

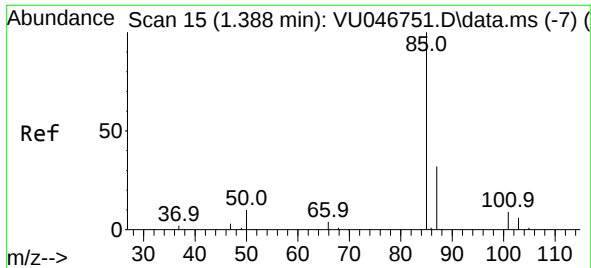
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046787.D
 Acq On : 18 Jan 2022 17:21
 Operator : SY/MD
 Sample : N1179-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 07:24:29 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	121658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125255	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	64500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47398	4.598	ug/L	0.00
7) Chloroethane-d5	1.919	69	38636	4.757	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	18745	4.571	ug/L	0.00
20) 2-Butanone-d5	4.649	46	157805	51.672	ug/L	0.00
24) Chloroform-d	5.067	84	84297	4.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	47260	4.795	ug/L	0.00
32) Benzene-d6	5.729	84	176115	4.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	54098	4.894	ug/L	0.00
41) Toluene-d8	7.899	98	153644	4.560	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	21282	4.384	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	138381	48.146	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51996	4.686	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	59705	4.936	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3984	0.348	ug/L	99
3) Chloromethane	1.523	50	4253	0.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	857	0.121	ug/L #	67
12) 1,1-Dichloroethene	2.584	96	2597	0.382	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1888	0.153	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	3620	0.466	ug/L	83
25) Chloroform	5.089	83	19646	1.002	ug/L	100
27) 1,2-Dichloroethane	5.722	62	789	0.091	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	810	0.072	ug/L #	40
31) Carbon tetrachloride	5.526	117	1993	0.206	ug/L	100
34) Trichloroethene	6.546	95	17600	2.299	ug/L	95
35) Methylcyclohexane	6.694	83	12636	0.985	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	5487	0.758	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1318	0.117	ug/L #	57
47) Tetrachloroethene	8.555	164	10749	1.726	ug/L	93
49) Dibromochloromethane	8.555	129	10340	1.424	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7234	1.324	ug/L #	65

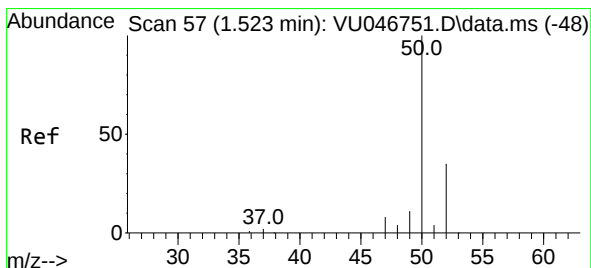
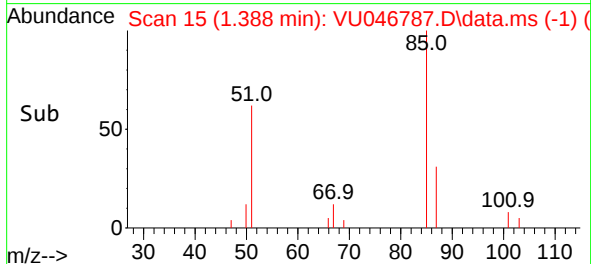
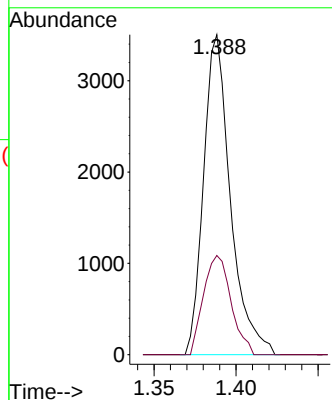
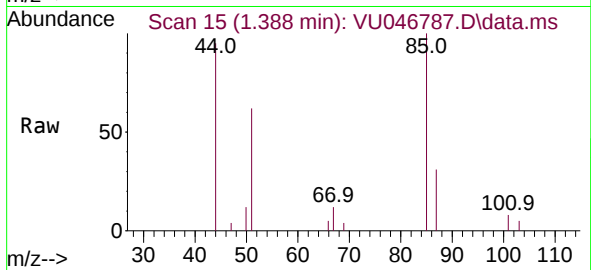
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.348 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

