

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046789.D
 Acq On : 18 Jan 2022 18:09
 Operator : SY/MD
 Sample : N1179-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HJ9

Quant Time: Jan 19 07:49:00 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)

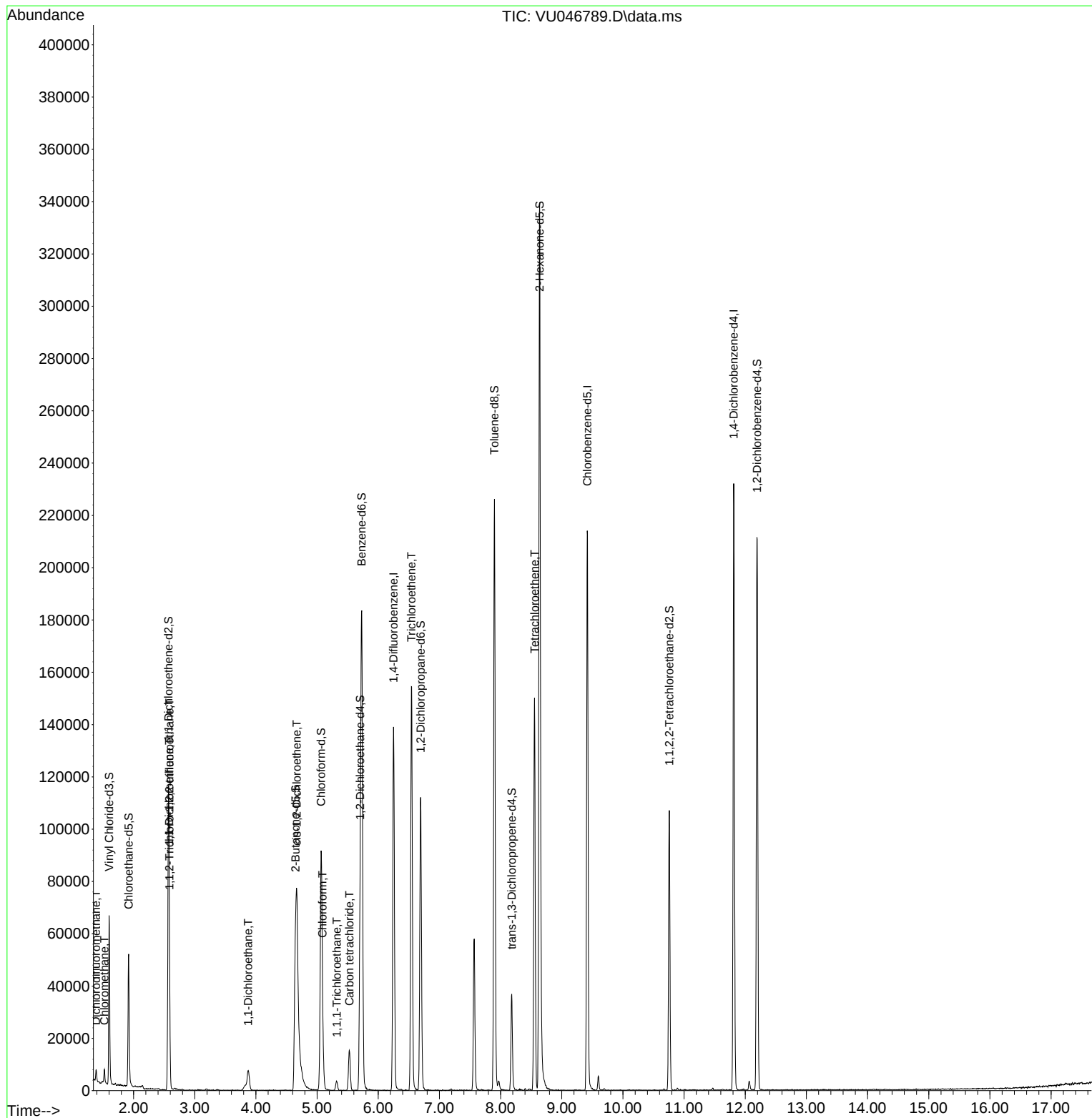
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	119706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	126240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	48183	4.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.919	69	39600	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.571	65	19389	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.649	46	157665	52.468	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.940%
24) Chloroform-d	5.067	84	84826	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.703	65	48010	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.729	84	178474	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.694	67	56003	5.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.899	98	154538	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.182	79	22053	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.639	63	139447	48.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52590	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	59558	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2121	0.188	ug/L	97
3) Chloromethane	1.523	50	3943	0.425	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2868	0.410	ug/L #	91
12) 1,1-Dichloroethene	2.584	96	7253	1.085	ug/L #	1
19) 1,1-Dichloroethane	3.874	63	6090	0.501	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	15660	2.051	ug/L	97
25) Chloroform	5.089	83	13301	0.689	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	2790	0.245	ug/L	96
31) Carbon tetrachloride	5.526	117	10840	1.111	ug/L	99
34) Trichloroethene	6.542	95	55223	7.156	ug/L	96
47) Tetrachloroethene	8.555	164	33731	5.374	ug/L	97

