

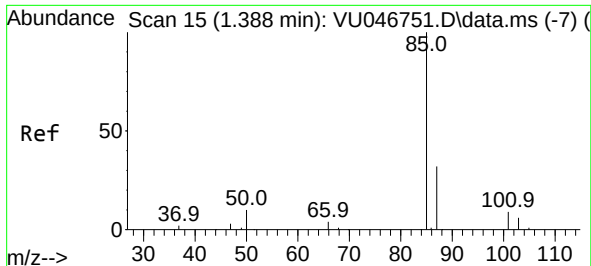
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046786.D
 Acq On : 18 Jan 2022 16:56
 Operator : SY/MD
 Sample : N1179-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 07:24:16 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

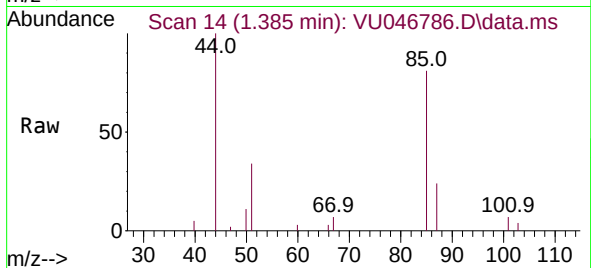
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	132361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	137420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46983	4.189	ug/L	0.00
7) Chloroethane-d5	1.919	69	39311	4.449	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	19961	4.474	ug/L	0.00
20) 2-Butanone-d5	4.649	46	152247	45.821	ug/L	0.00
24) Chloroform-d	5.067	84	84685	4.301	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	48311	4.506	ug/L	0.00
32) Benzene-d6	5.729	84	177481	4.394	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	53790	4.436	ug/L	0.00
41) Toluene-d8	7.899	98	152872	4.135	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	22003	4.132	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	138003	43.764	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51334	4.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	59553	4.550	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3758	0.302	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	1078	0.139	ug/L #	50
12) 1,1-Dichloroethene	2.584	96	2747	0.372	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	1892	0.141	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	3779	0.448	ug/L	93
25) Chloroform	5.092	83	17455	0.818	ug/L	98
27) 1,2-Dichloroethane	5.726	62	915	0.097	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	868	0.070	ug/L #	80
31) Carbon tetrachloride	5.530	117	2450	0.231	ug/L	97
34) Trichloroethene	6.546	95	20461	2.436	ug/L	96
35) Methylcyclohexane	6.693	83	13118	0.932	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	5624	0.709	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1284	0.104	ug/L #	72
47) Tetrachloroethene	8.555	164	12218	1.788	ug/L	95
49) Dibromochloromethane	8.555	129	11403	1.432	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7469	1.263	ug/L #	68

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

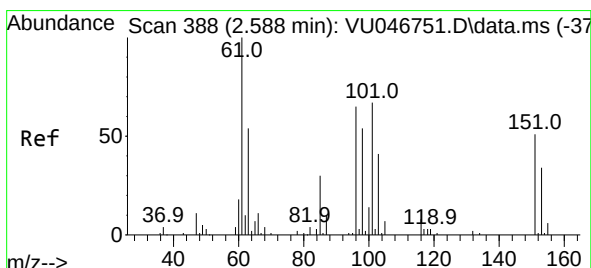
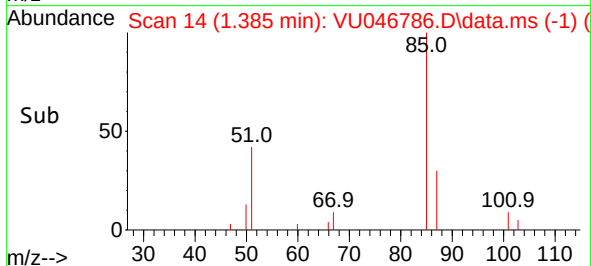
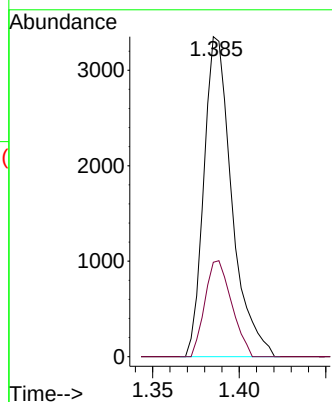


#2
Dichlorodifluoromethane
Concen: 0.302 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Instrument :
MSVOA_U
ClientSampleId :

