

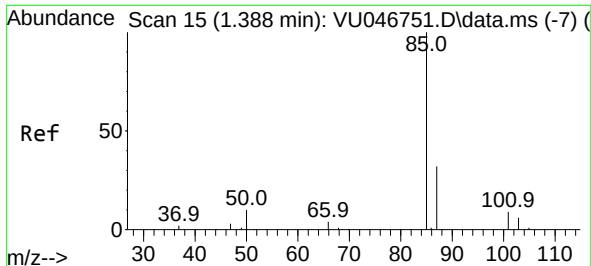
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046788.D
 Acq On : 18 Jan 2022 17:45
 Operator : SY/MD
 Sample : N1179-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 07:24:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 06:55:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	119157	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	122091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47301	4.685	ug/L	0.00
7) Chloroethane-d5	1.919	69	39432	4.957	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	19659	4.895	ug/L	0.00
20) 2-Butanone-d5	4.649	46	155909	52.122	ug/L	0.00
24) Chloroform-d	5.067	84	85043	4.798	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	47921	4.965	ug/L	0.00
32) Benzene-d6	5.729	84	176082	4.907	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	54232	5.034	ug/L	0.00
41) Toluene-d8	7.899	98	153384	4.670	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	21933	4.636	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	139495	49.792	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53167	4.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	59677	5.030	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2035	0.182	ug/L	99
3) Chloromethane	1.523	50	4543	0.492	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3048	0.438	ug/L #	84
12) 1,1-Dichloroethene	2.584	96	7016	1.055	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	5732	0.474	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	15237	2.004	ug/L	97
25) Chloroform	5.092	83	13176	0.686	ug/L	98
27) 1,2-Dichloroethane	5.729	62	796	0.094	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	3050	0.277	ug/L	90
31) Carbon tetrachloride	5.530	117	10711	1.135	ug/L	99
34) Trichloroethene	6.542	95	53591	7.181	ug/L	96
35) Methylcyclohexane	6.694	83	13052	1.044	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5480	0.777	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1267	0.115	ug/L #	76
47) Tetrachloroethene	8.555	164	33799	5.568	ug/L	93
49) Dibromochloromethane	8.555	129	31050	4.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7100	1.324	ug/L #	67

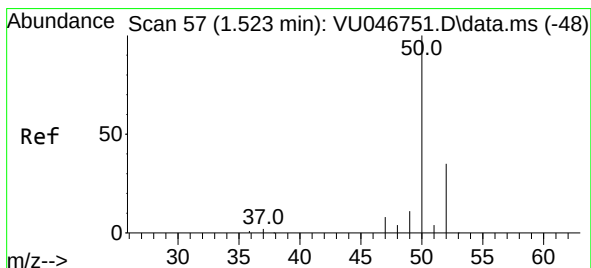
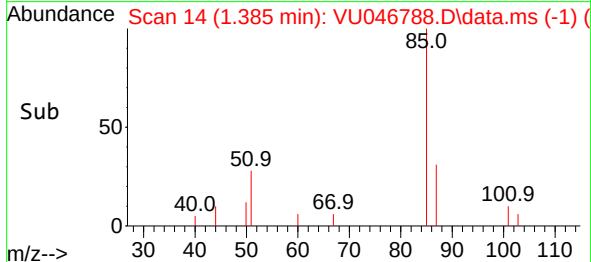
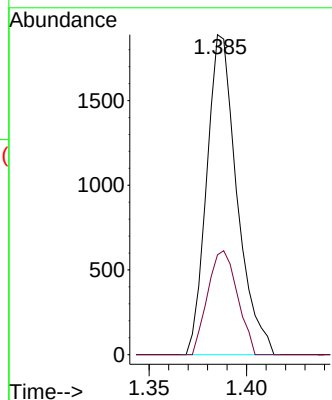
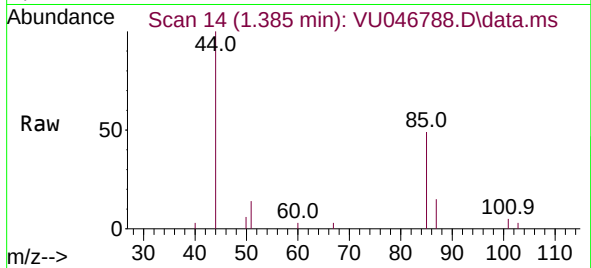
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.182 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046788.D
Acq: 18 Jan 2022 17:45

