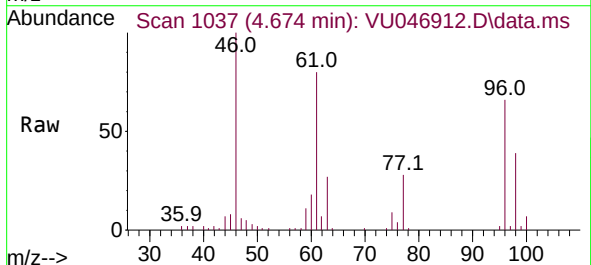


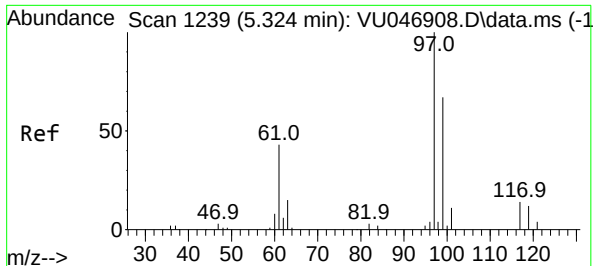
Tgt Ion: 96 Resp: 62447
Ion Ratio Lower Upper
96 100
61 163.7 124.7 231.5
63 106.8 105.2 195.4



#22
cis-1,2-Dichloroethene
Concen: 3.502 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

Tgt Ion: 96 Resp: 24327
Ion Ratio Lower Upper
96 100
61 122.4 88.5 164.3
98 59.7 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 1.374 ug/L

RT: 5.324 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046912.D

Acq: 31 Jan 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :

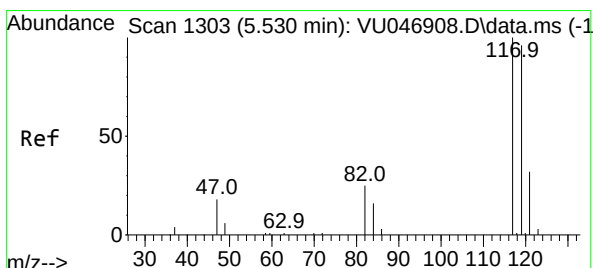
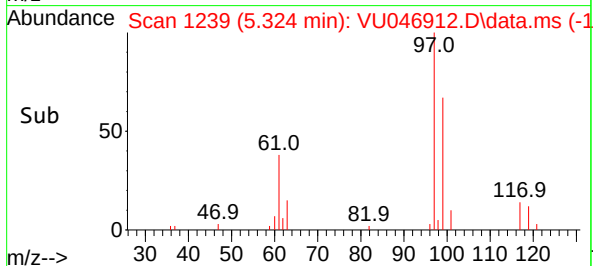
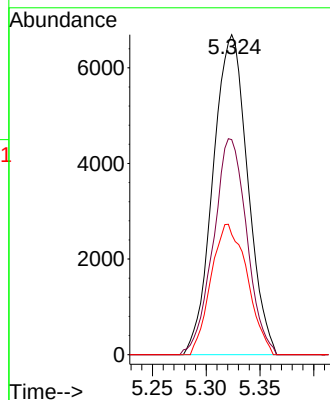
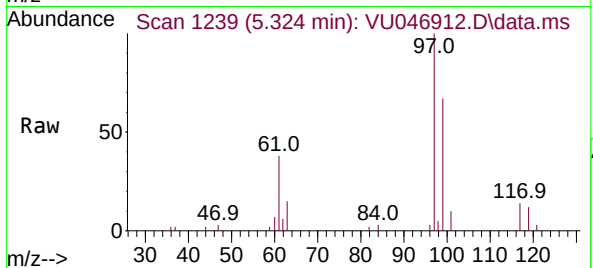
Tgt Ion: 97 Resp: 14997

Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

61 42.6 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.207 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.203 min