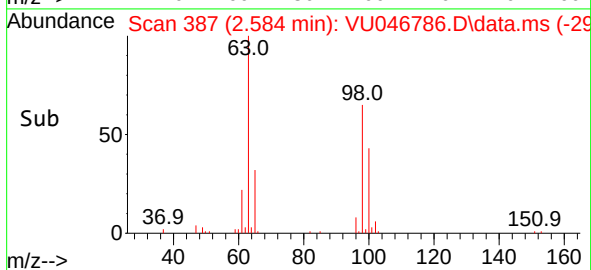
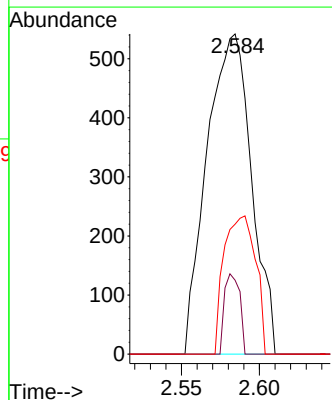
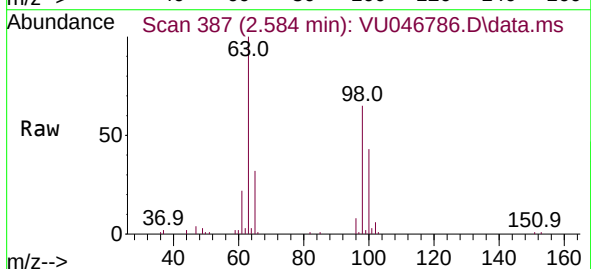


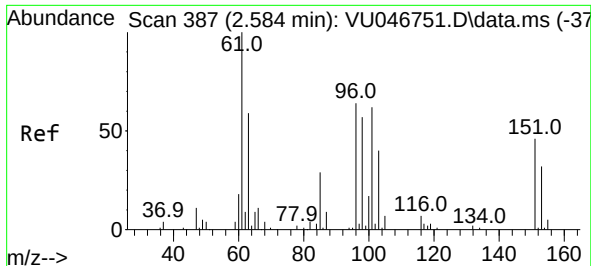
Tgt Ion: 85 Resp: 3758
Ion Ratio Lower Upper
85 100
87 28.6 25.8 38.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.139 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Tgt Ion:101 Resp: 1078
Ion Ratio Lower Upper
101 100
85 8.5 34.6 51.8#
151 30.5 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.372 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU046786.D

Acq: 18 Jan 2022 16:56

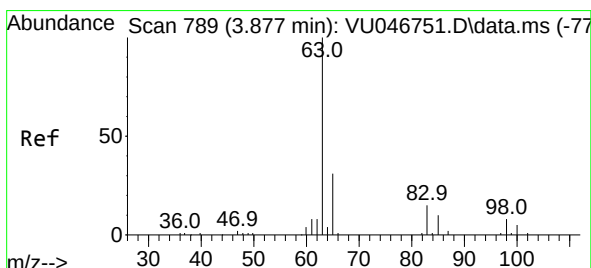
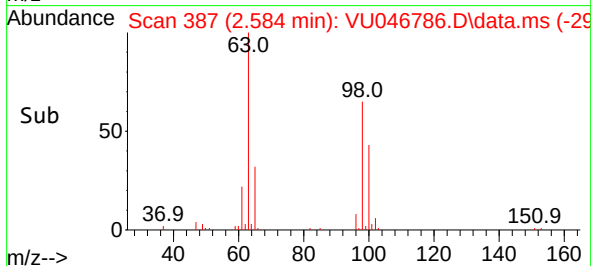
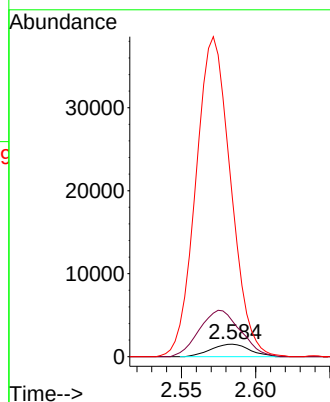
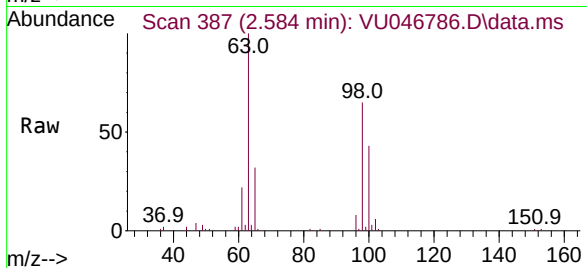
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2747