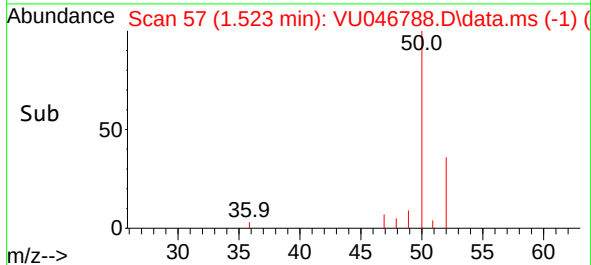
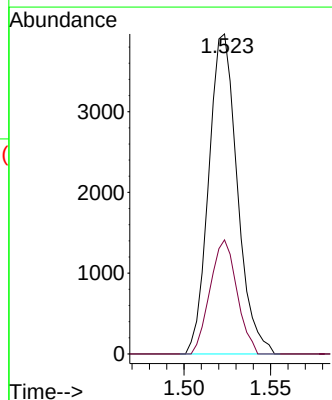
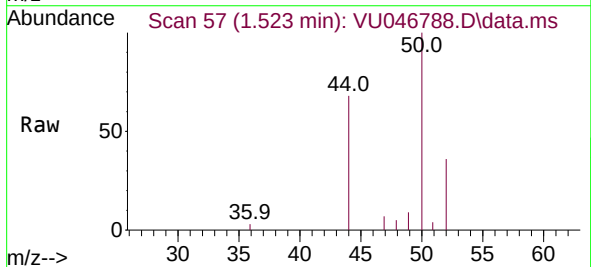
Instrument :
MSVOA_U
ClientSampleId :

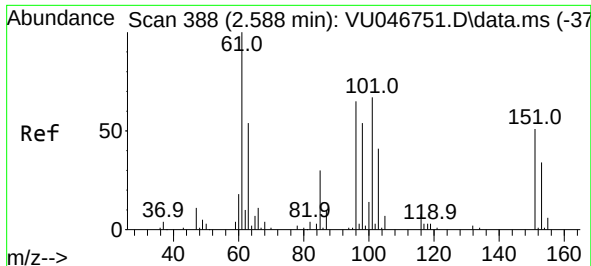
Tgt Ion: 85 Resp: 2035
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.6



#3
Chloromethane
Concen: 0.492 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046788.D
Acq: 18 Jan 2022 17:45

Tgt Ion: 50 Resp: 4543
Ion Ratio Lower Upper
50 100
52 35.6 23.0 42.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.438 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

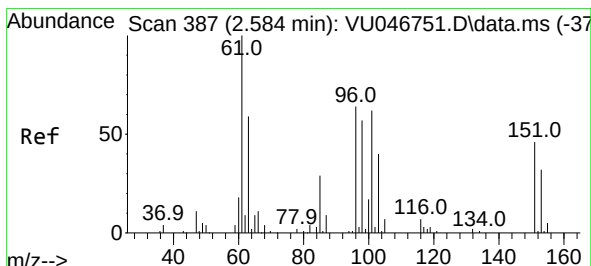
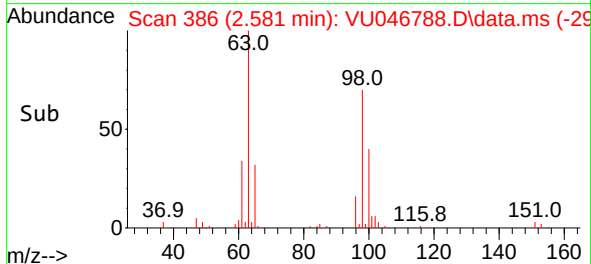
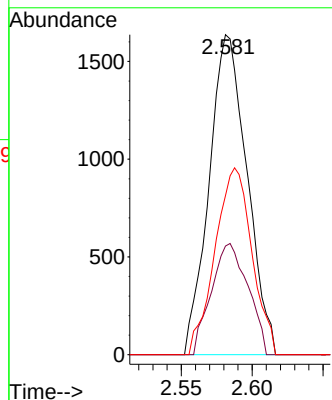
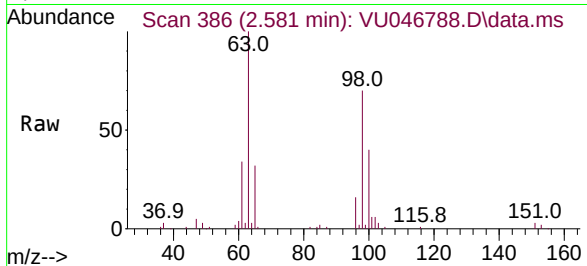
Tgt Ion:101 Resp: 3048