Lab File: VU046912.D

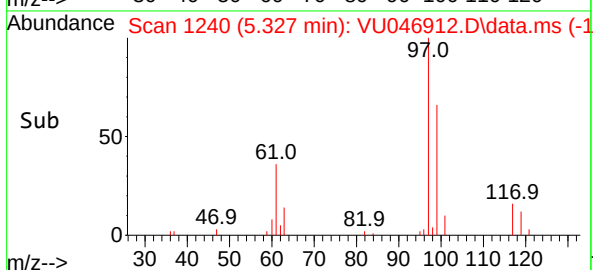
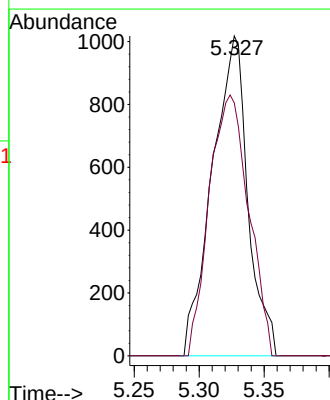
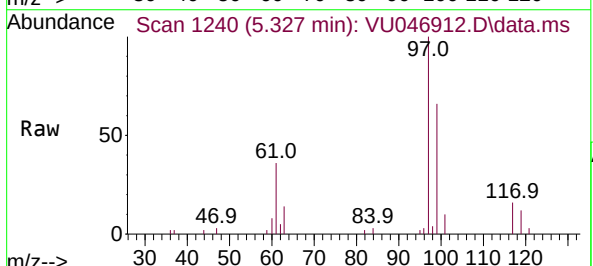
Acq: 31 Jan 2022 12:59

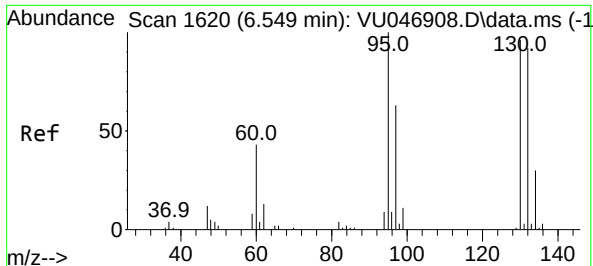
Tgt Ion: 117 Resp: 1941

Ion Ratio Lower Upper

117 100

119 90.0 77.5 116.3

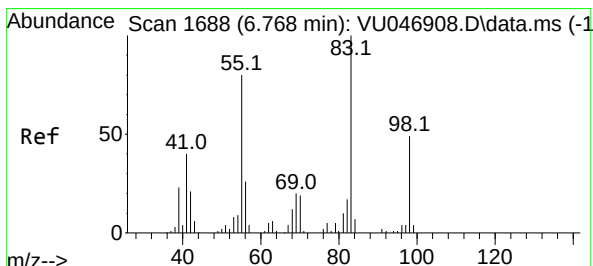
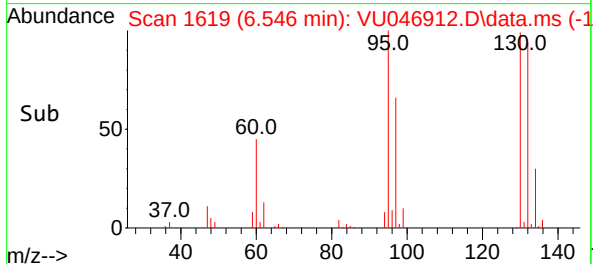
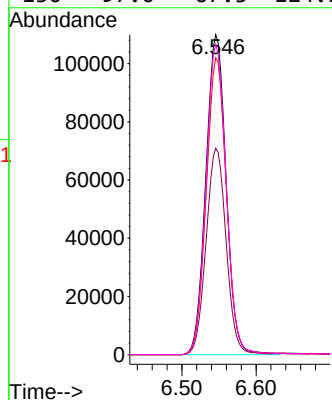
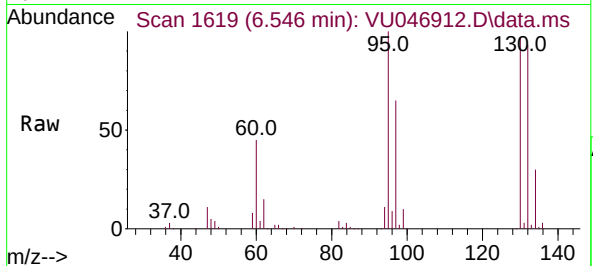




#34
Trichloroethene
Concen: 28.165 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