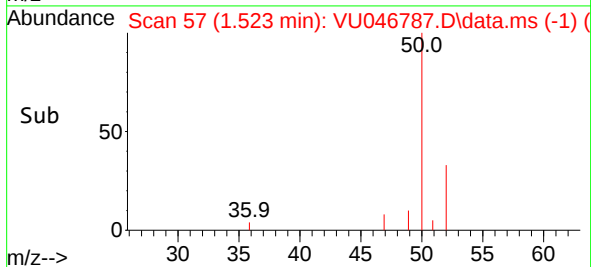
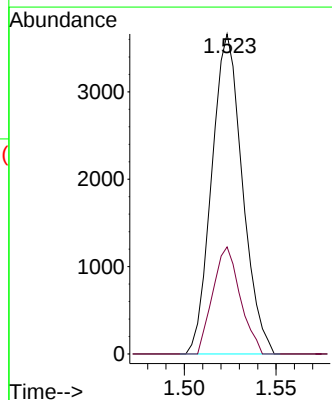
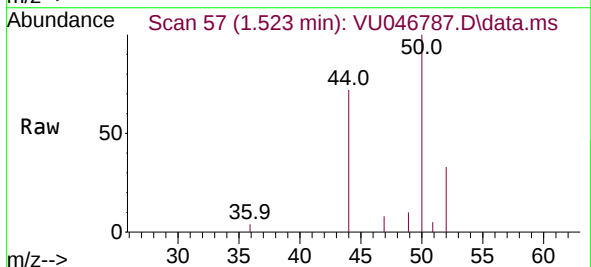
Instrument :
MSVOA_U
ClientSampleId :

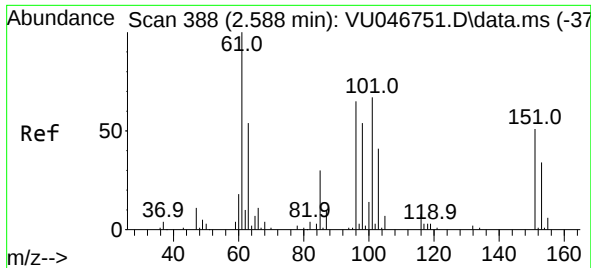
Tgt Ion: 85 Resp: 3984
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.6



#3
Chloromethane
Concen: 0.451 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 50 Resp: 4253
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8

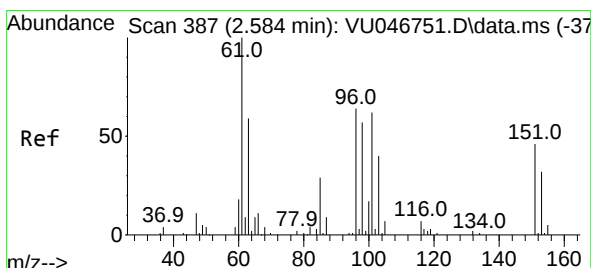
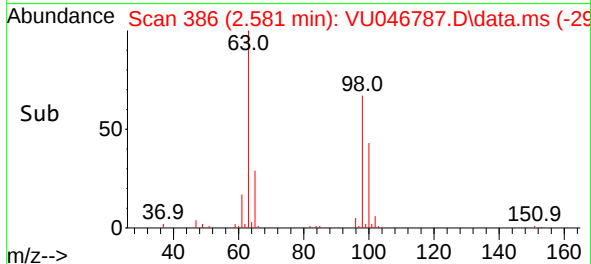
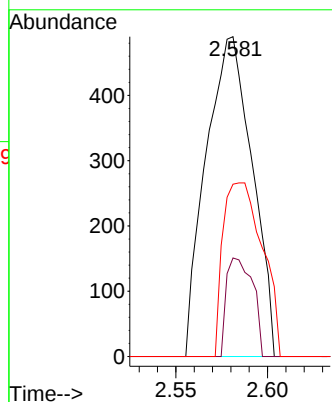
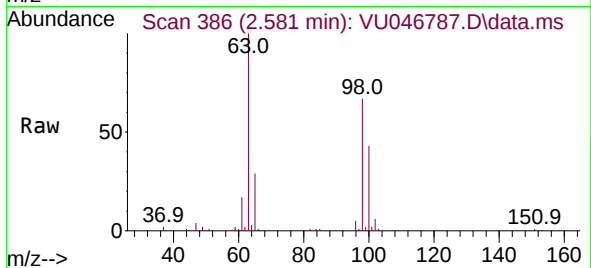




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.121 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU046787.D
 Acq: 18 Jan 2022 17:21

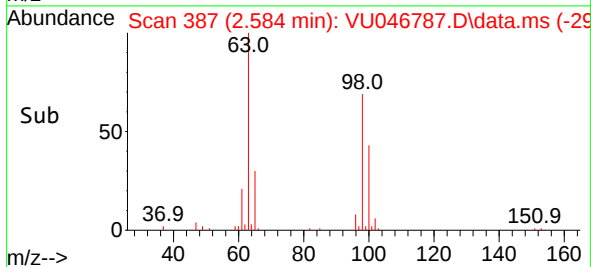
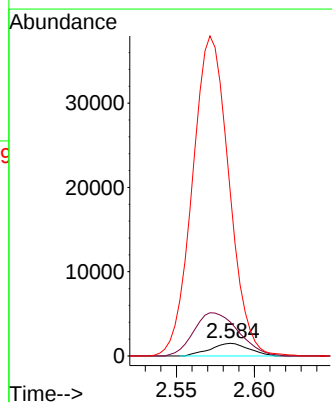
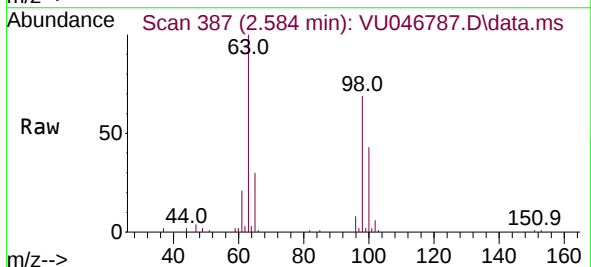
Instrument :
 MSVOA_U
 ClientSampleId :

