

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

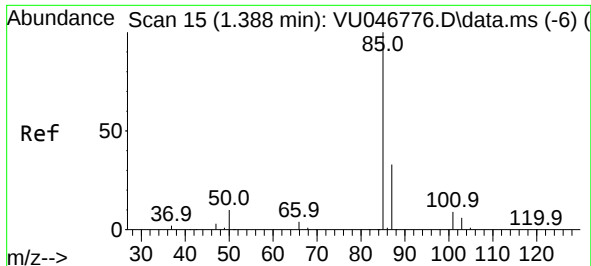
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HJ7

Quant Time: Jan 19 07:47:25 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
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	39432	4.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.572	65	19659	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.649	46	155909	52.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.067	84	85043	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.706	65	47921	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.729	84	176082	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.694	67	54232	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.899	98	153384	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.182	79	21933	4.636	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.639	63	139495	49.792	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53167	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	59677	5.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
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
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
47) Tetrachloroethene	8.555	164	33799	5.568	ug/L	93

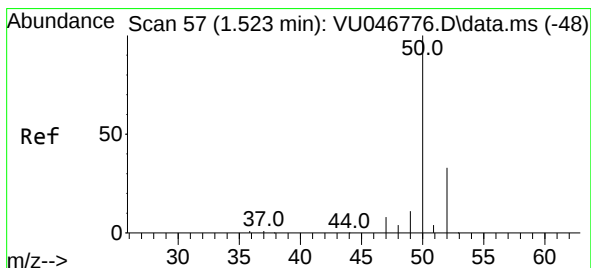
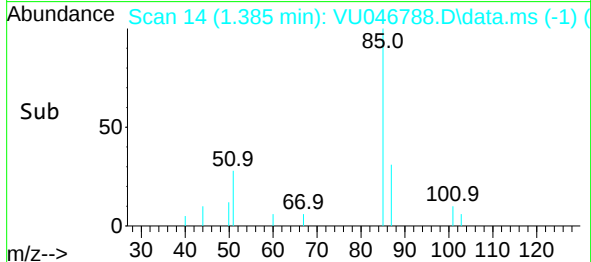
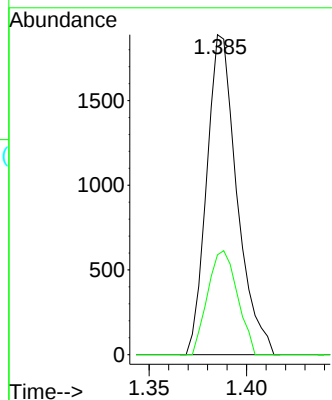
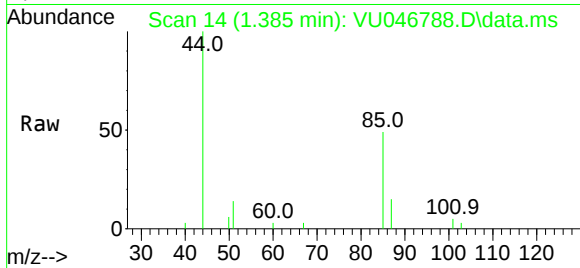
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

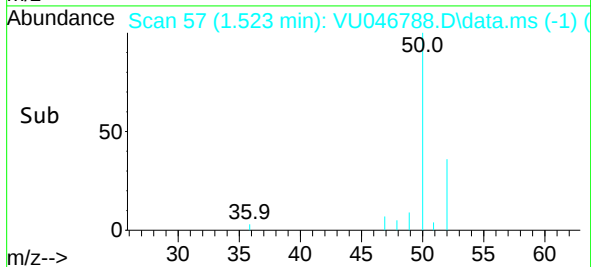
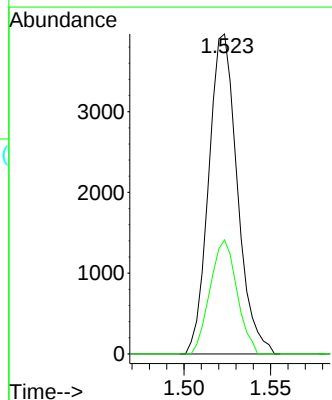
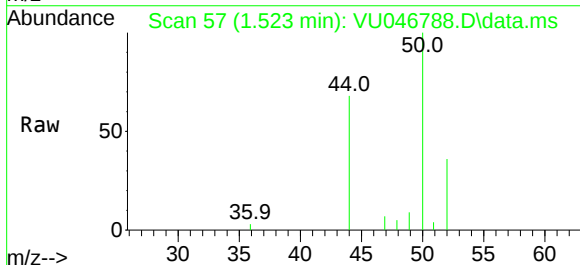
Instrument :
MSVOA_U
ClientSampleId :
C0HJ7