Ion Ratio Lower Upper

101 100

85 33.6 34.6 51.8#

151 57.0 56.1 84.1



#12

1,1-Dichloroethene

Concen: 1.055 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

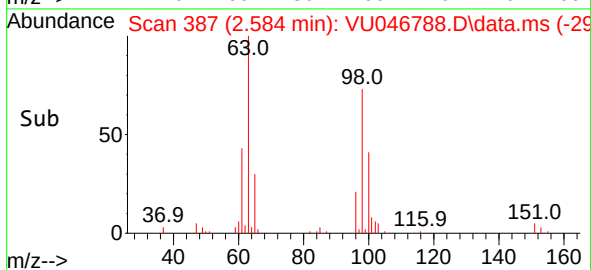
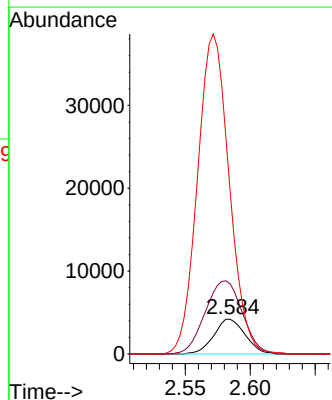
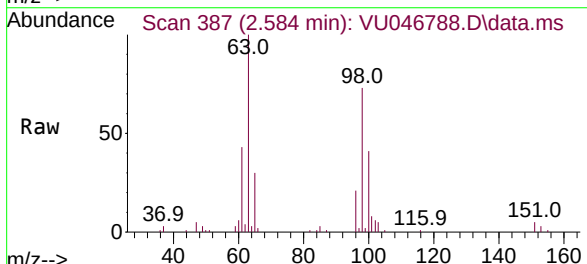
Tgt Ion: 96 Resp: 7016

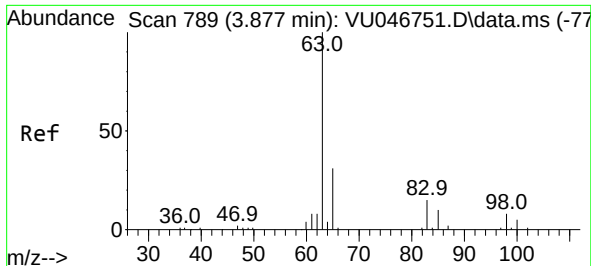
Ion Ratio Lower Upper

96 100

61 201.7 124.7 231.5

63 468.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.474 ug/L

RT: 3.870 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046788.D

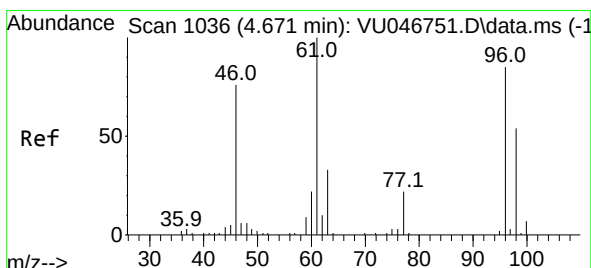
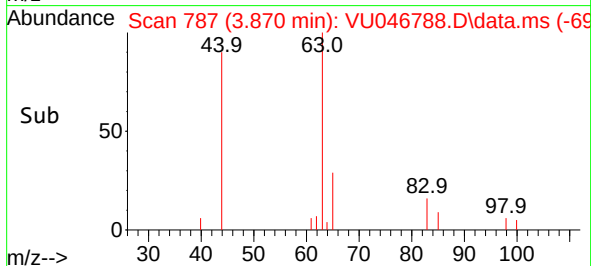
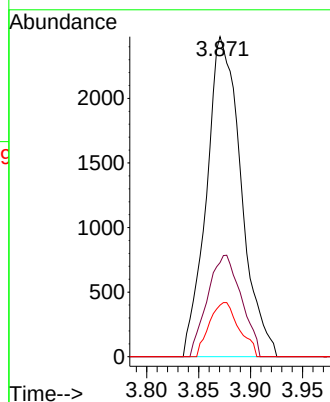
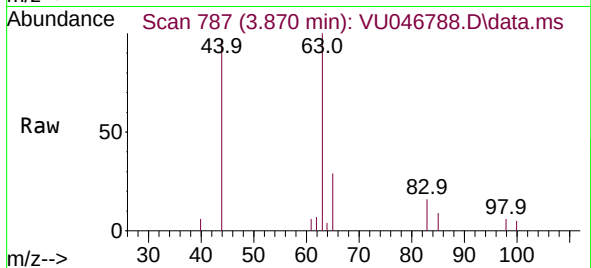
Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 5732
Ion Ratio	Lower Upper
63 100	
65 29.4	22.3 41.5
83 16.1	9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 2.004 ug/L

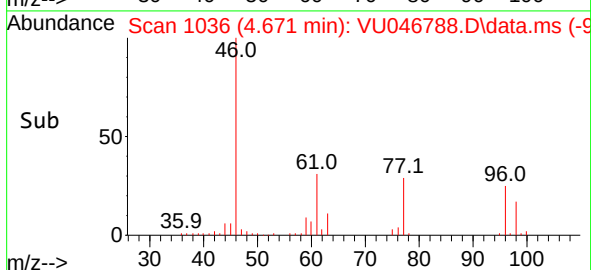
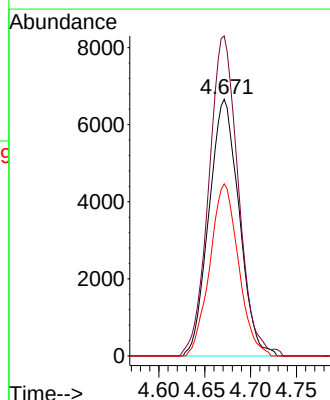
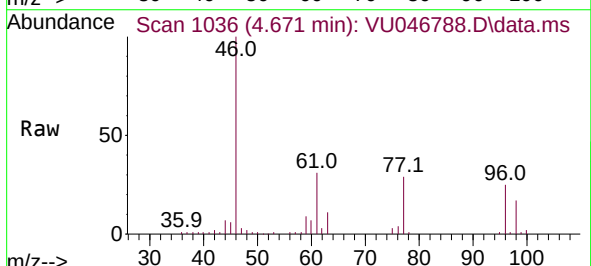
RT: 4.671 min Scan# 1036