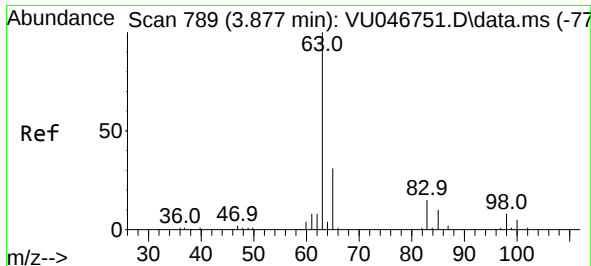
Tgt Ion:101 Resp: 857
 Ion Ratio Lower Upper
 101 100
 85 17.5 34.6 51.8#
 151 46.2 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.382 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU046787.D
 Acq: 18 Jan 2022 17:21

Tgt Ion: 96 Resp: 2597
 Ion Ratio Lower Upper
 96 100
 61 269.2 124.7 231.5#
 63 1305.5 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.153 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046787.D

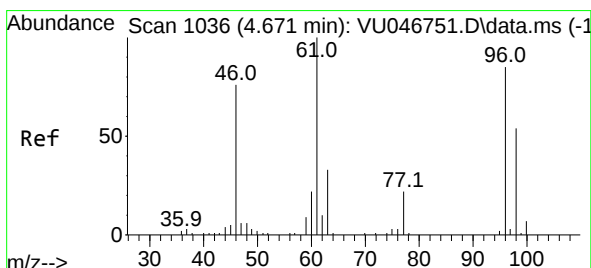
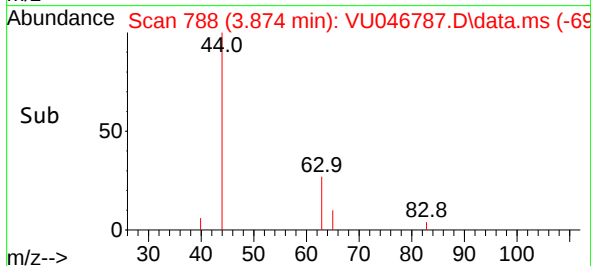
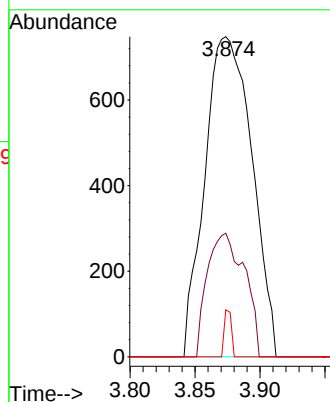
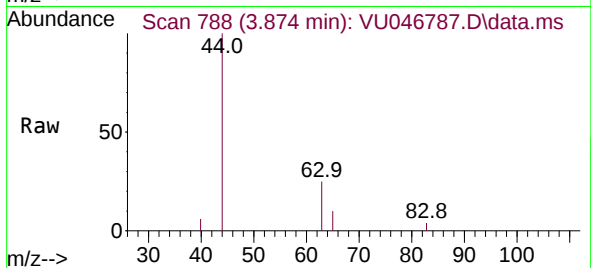
Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	1888
Ion	Ratio	Lower	Upper
63	100		
65	38.6	22.3	41.5
83	14.7	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 0.466 ug/L

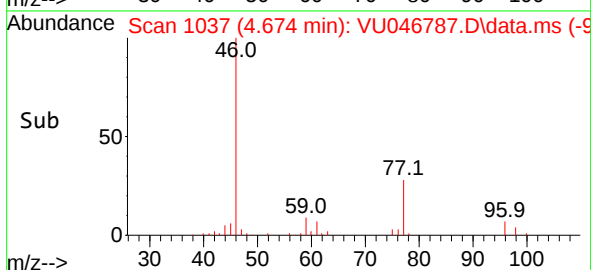
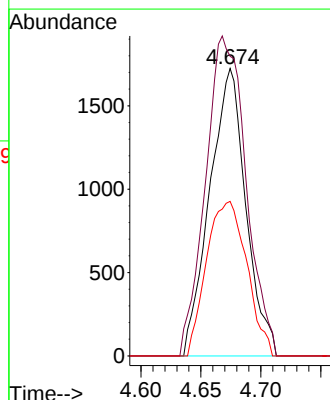
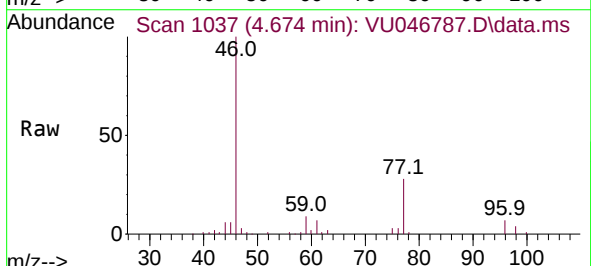
RT: 4.674 min Scan# 1037