Ion	Ratio	Lower	Upper
96	100		
61	286.6	124.7	231.5#
63	1278.0	105.2	195.4#



#19

1,1-Dichloroethane

Concen: 0.141 ug/L

RT: 3.874 min Scan# 788

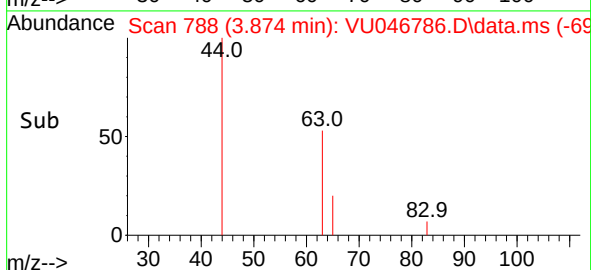
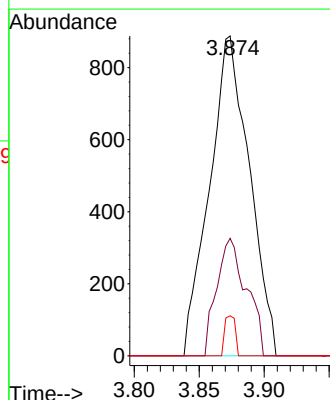
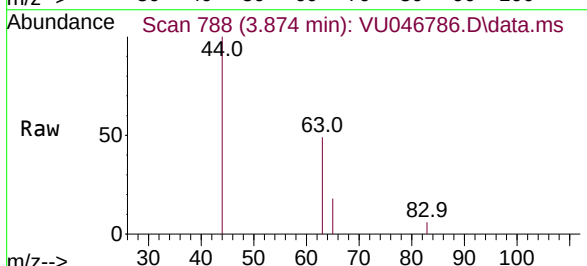
Delta R.T. -0.000 min

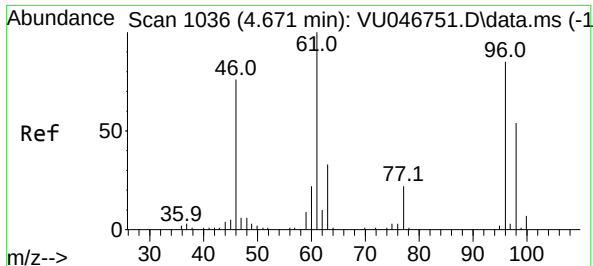
Lab File: VU046786.D

Acq: 18 Jan 2022 16:56

Tgt Ion: 63 Resp: 1892

Ion	Ratio	Lower	Upper
63	100		
65	36.7	22.3	41.5
83	12.5	9.6	17.8

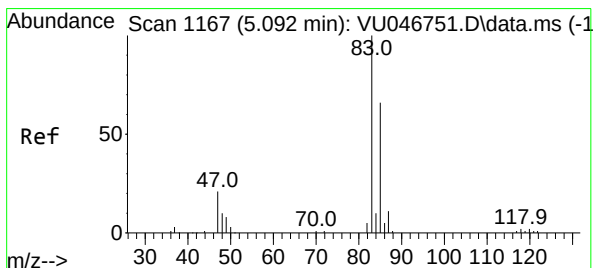
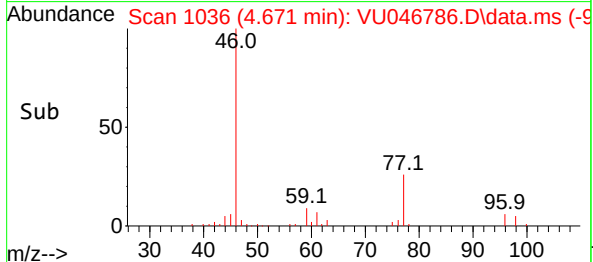
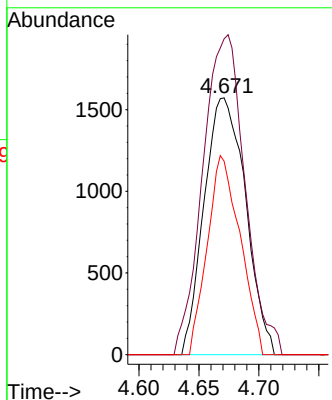
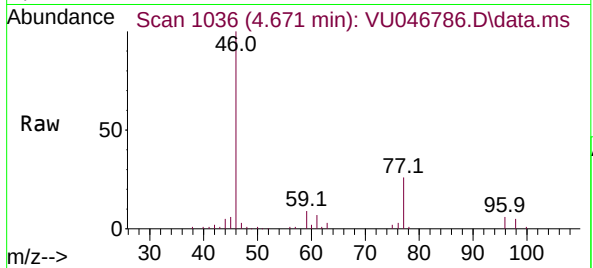




#22
 cis-1,2-Dichloroethene
 Concen: 0.448 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046786.D
 Acq: 18 Jan 2022 16:56