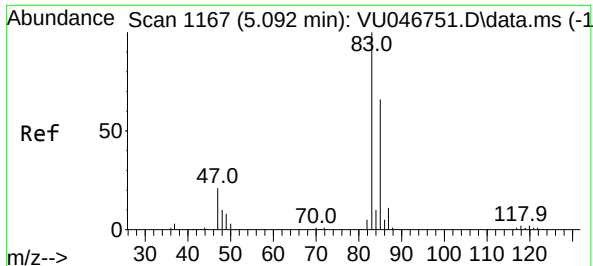
Delta R.T. -0.000 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Tgt Ion: 96	Resp: 15237
Ion Ratio	Lower Upper
96 100	
61 124.7	88.5 164.3
98 67.1	44.4 82.5





#25

Chloroform

Concen: 0.686 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

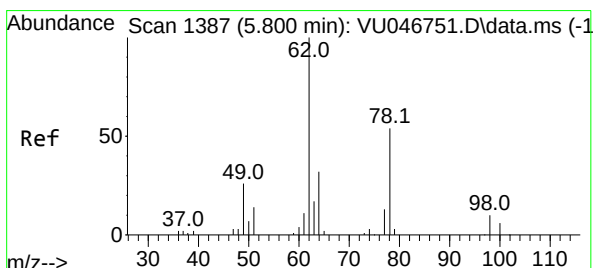
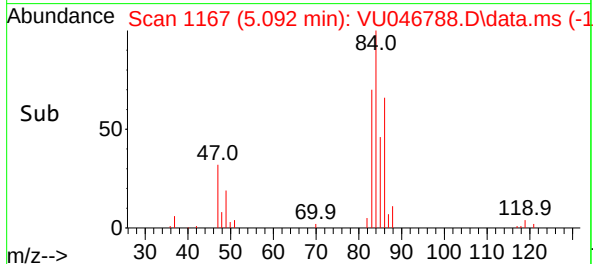
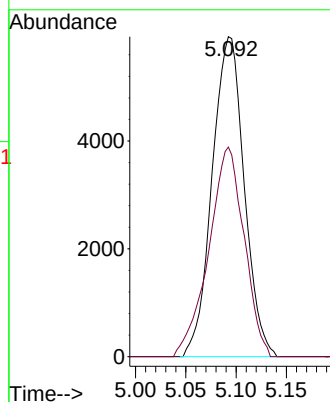
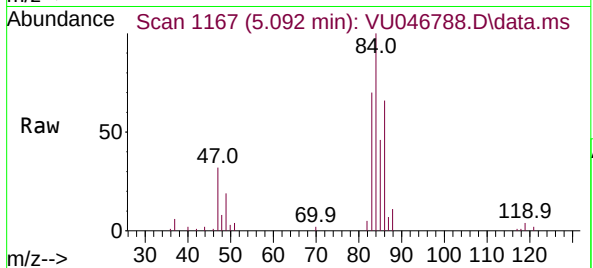
ClientSampleId :

Tgt Ion: 83 Resp: 13176

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU046788.D

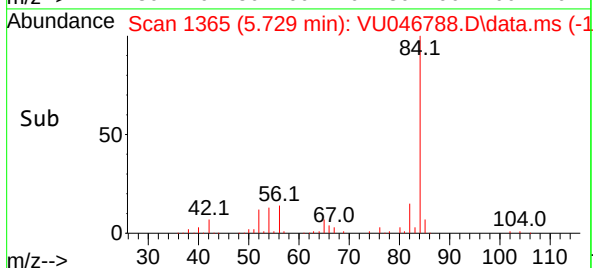
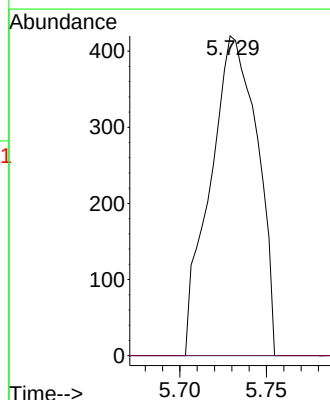
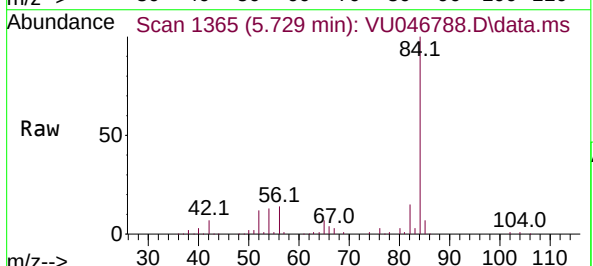
Acq: 18 Jan 2022 17:45