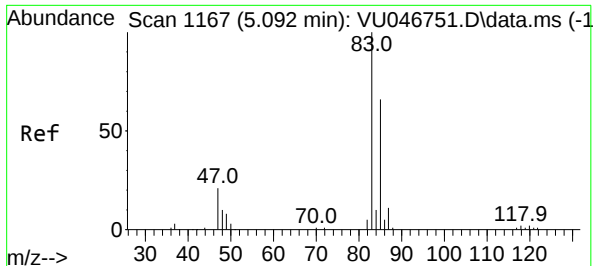
Delta R.T. 0.003 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Tgt Ion:	96	Resp:	3620
Ion	Ratio	Lower	Upper
96	100		
61	104.2	88.5	164.3
98	53.8	44.4	82.5

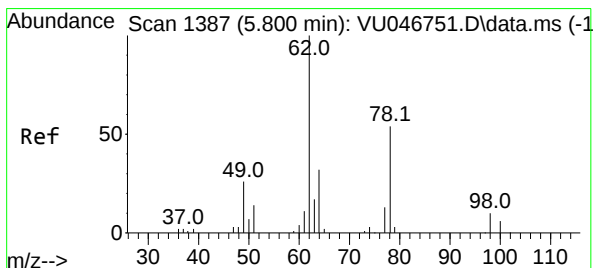
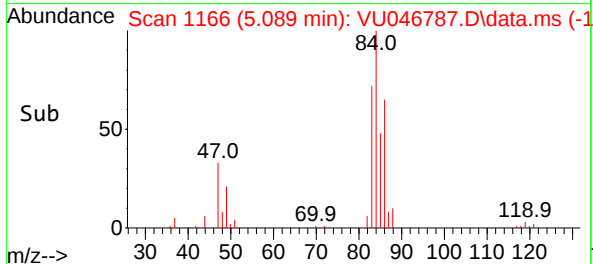
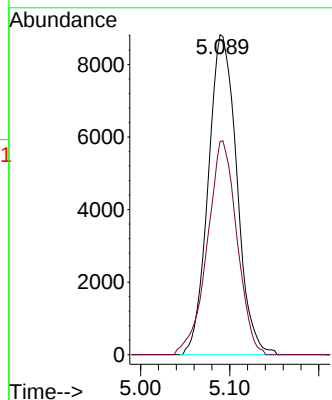
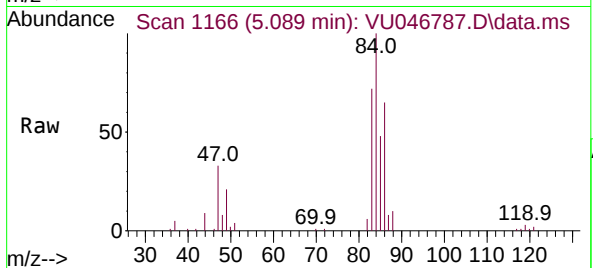




#25
Chloroform
Concen: 1.002 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

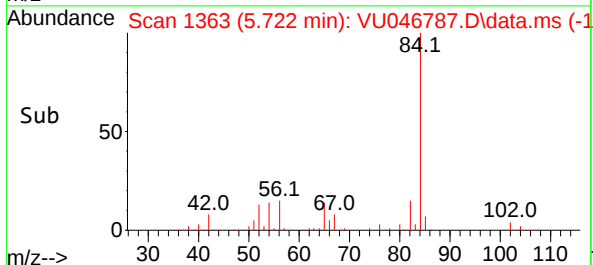
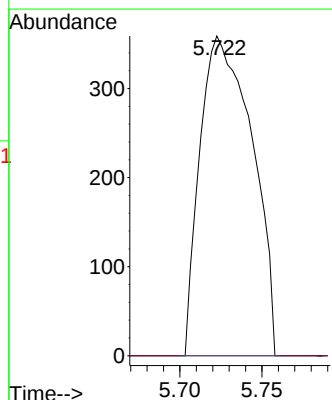
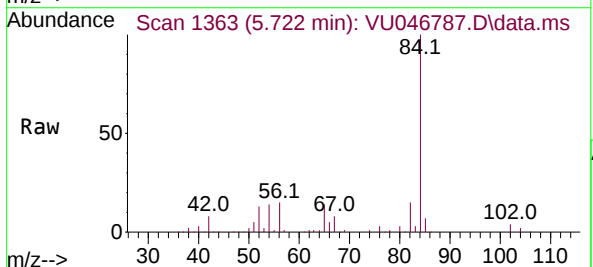
Instrument :
MSVOA_U
ClientSampleId :