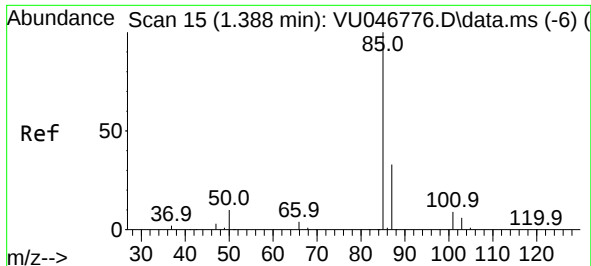
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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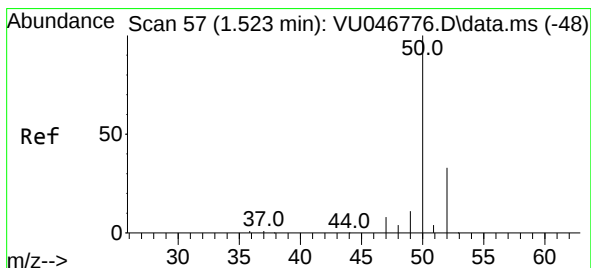
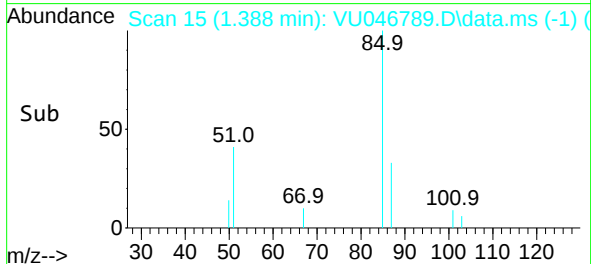
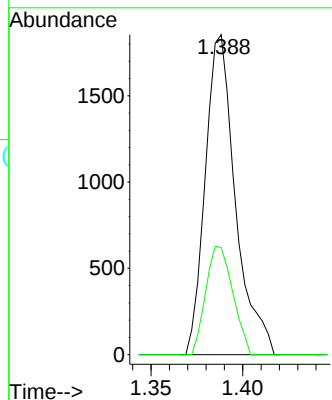
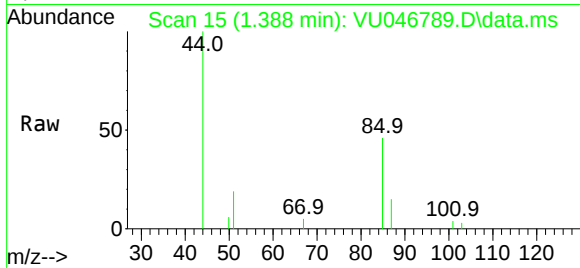




#2
Dichlorodifluoromethane
Concen: 0.188 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