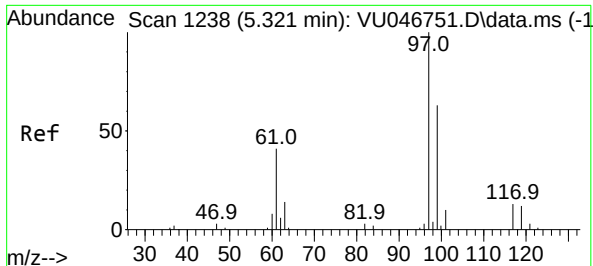
Tgt Ion: 62 Resp: 796

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.277 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

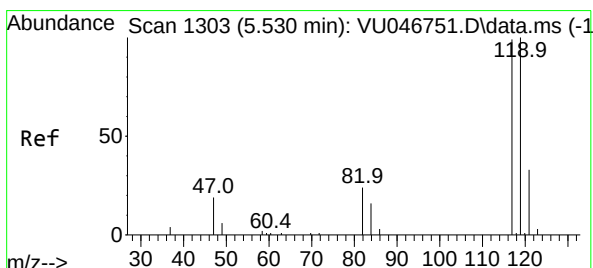
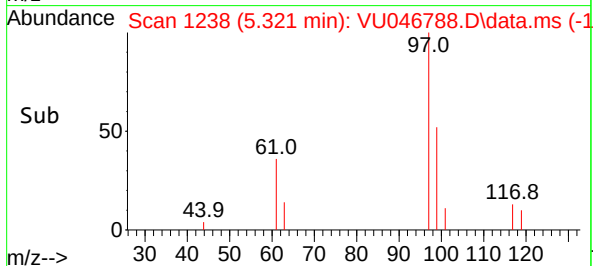
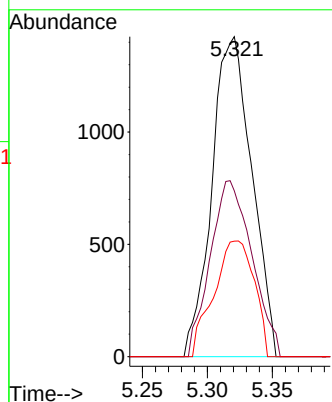
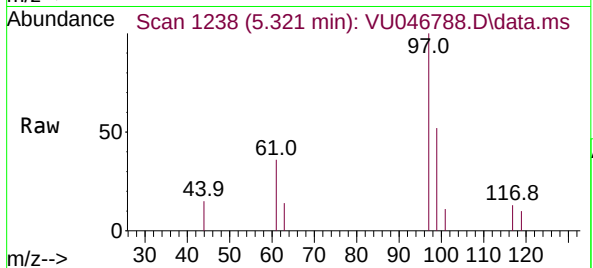
Tgt Ion: 97 Resp: 3050

Ion Ratio Lower Upper

97 100

99 57.3 51.3 76.9

61 36.6 36.1 54.1



#31

Carbon tetrachloride

Concen: 1.135 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU046788.D

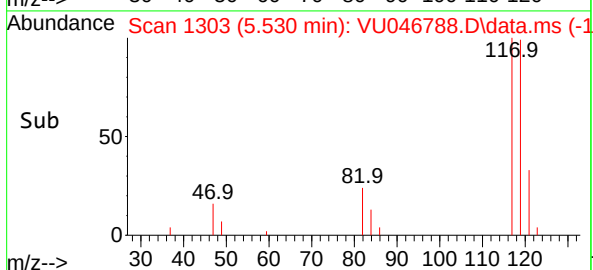
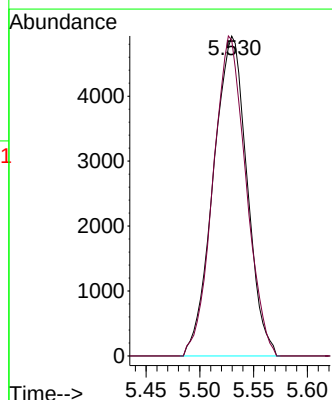
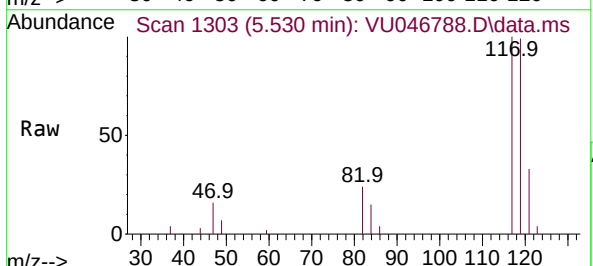
Acq: 18 Jan 2022 17:45