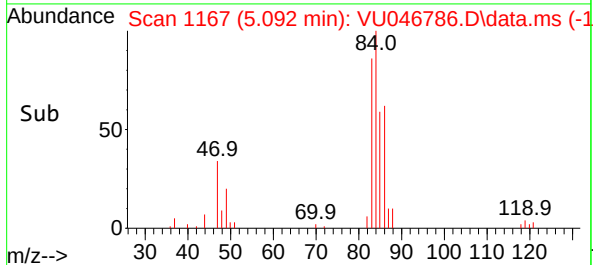
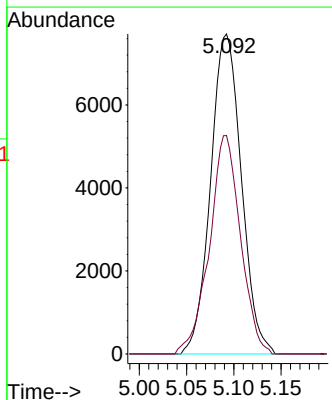
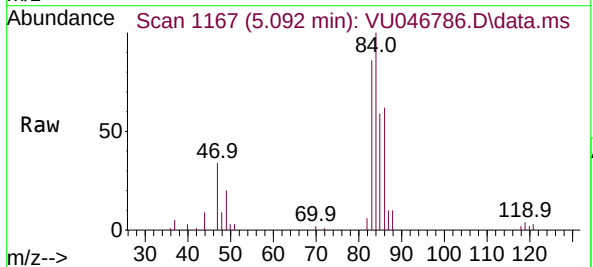
Instrument :
 MSVOA_U
 ClientSampleId :

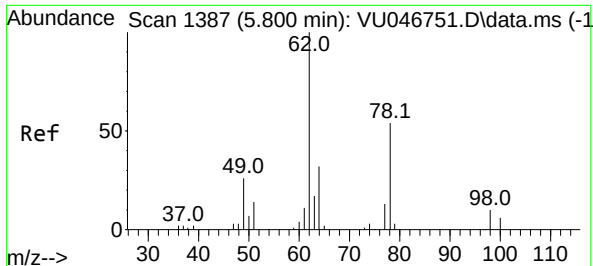
Tgt Ion: 96 Resp: 3779
 Ion Ratio Lower Upper
 96 100
 61 123.0 88.5 164.3
 98 75.3 44.4 82.5



#25
 Chloroform
 Concen: 0.818 ug/L
 RT: 5.092 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: VU046786.D
 Acq: 18 Jan 2022 16:56

Tgt Ion: 83 Resp: 17455
 Ion Ratio Lower Upper
 83 100
 85 68.3 46.9 87.1

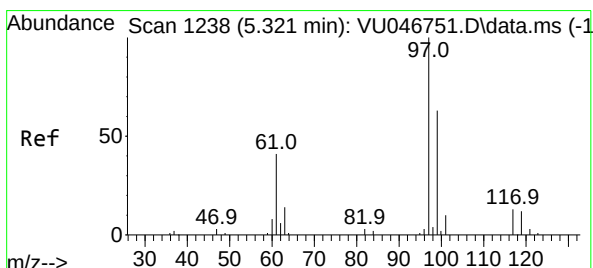
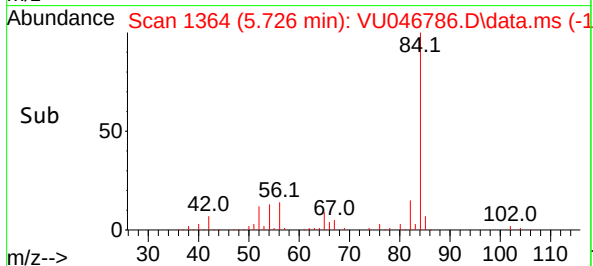
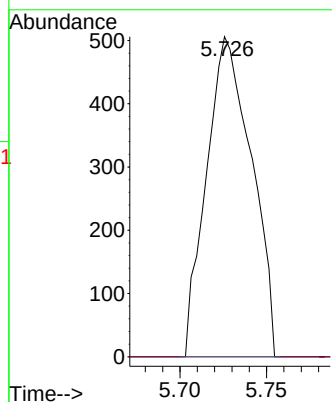
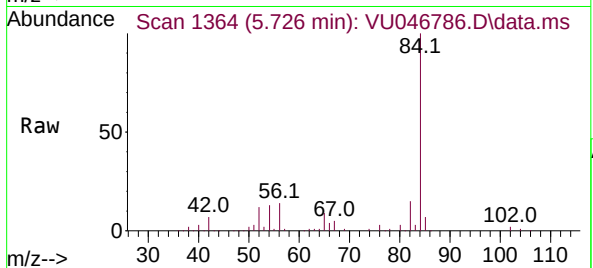