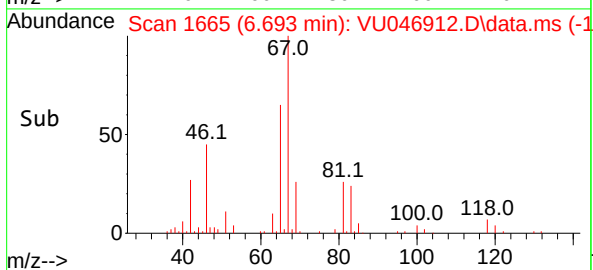
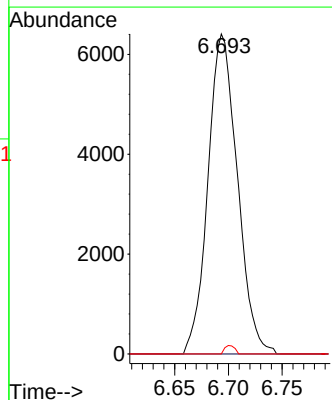
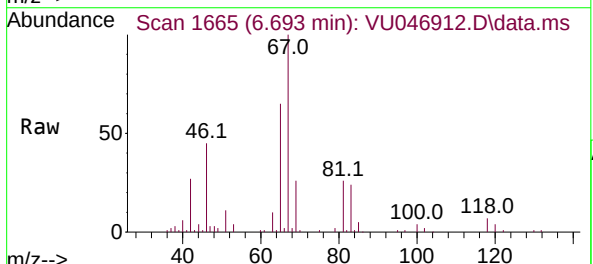
Instrument :
MSVOA_U
ClientSampleId :

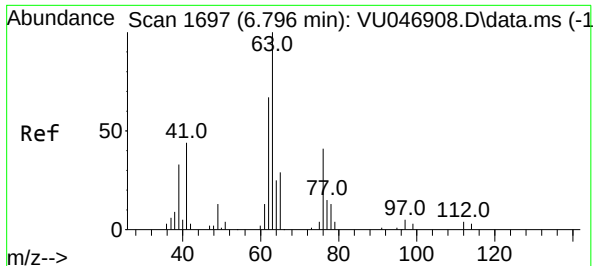
Tgt Ion: 95 Resp: 208684
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 92.7 65.1 120.9
130 97.0 67.3 124.9



#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

Tgt Ion: 83 Resp: 12212
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: 0.770 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046912.D

Acq: 31 Jan 2022 12:59

Instrument :

MSVOA_U

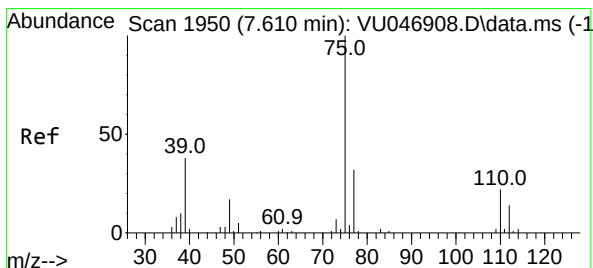
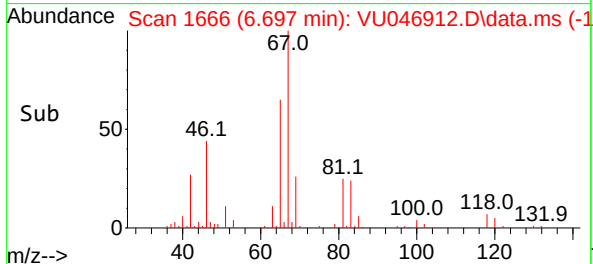
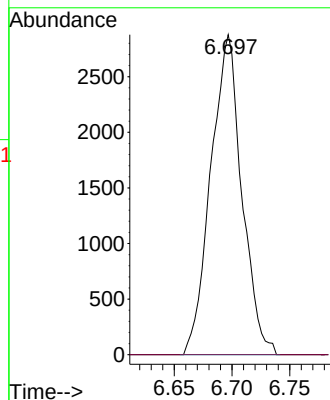
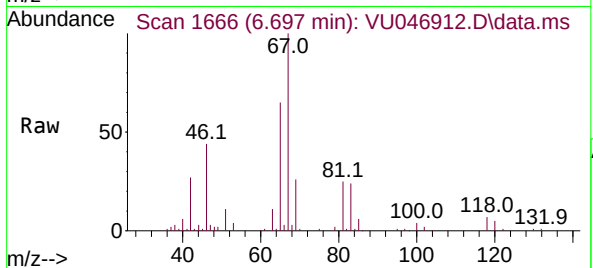
ClientSampleId :