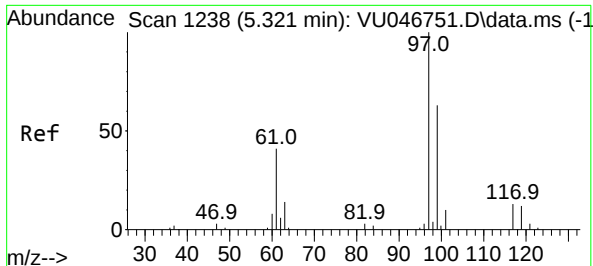
Tgt Ion: 83 Resp: 19646
Ion Ratio Lower Upper
83 100
85 66.6 46.9 87.1



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.722 min Scan# 1363
Delta R.T. -0.077 min
Lab File: VU046787.D
Acq: 18 Jan 2022 17:21

Tgt Ion: 62 Resp: 789
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.072 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

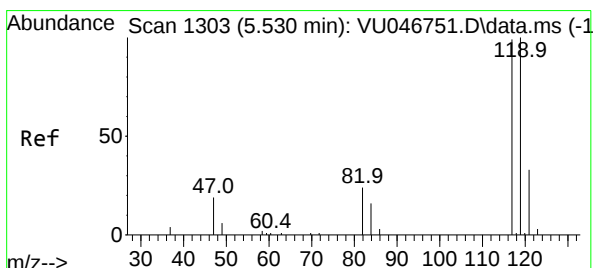
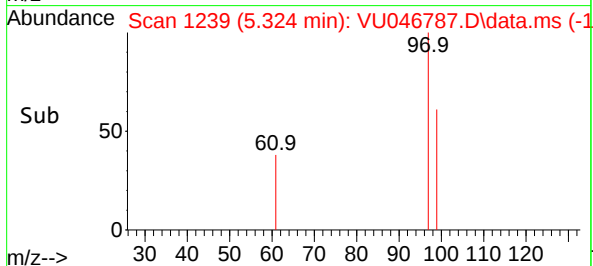
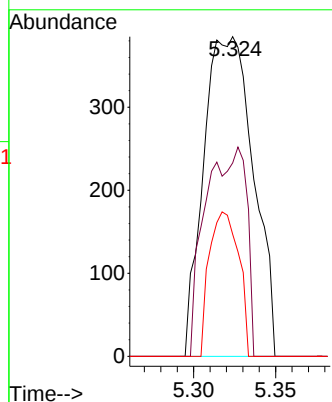
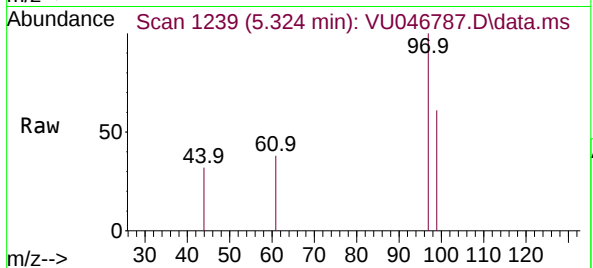
Tgt Ion: 97 Resp: 810

Ion Ratio Lower Upper

97 100

99 21.4 51.3 76.9#

61 0.0 36.1 54.1#



#31

Carbon tetrachloride

Concen: 0.206 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VU046787.D

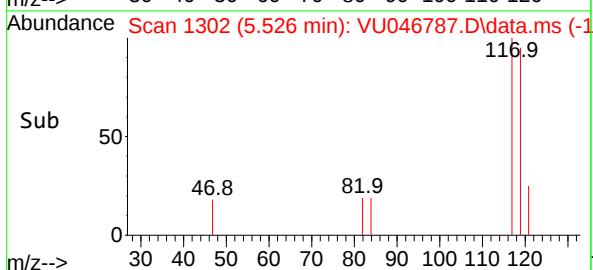
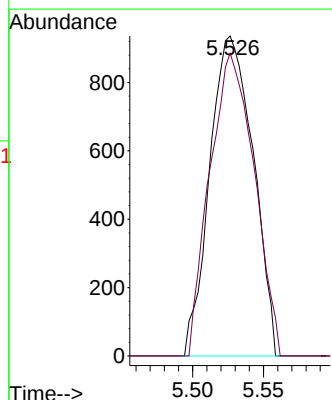
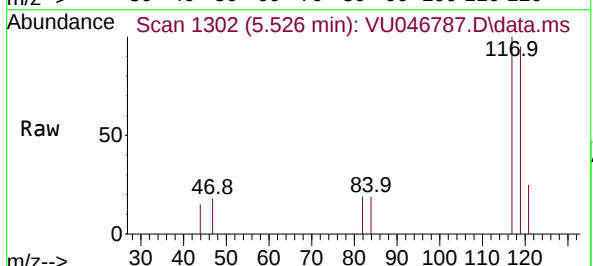
Acq: 18 Jan 2022 17:21