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

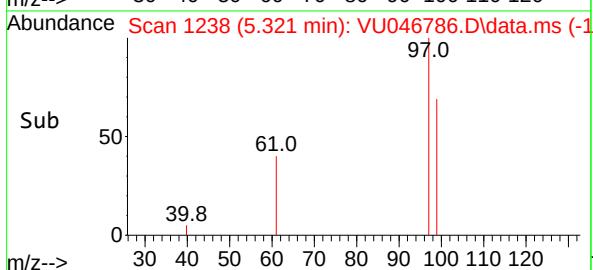
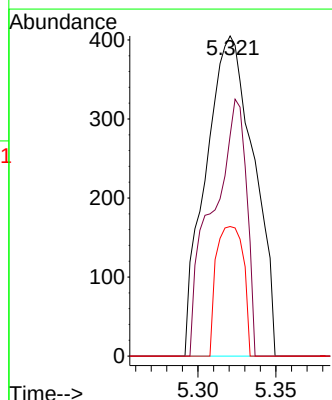
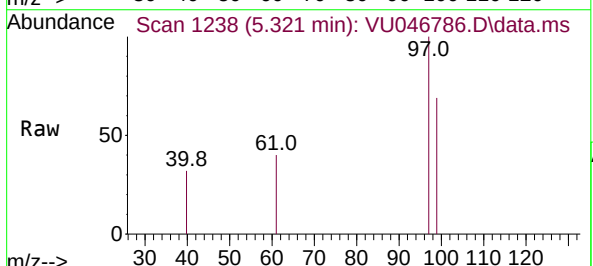
Instrument :
MSVOA_U
ClientSampleId :

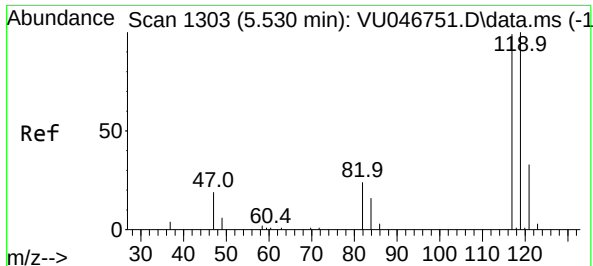
Tgt Ion: 62 Resp: 915
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 0.070 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Tgt Ion: 97 Resp: 868
Ion Ratio Lower Upper
97 100
99 56.6 51.3 76.9
61 22.7 36.1 54.1#

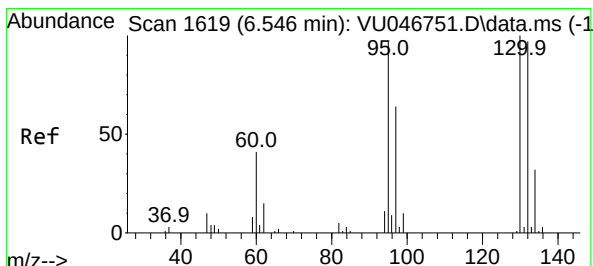
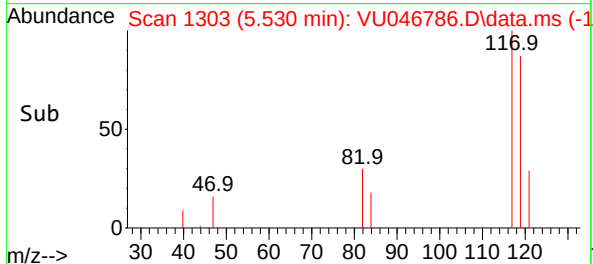
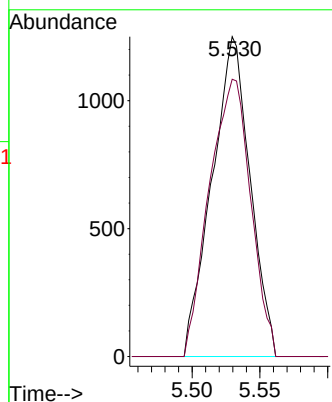
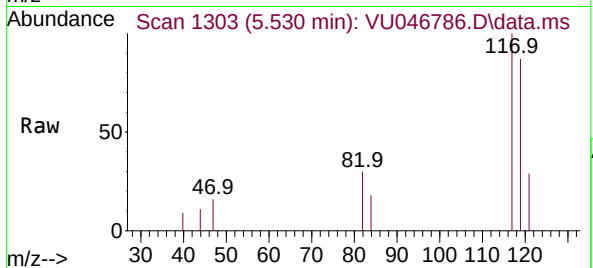




#31
Carbon tetrachloride
Concen: 0.231 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