Tgt Ion: 63 Resp: 5388

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046912.D

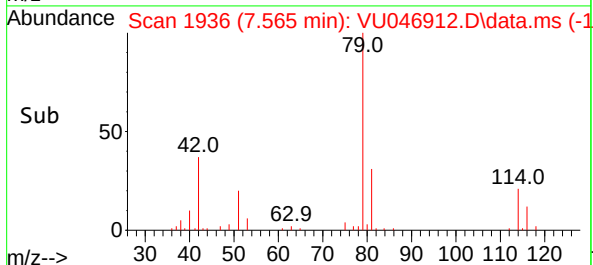
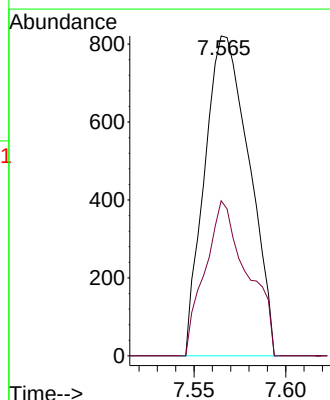
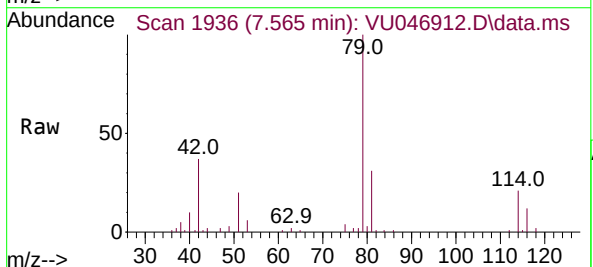
Acq: 31 Jan 2022 12:59