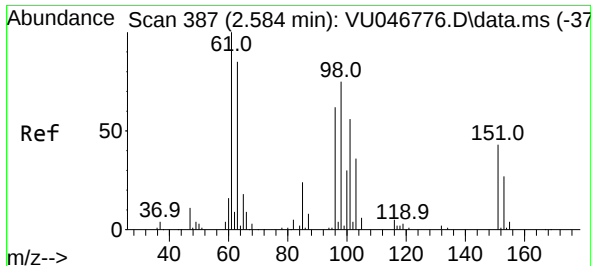
Tgt Ion: 85 Resp: 2035
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.6



#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# 3

Delta R.T. -0.003 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

COHJ7

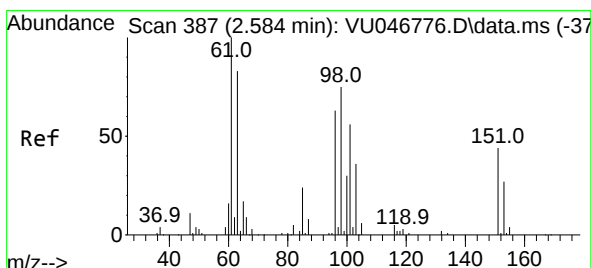
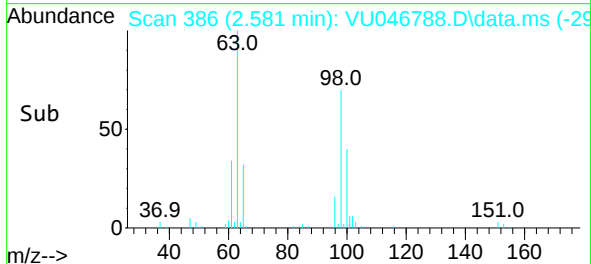
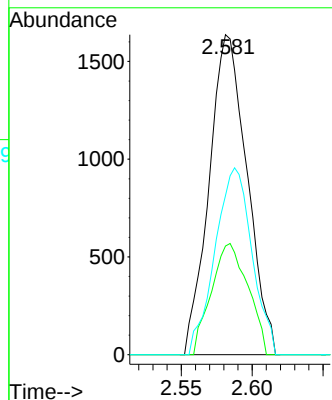
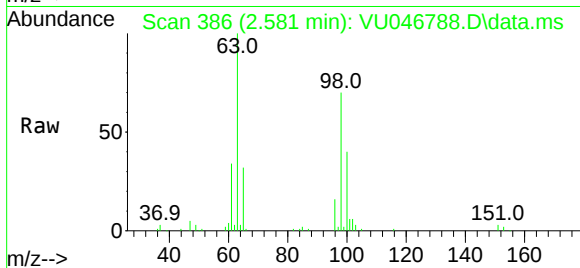
Tgt Ion:101 Resp: 3048

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

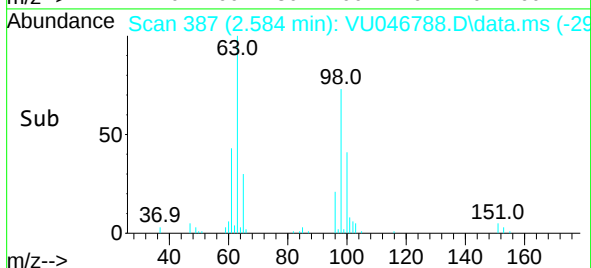
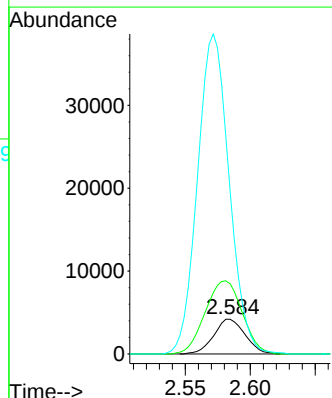
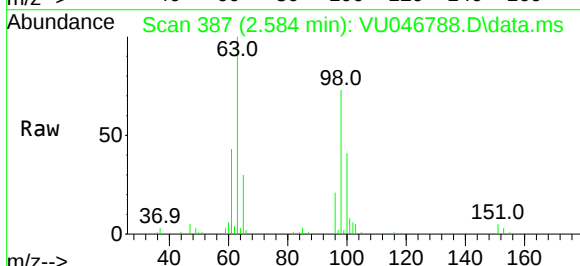
Tgt Ion: 96 Resp: 7016