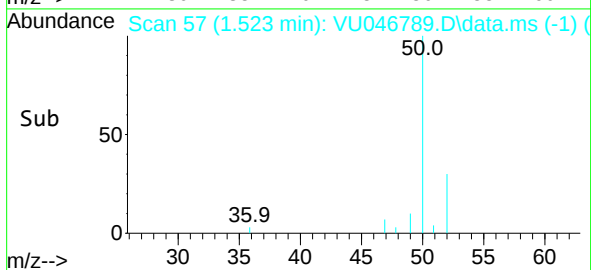
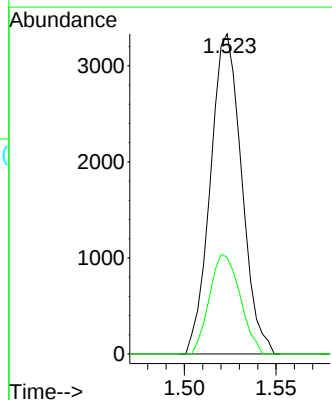
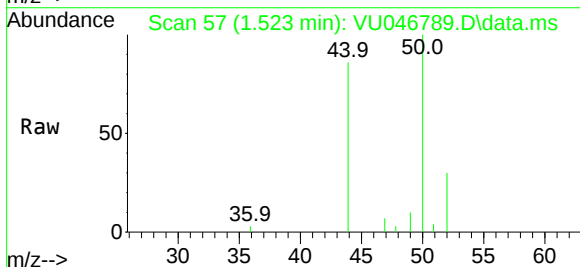
Instrument :
MSVOA_U
ClientSampleId :
C0HJ9

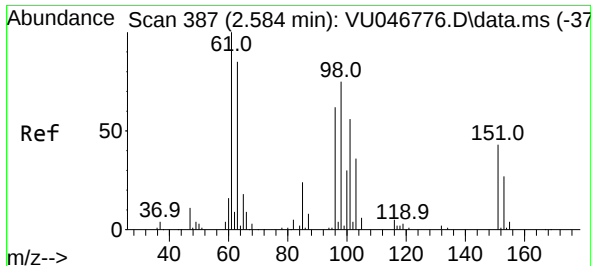
Tgt Ion: 85 Resp: 2121
Ion Ratio Lower Upper
85 100
87 30.3 25.8 38.6



#3
Chloromethane
Concen: 0.425 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

Tgt Ion: 50 Resp: 3943
Ion Ratio Lower Upper
50 100
52 30.3 23.0 42.8

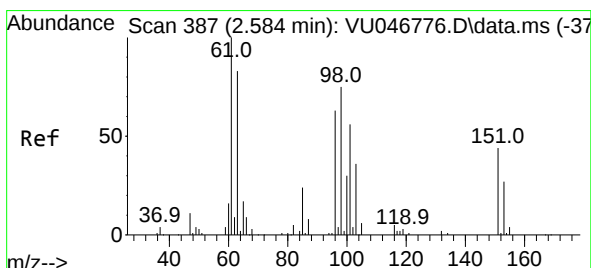
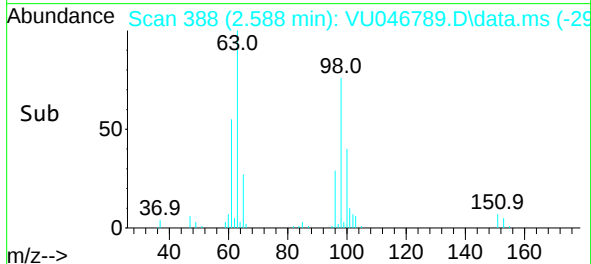
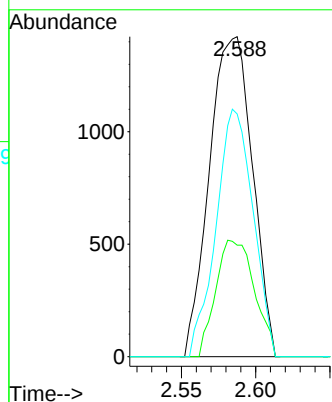
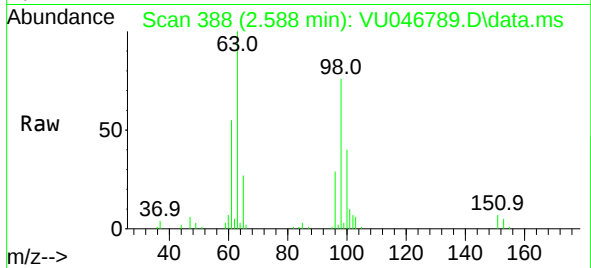




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.410 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.004 min
 Lab File: VU046789.D
 Acq: 18 Jan 2022 18:09