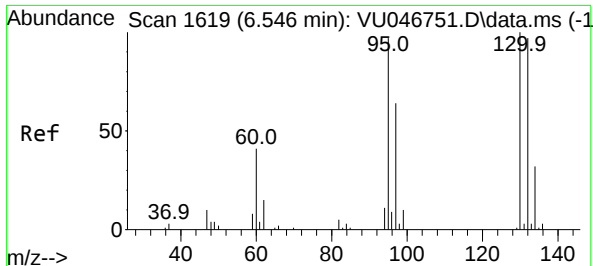
Tgt Ion: 117 Resp: 1993

Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3





#34

Trichloroethene

Concen: 2.299 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

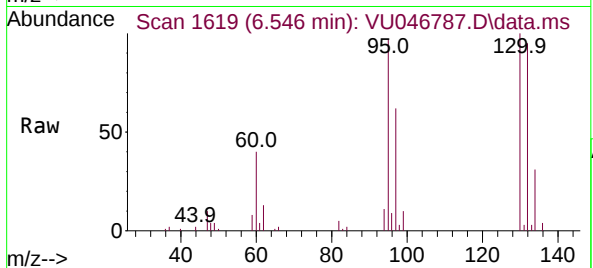
Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 17600

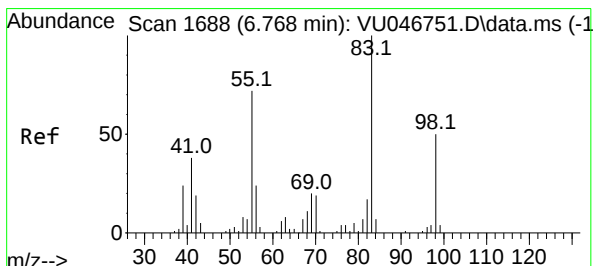
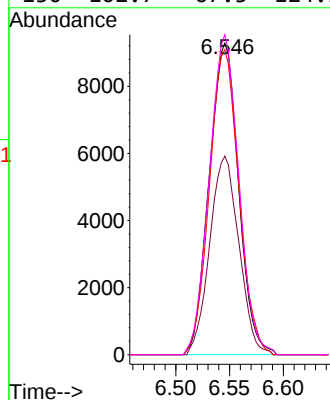
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 97.9 65.1 120.9

130 102.7 67.3 124.9



#35

Methylcyclohexane

Concen: 0.985 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

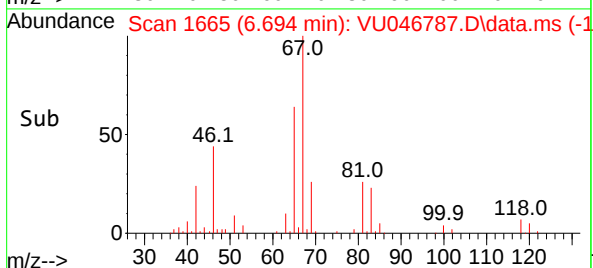
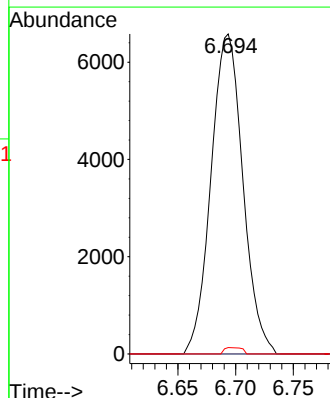
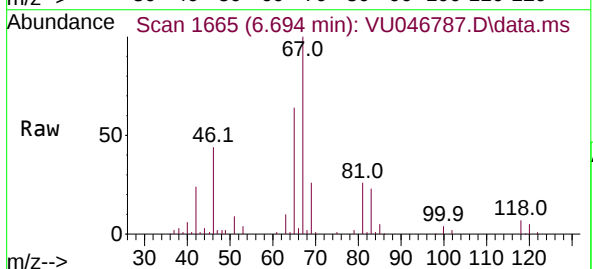
Tgt Ion: 83 Resp: 12636

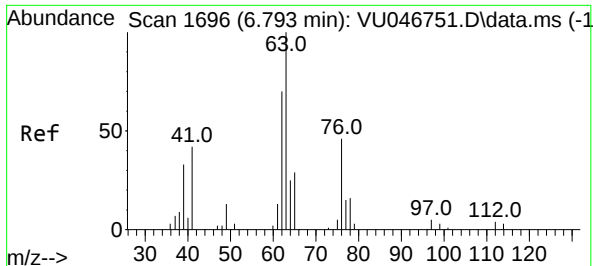
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.758 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