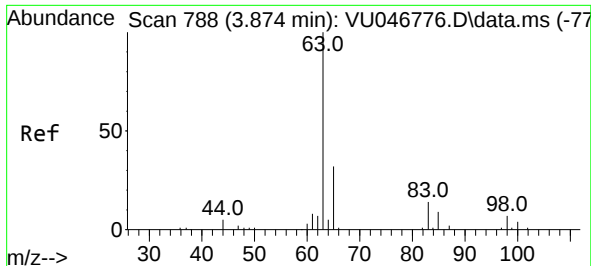
Ion Ratio Lower Upper

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# 788

Delta R.T. -0.003 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

COHJ7

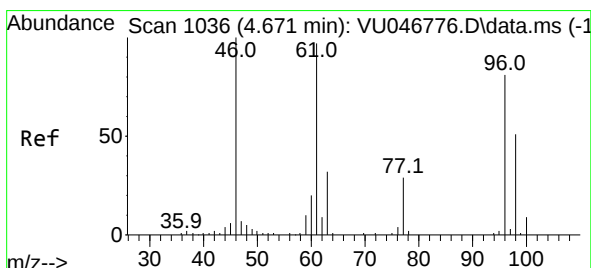
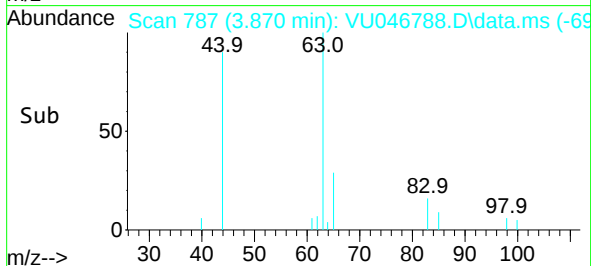
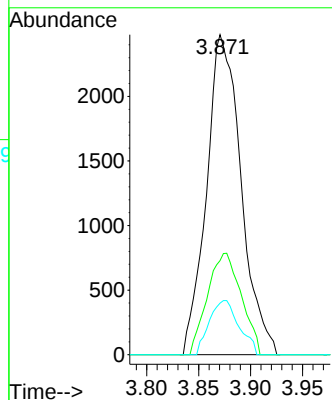
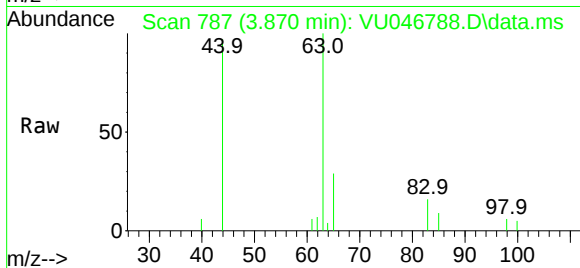
Tgt Ion: 63 Resp: 5732

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

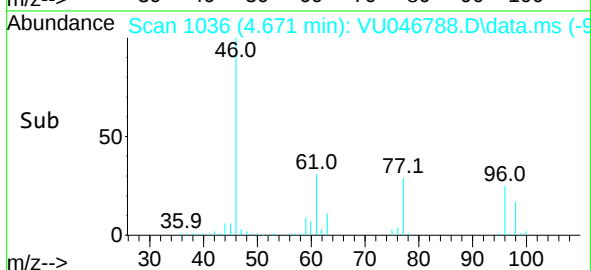
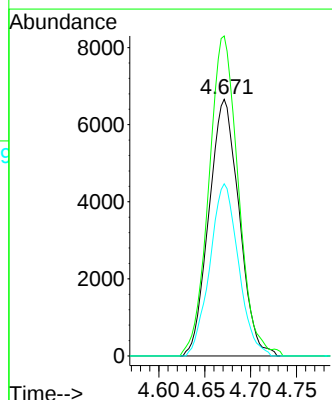
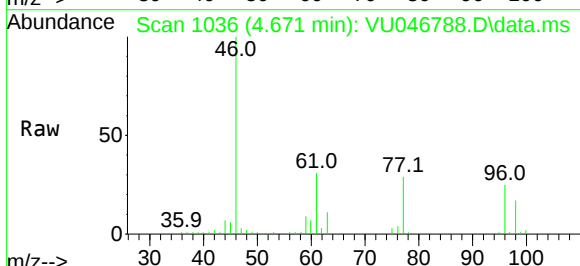
Tgt Ion: 96 Resp: 15237

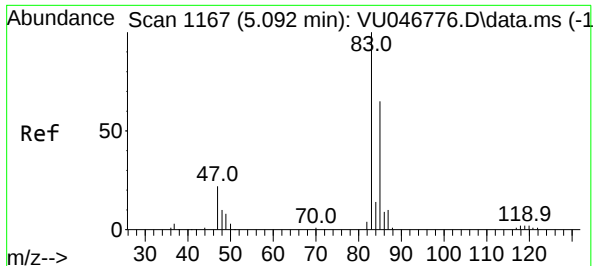
Ion Ratio Lower Upper

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 :