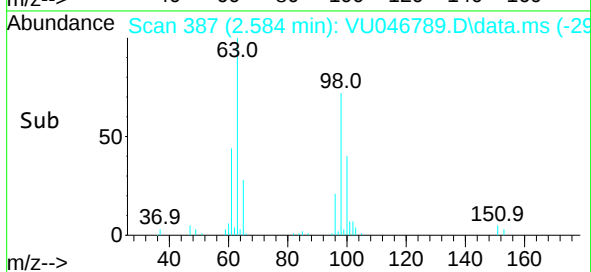
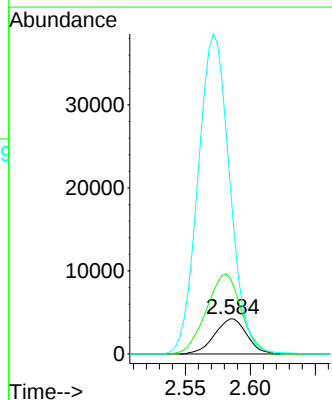
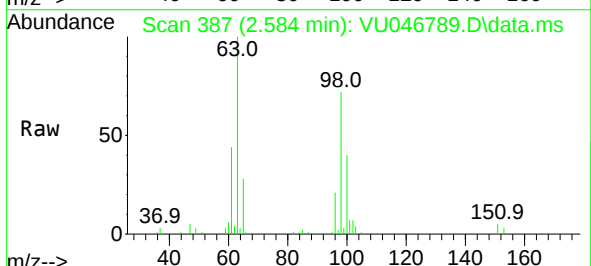
Instrument :
 MSVOA_U
 Client Sample Id :
 C0HJ9

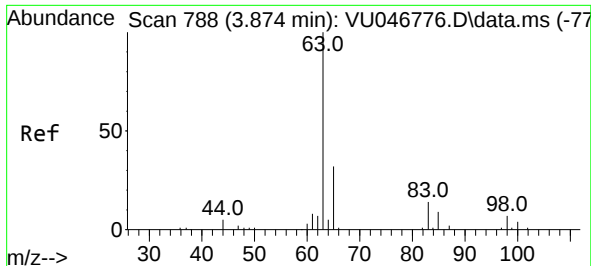
Tgt Ion: 101 Resp: 2868
 Ion Ratio Lower Upper
 101 100
 85 32.6 34.6 51.8#
 151 66.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 1.085 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU046789.D
 Acq: 18 Jan 2022 18:09

Tgt Ion: 96 Resp: 7253
 Ion Ratio Lower Upper
 96 100
 61 216.6 124.7 231.5
 63 487.8 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.501 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

C0HJ9

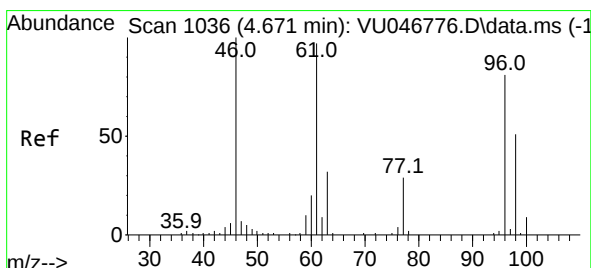
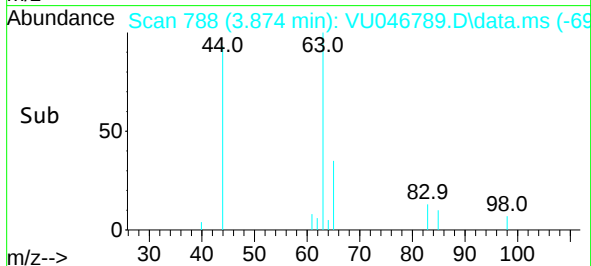
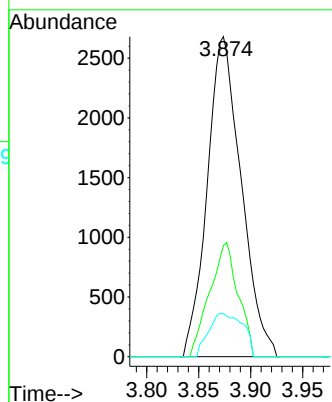
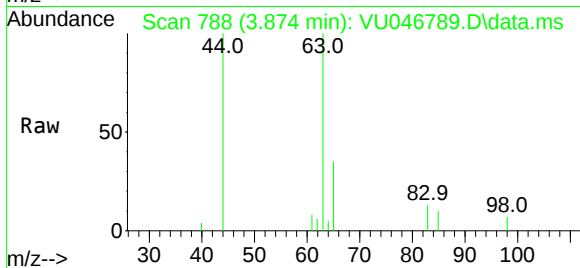
Tgt Ion: 63 Resp: 6090