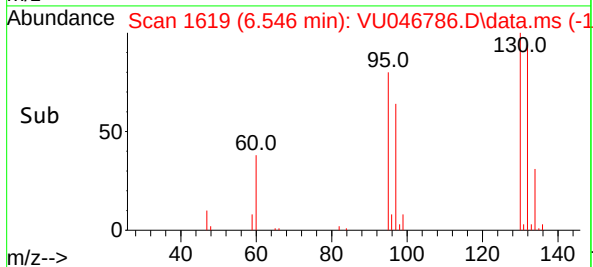
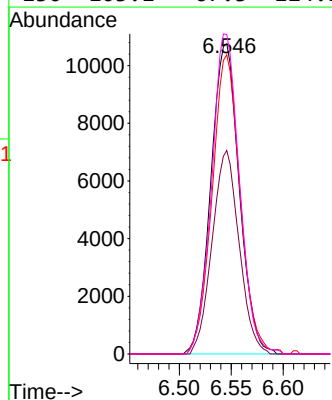
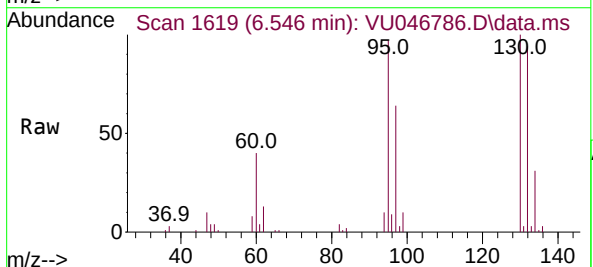
Instrument :
MSVOA_U
ClientSampleId :

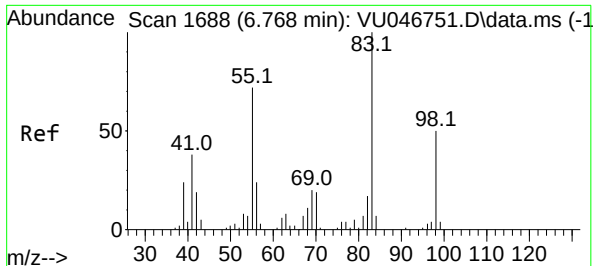
Tgt Ion:117 Resp: 2450
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3



#34
Trichloroethene
Concen: 2.436 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Tgt Ion: 95 Resp: 20461
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 96.5 65.1 120.9
130 103.1 67.3 124.9

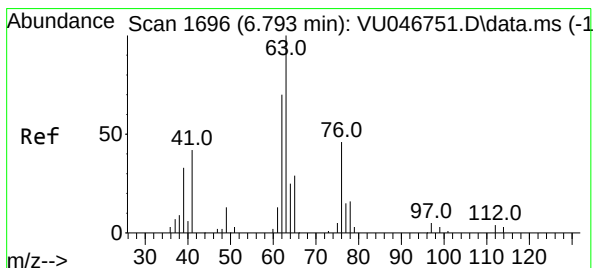
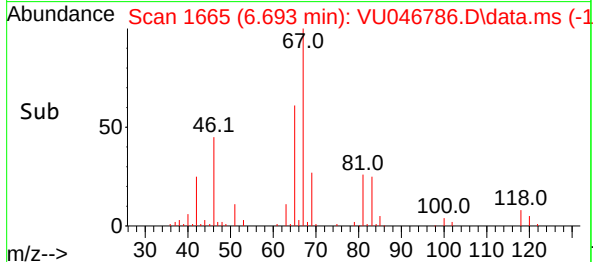
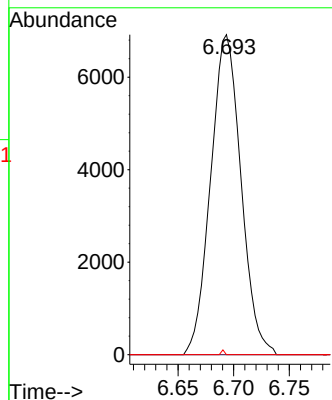
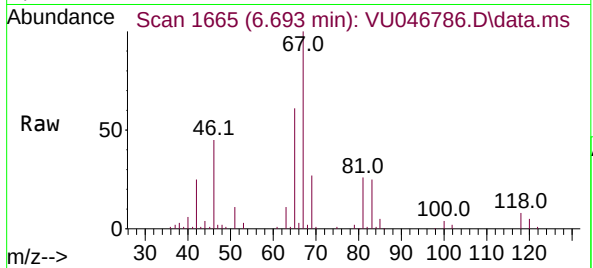




#35
Methylcyclohexane
Concen: 0.932 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