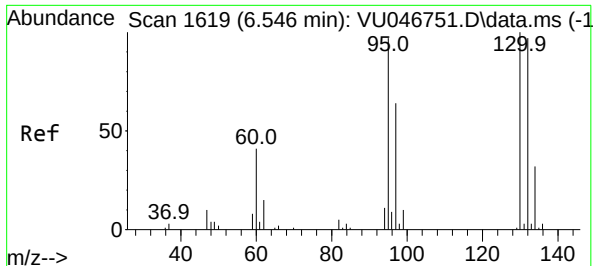
Tgt Ion: 117 Resp: 10711

Ion Ratio Lower Upper

117 100

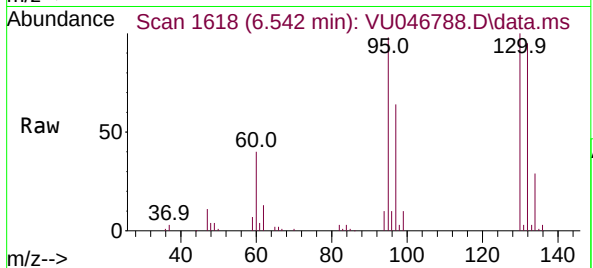
119 97.7 77.5 116.3



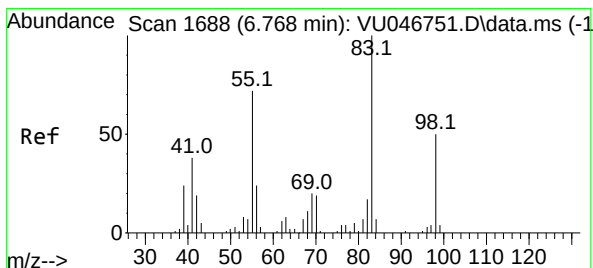
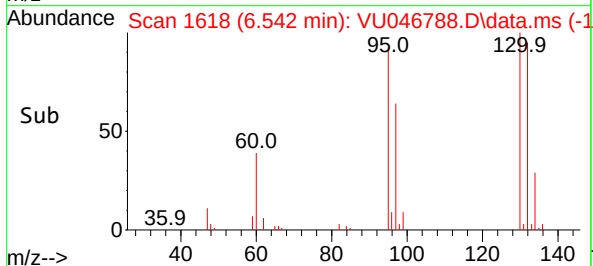
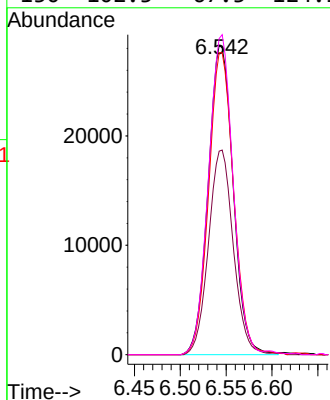


#34
Trichloroethene
Concen: 7.181 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046788.D
Acq: 18 Jan 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :

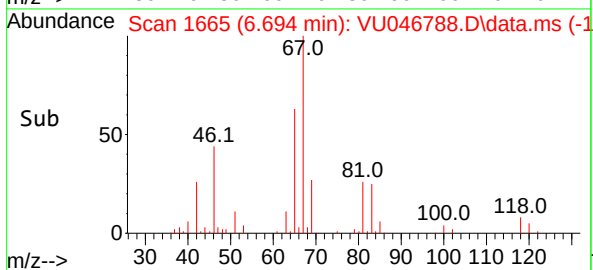
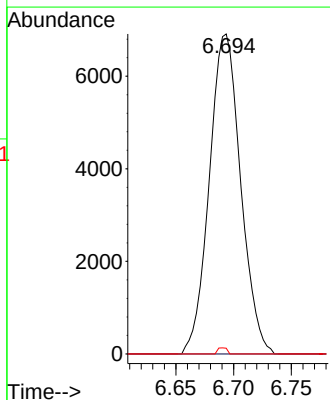
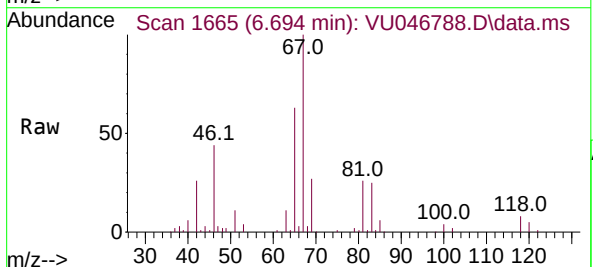


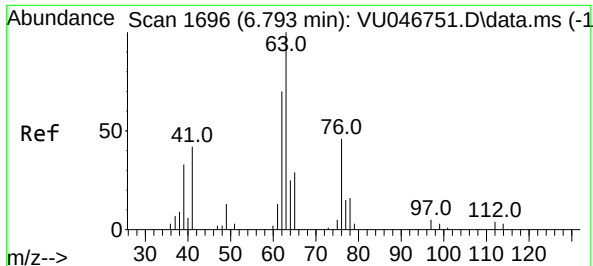
Tgt Ion:	95	Resp:	53591
Ion Ratio	100	Lower	Upper
97	65.8	46.5	86.5
132	97.7	65.1	120.9
130	102.3	67.3	124.9



#35
Methylcyclohexane
Concen: 1.044 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046788.D
Acq: 18 Jan 2022 17:45