Ion Ratio Lower Upper

63 100

65 34.8 22.3 41.5

83 13.4 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 2.051 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

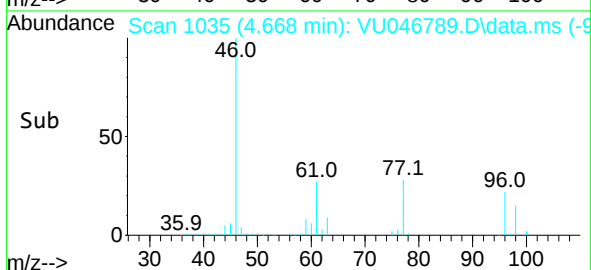
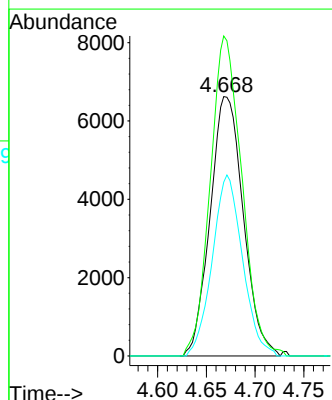
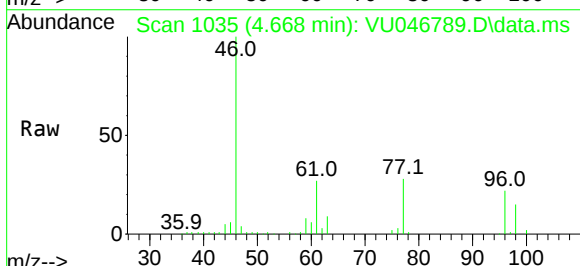
Tgt Ion: 96 Resp: 15660

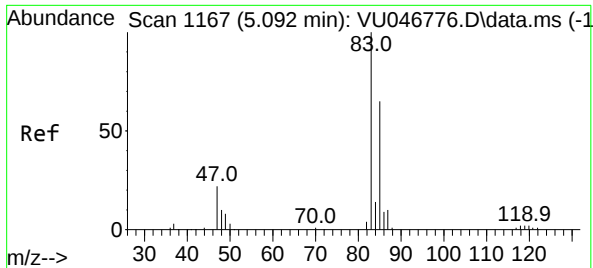
Ion Ratio Lower Upper

96 100

61 123.4 88.5 164.3

98 67.0 44.4 82.5





#25

Chloroform

Concen: 0.689 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

Instrument :

MSVOA_U

ClientSampleId :

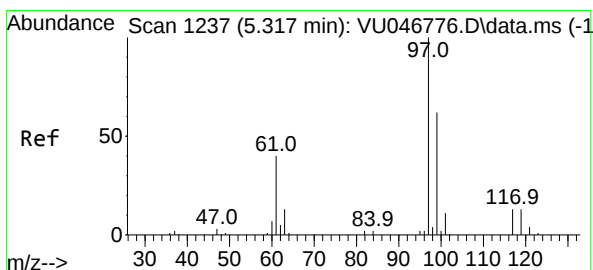
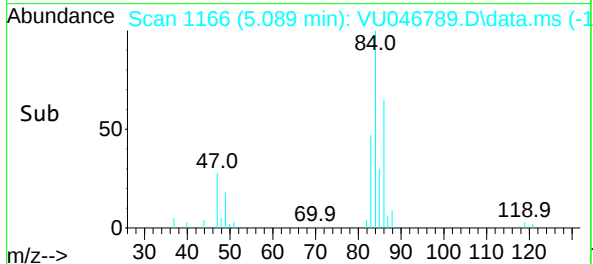
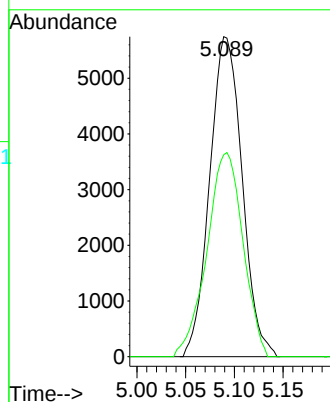
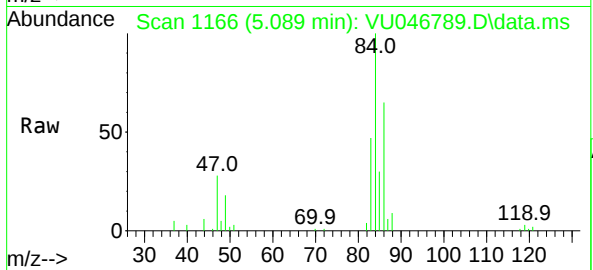
COHJ9