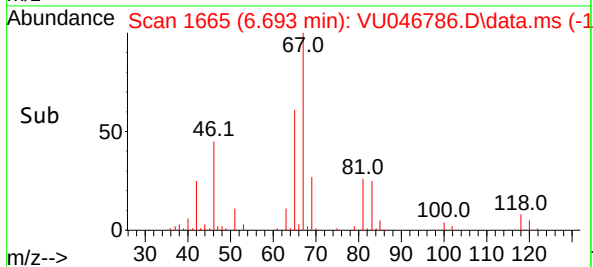
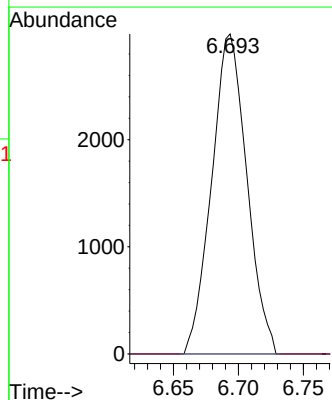
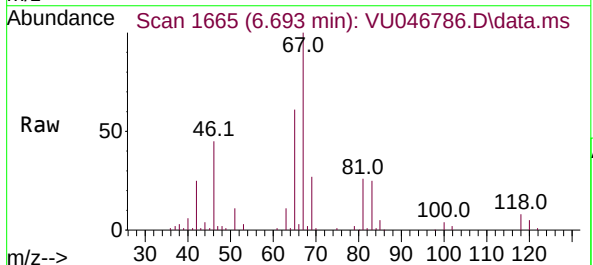
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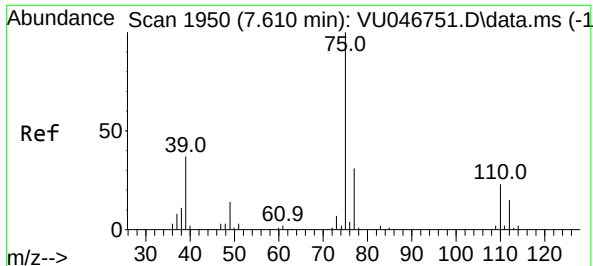
Tgt Ion: 83 Resp: 13118
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.709 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Tgt Ion: 63 Resp: 5624
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

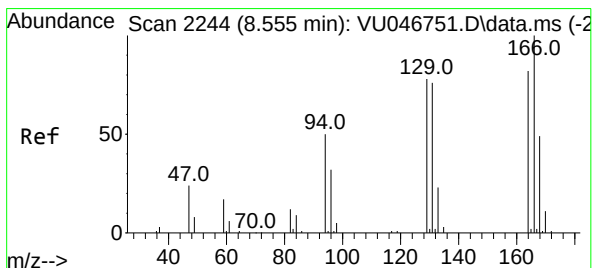
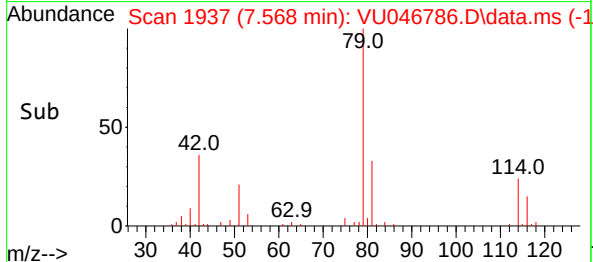
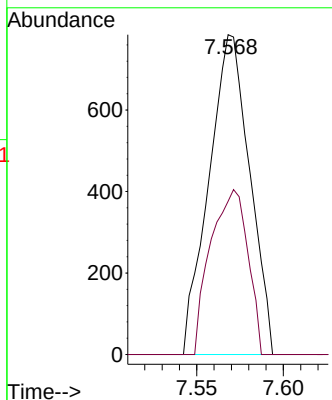
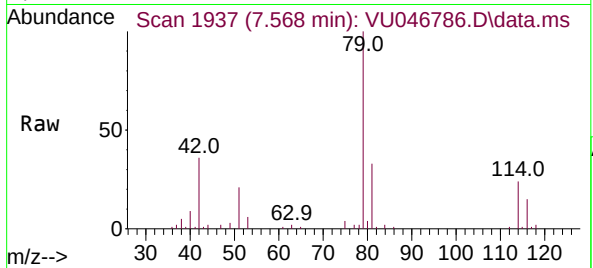




#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.568 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