Tgt Ion:	83	Resp:	13052
Ion Ratio	100	Lower	Upper
55	0.0	61.9	92.9#
98	0.6	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.777 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

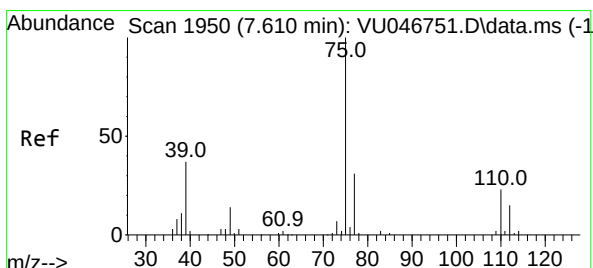
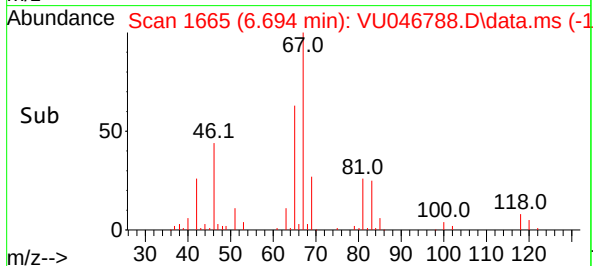
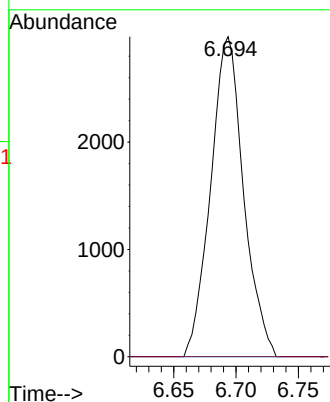
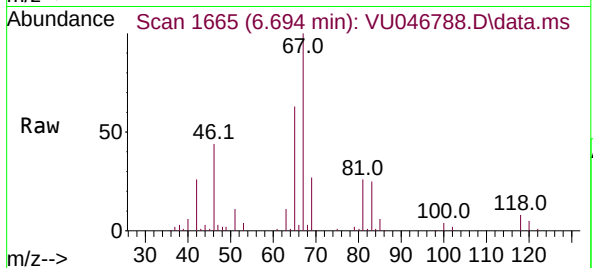
ClientSampleId :

Tgt Ion: 63 Resp: 5480

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046788.D

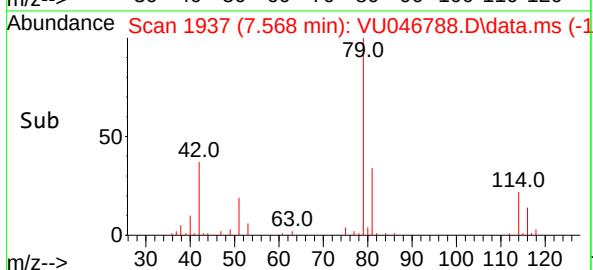
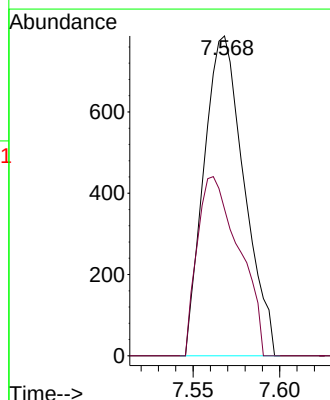
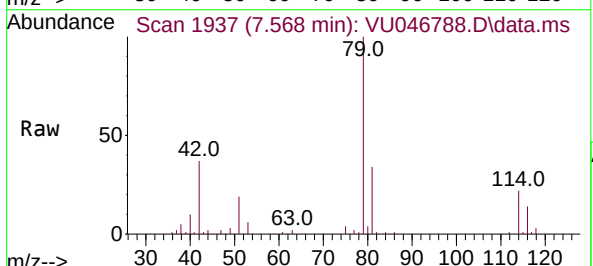
Acq: 18 Jan 2022 17:45

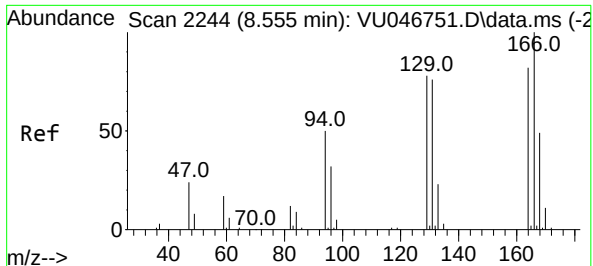
Tgt Ion: 75 Resp: 1267

Ion Ratio Lower Upper

75 100

77 45.9 22.5 41.9#





#47

Tetrachloroethene

Concen: 5.568 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

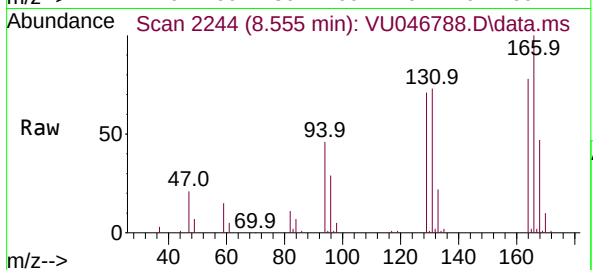
Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 33799