Tgt Ion: 83 Resp: 13301

Ion Ratio Lower Upper

83 100

85 63.1 46.9 87.1



#29

1,1,1-Trichloroethane

Concen: 0.245 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046789.D

Acq: 18 Jan 2022 18:09

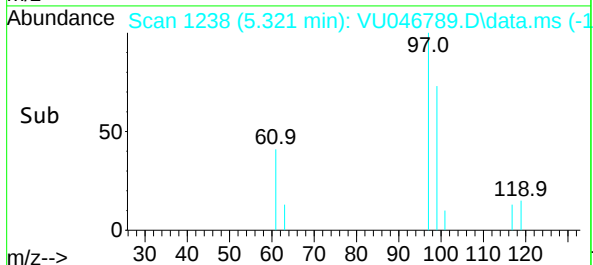
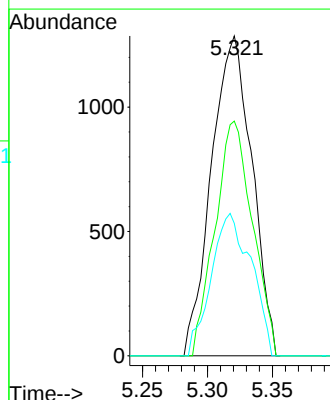
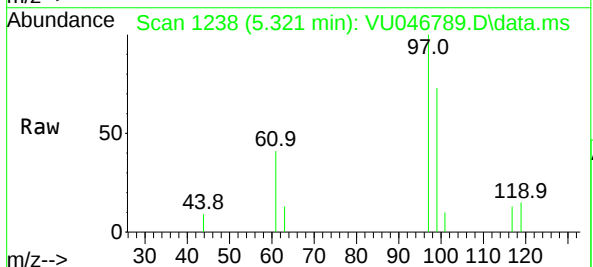
Tgt Ion: 97 Resp: 2790

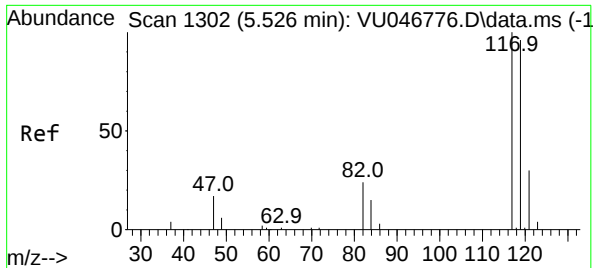
Ion Ratio Lower Upper

97 100

99 68.0 51.3 76.9

61 44.0 36.1 54.1

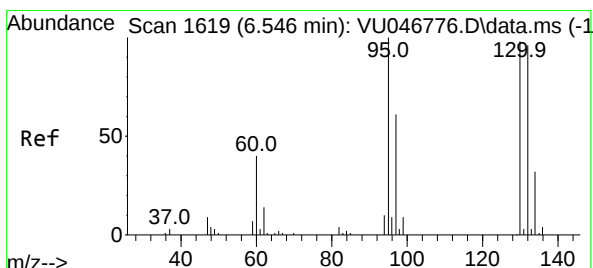
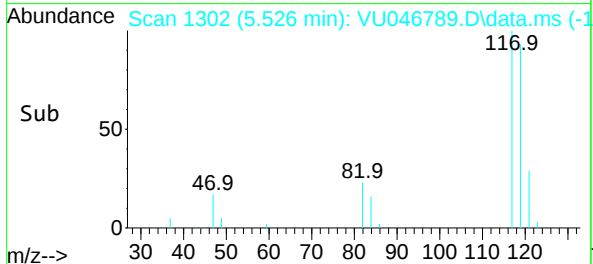
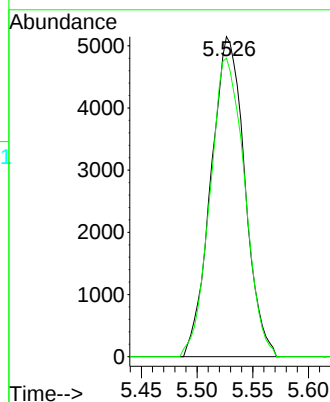
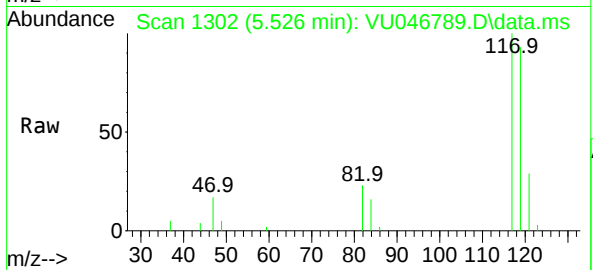