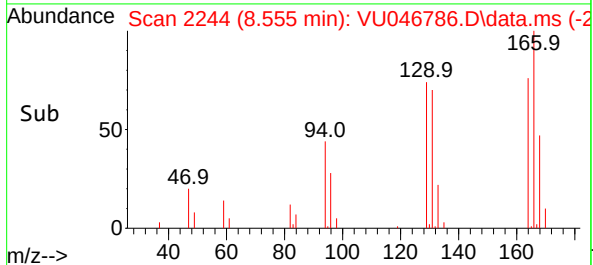
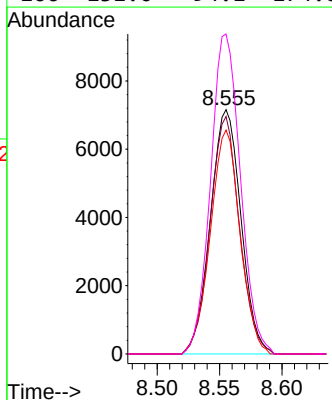
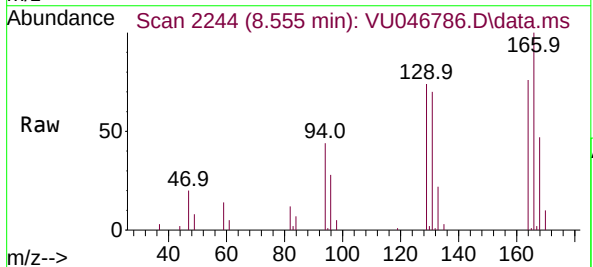
Instrument :
MSVOA_U
ClientSampleId :

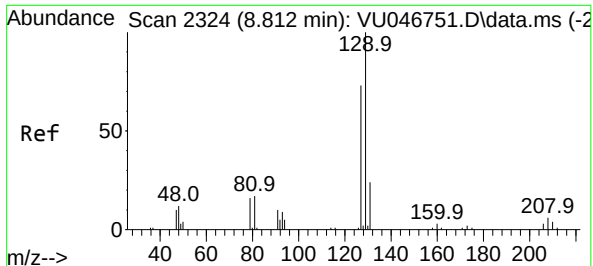
Tgt Ion: 75 Resp: 1284
Ion Ratio Lower Upper
75 100
77 47.9 22.5 41.9#



#47
Tetrachloroethene
Concen: 1.788 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046786.D
Acq: 18 Jan 2022 16:56

Tgt Ion: 164 Resp: 12218
Ion Ratio Lower Upper
164 100
129 97.2 71.8 133.4
131 91.7 68.5 127.3
166 131.0 94.1 174.8





#49

Dibromochloromethane

Concen: 1.432 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046786.D

Acq: 18 Jan 2022 16:56

Instrument :

MSVOA_U

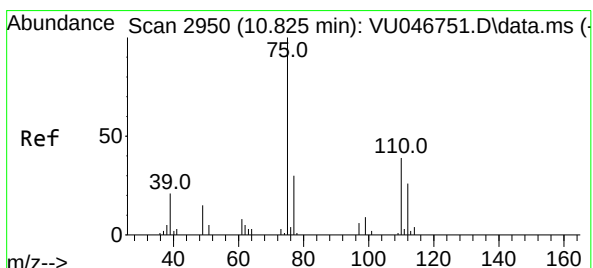
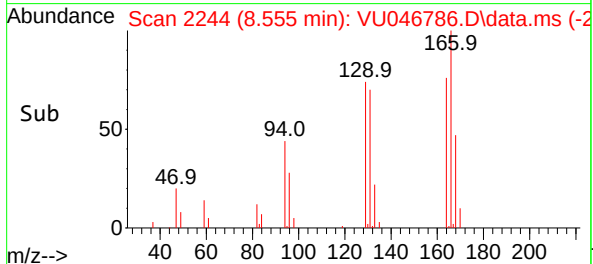
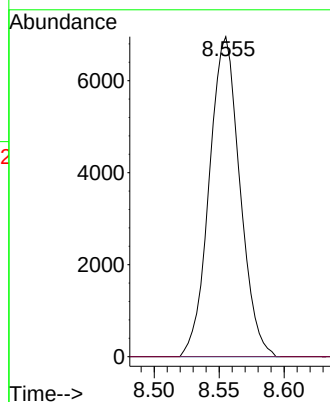
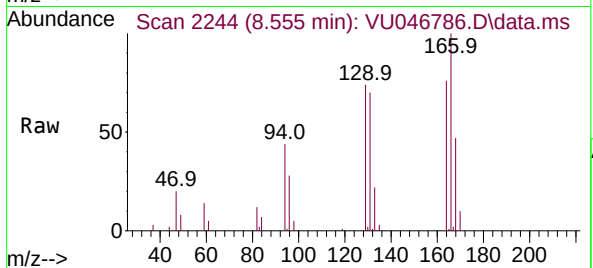
ClientSampleId :

Tgt Ion:129 Resp: 11403

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046786.D

Acq: 18 Jan 2022 16:56

Tgt Ion: 75 Resp: 7469

Ion Ratio Lower Upper

75 100

110 2.3 29.9 44.9#

77 31.7 25.5 38.3