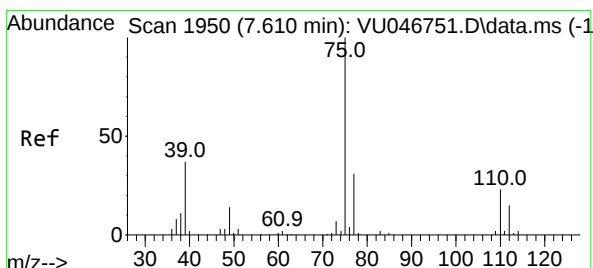
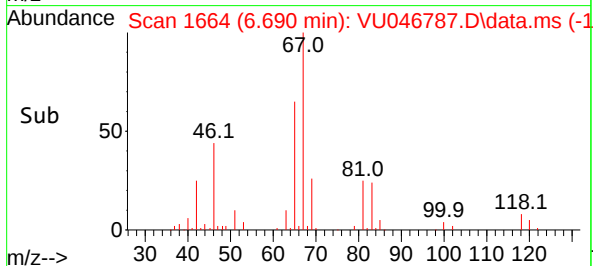
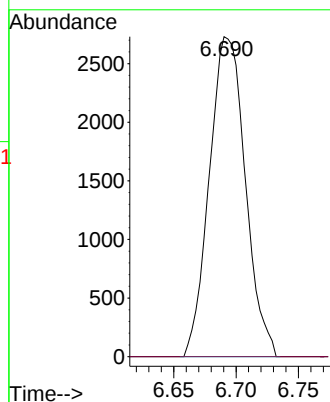
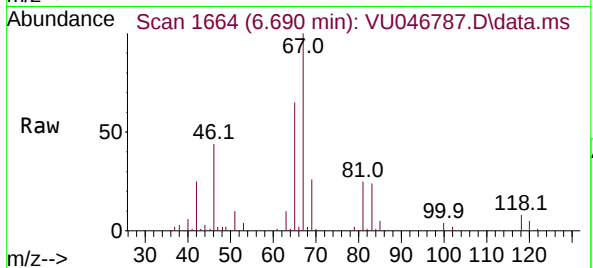
ClientSampleId :

Tgt Ion: 63 Resp: 5487

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046787.D

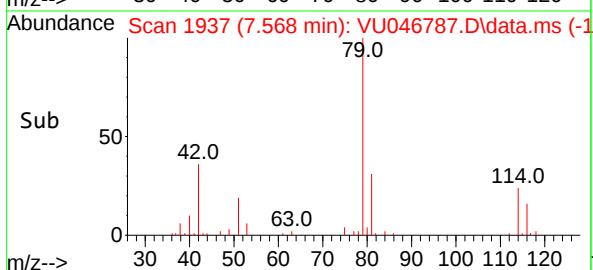
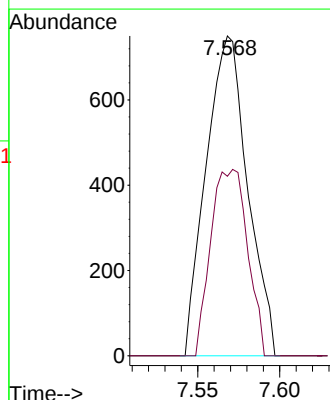
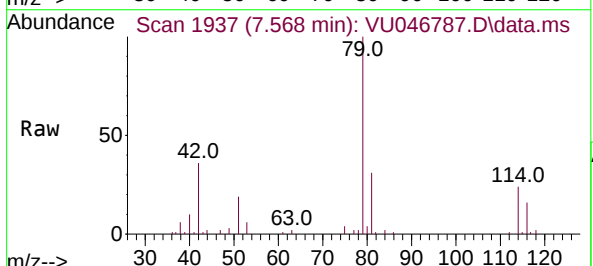
Acq: 18 Jan 2022 17:21