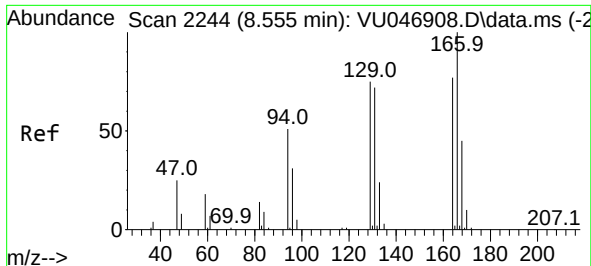
Tgt Ion: 75 Resp: 1388

Ion Ratio Lower Upper

75 100

77 48.5 22.5 41.9#





#47

Tetrachloroethene

Concen: 9.171 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

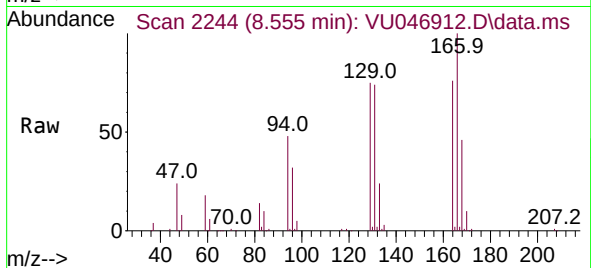
Lab File: VU046912.D

Acq: 31 Jan 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 55266

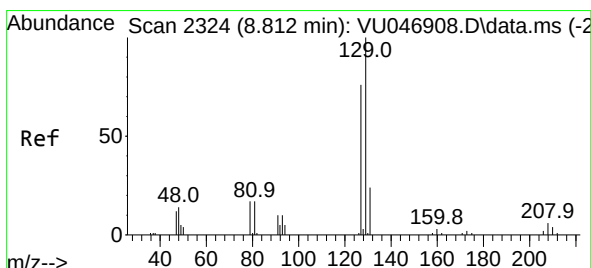
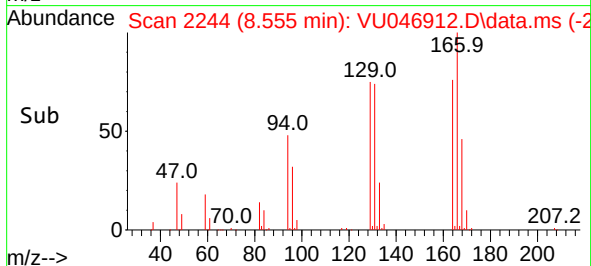
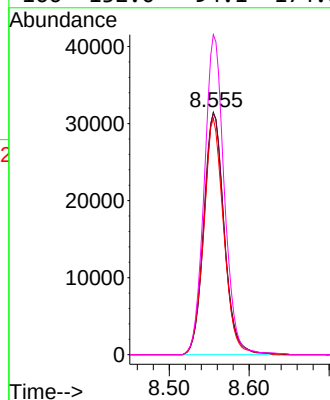
Ion Ratio Lower Upper

164 100

129 99.5 71.8 133.4

131 97.5 68.5 127.3

166 132.0 94.1 174.8



#49

Dibromochloromethane

Concen: 7.963 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046912.D

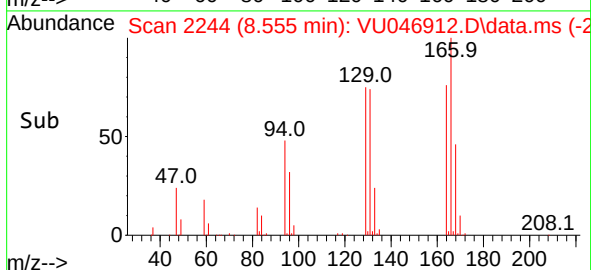
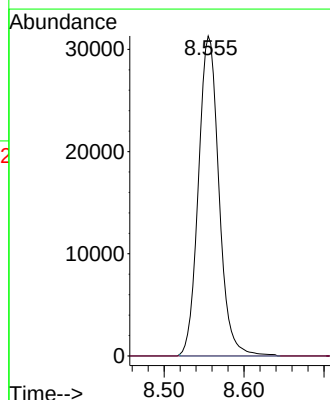
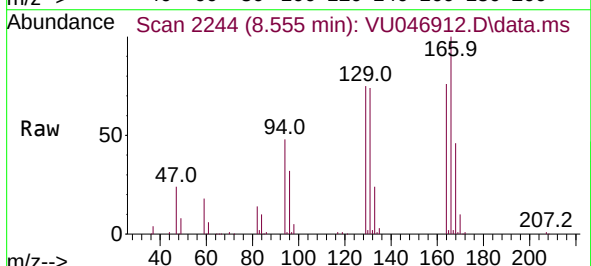
Acq: 31 Jan 2022 12:59

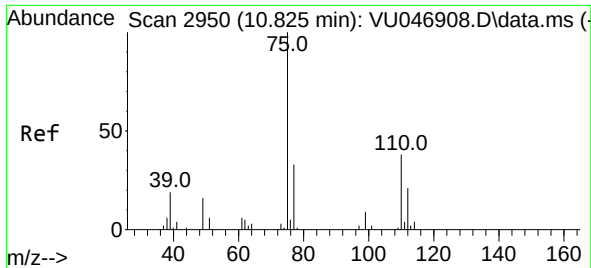
Tgt Ion:129 Resp: 55948

Ion Ratio Lower Upper

129 100

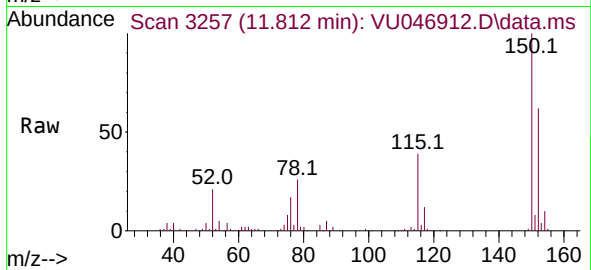
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.479 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6601
 Ion Ratio Lower Upper
 75 100
 110 1.3 29.9 44.9#
 77 31.5 25.5 38.3