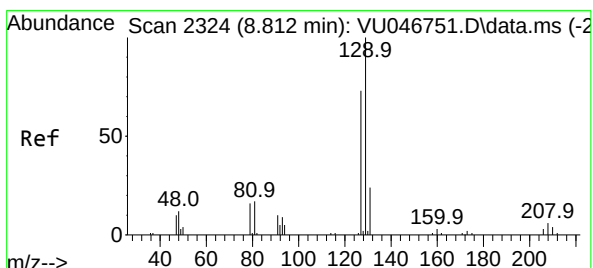
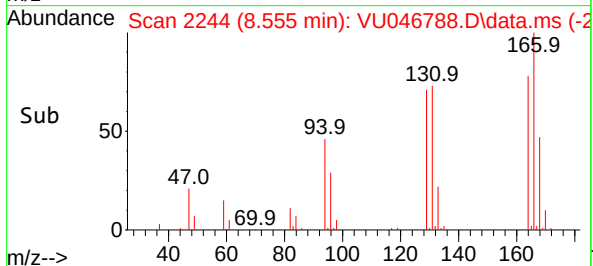
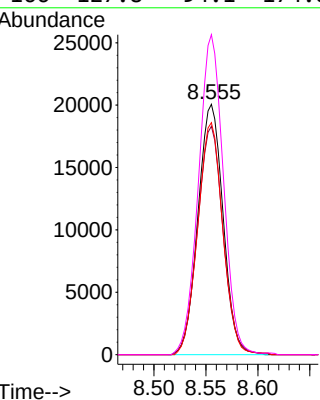
Ion Ratio Lower Upper

164 100

129 91.3 71.8 133.4

131 92.7 68.5 127.3

166 127.8 94.1 174.8



#49

Dibromochloromethane

Concen: 4.388 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046788.D

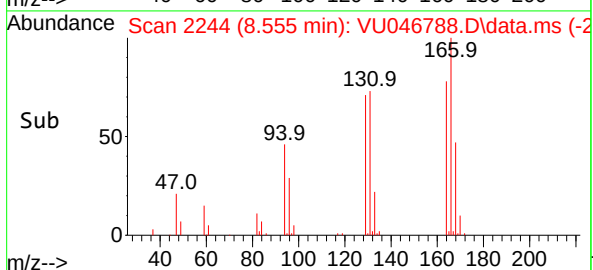
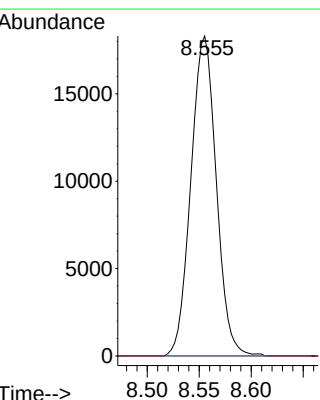
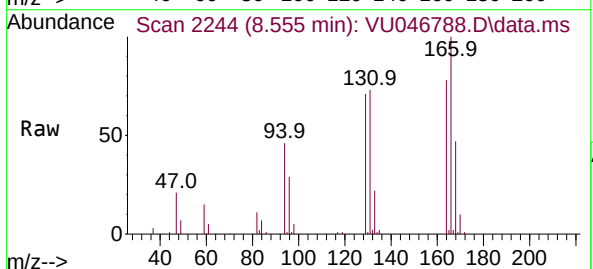
Acq: 18 Jan 2022 17:45

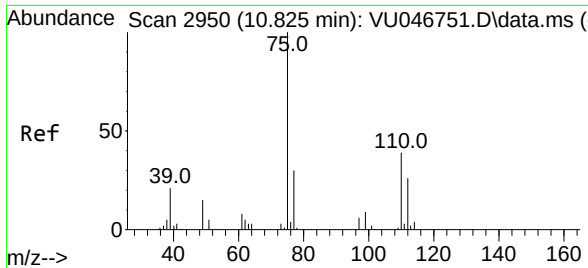
Tgt Ion:129 Resp: 31050

Ion Ratio Lower Upper

129 100

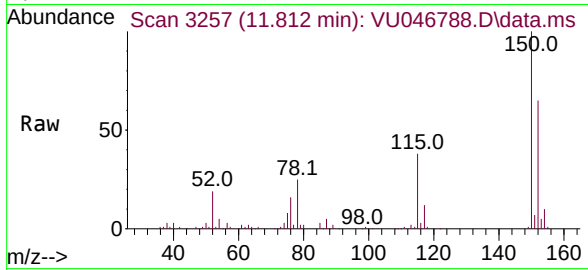
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.324 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046788.D
 Acq: 18 Jan 2022 17:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	7100
Ion Ratio	Lower	Upper
75	100	
110	0.9	29.9 44.9#
77	31.2	25.5 38.3