#31
Carbon tetrachloride
Concen: 1.111 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

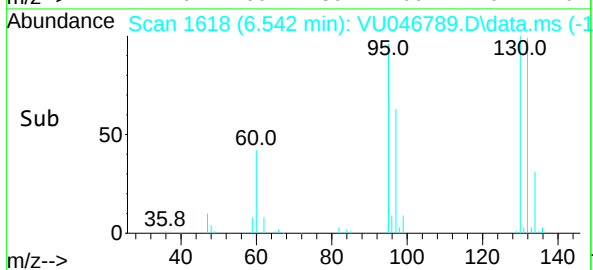
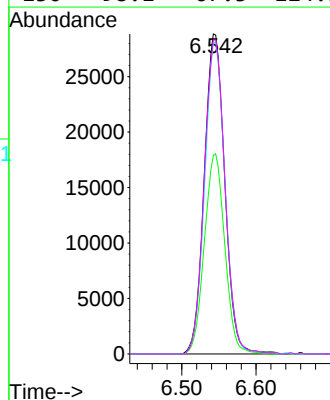
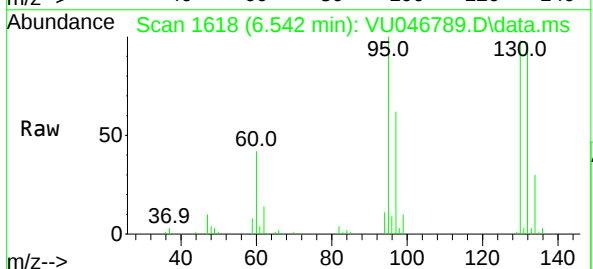
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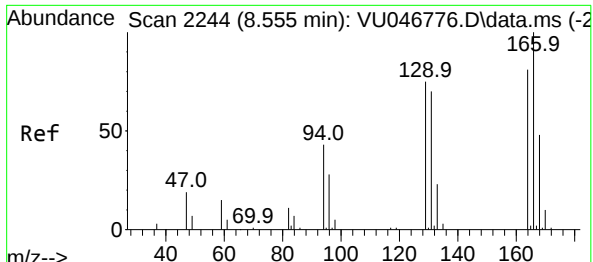
Tgt Ion:117 Resp: 10840
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#34
Trichloroethene
Concen: 7.156 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046789.D
Acq: 18 Jan 2022 18:09

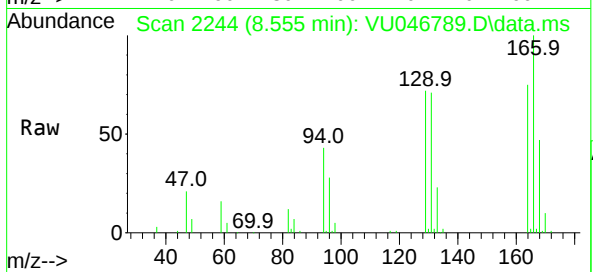
Tgt Ion: 95 Resp: 55223
Ion Ratio Lower Upper
95 100
97 62.1 46.5 86.5
132 97.0 65.1 120.9
130 98.1 67.3 124.9





#47
 Tetrachloroethene
 Concen: 5.374 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046789.D
 Acq: 18 Jan 2022 18:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HJ9



Tgt Ion:164 Resp: 33731

Ion	Ratio	Lower	Upper
164	100		
129	95.9	71.8	133.4
131	94.7	68.5	127.3
166	134.1	94.1	174.8