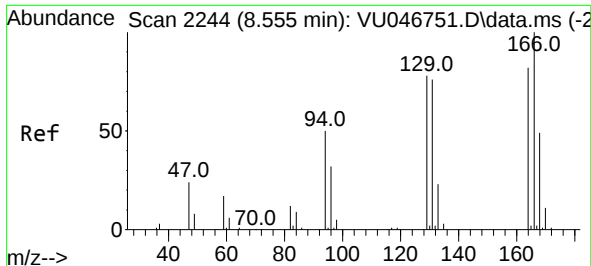
Tgt Ion: 75 Resp: 1318

Ion Ratio Lower Upper

75 100

77 56.1 22.5 41.9#





#47

Tetrachloroethene

Concen: 1.726 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

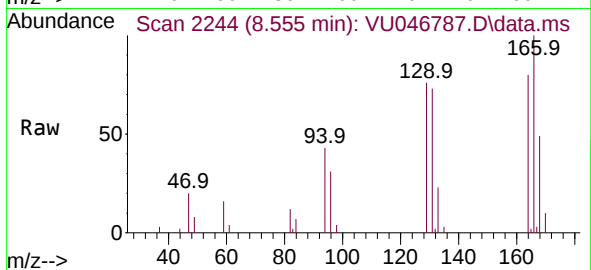
Lab File: VU046787.D

Acq: 18 Jan 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 10749

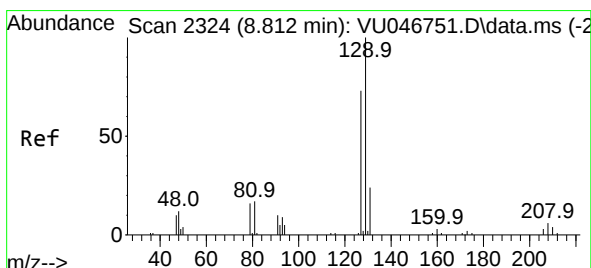
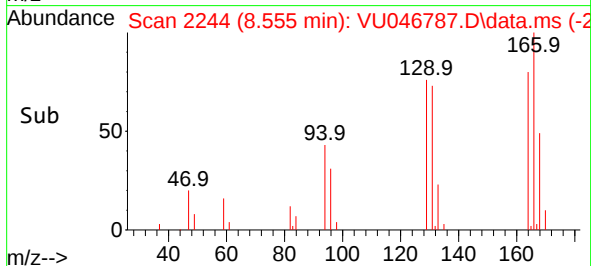
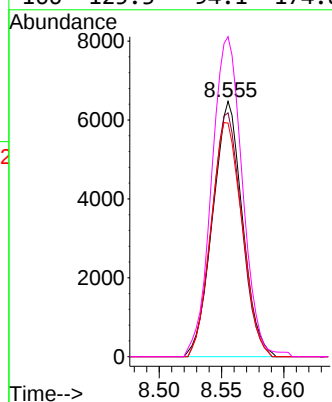
Ion Ratio Lower Upper

164 100

129 95.5 71.8 133.4

131 91.5 68.5 127.3

166 125.3 94.1 174.8



#49

Dibromochloromethane

Concen: 1.424 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046787.D

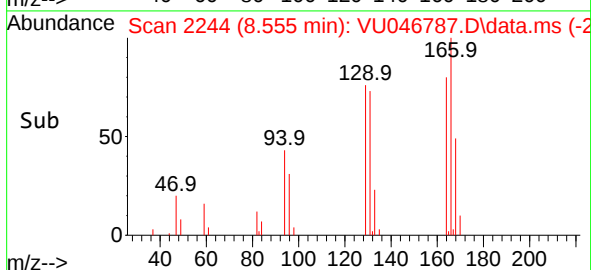
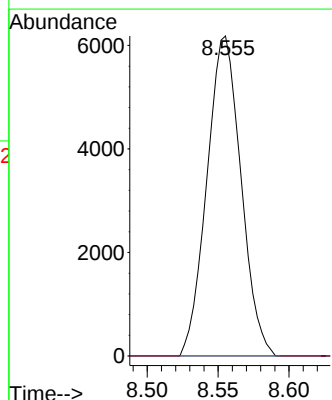
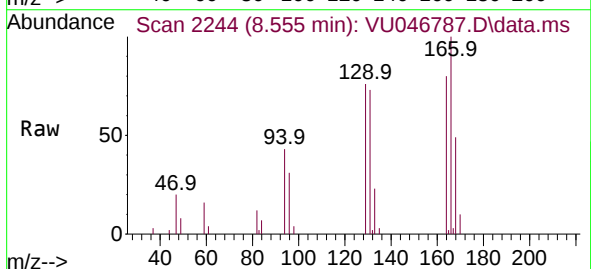
Acq: 18 Jan 2022 17:21

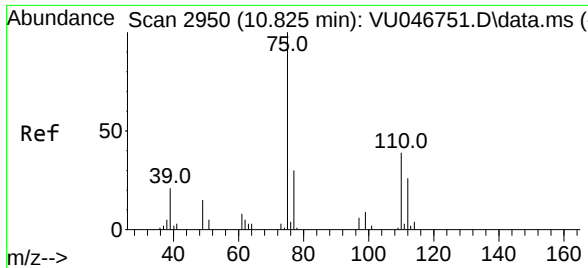
Tgt Ion:129 Resp: 10340

Ion Ratio Lower Upper

129 100

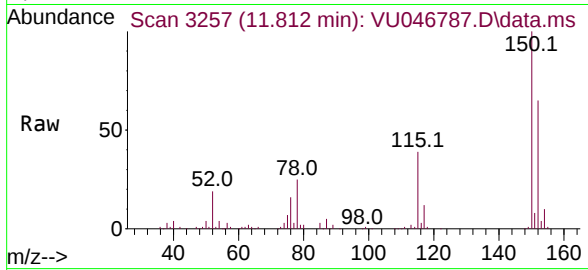
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.324 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046787.D
 Acq: 18 Jan 2022 17:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7234
Ion	Ratio	Lower	Upper
75	100		
110	0.6	29.9	44.9#
77	34.6	25.5	38.3