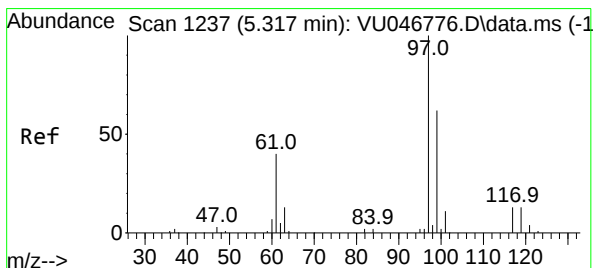
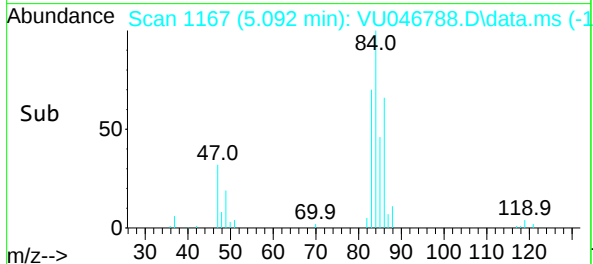
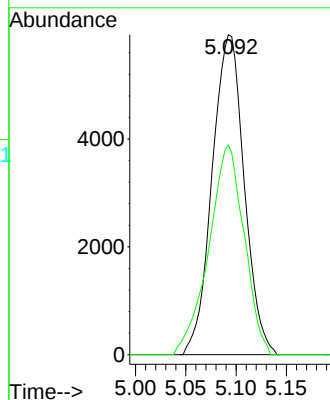
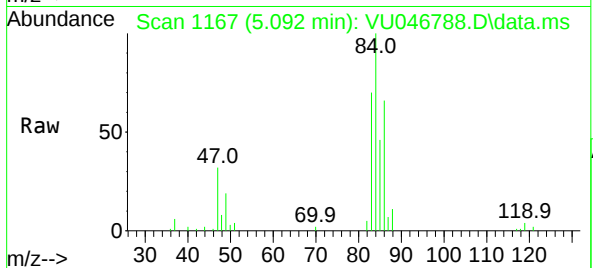
C0HJ7

Tgt Ion: 83 Resp: 13176

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1



#29

1,1,1-Trichloroethane

Concen: 0.277 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046788.D

Acq: 18 Jan 2022 17:45

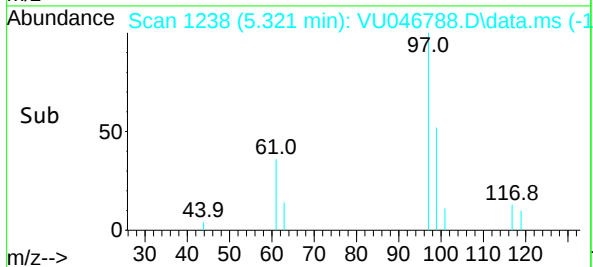
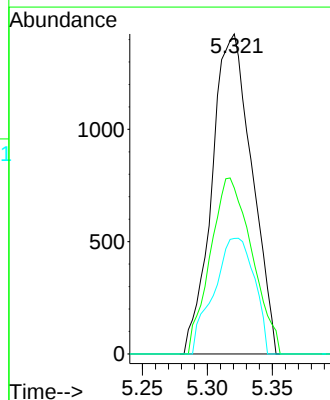
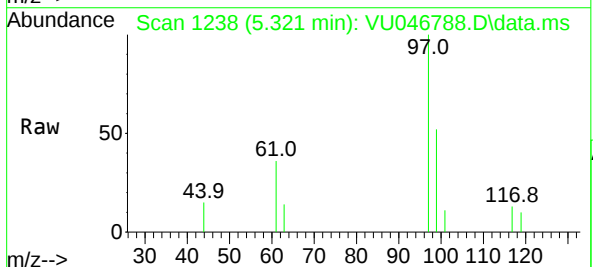
Tgt Ion: 97 Resp: 3050

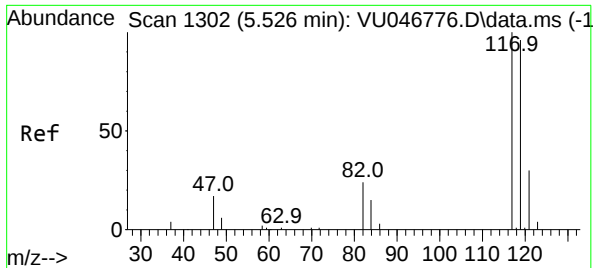
Ion Ratio Lower Upper

97 100

99 57.3 51.3 76.9

61 36.6 36.1 54.1

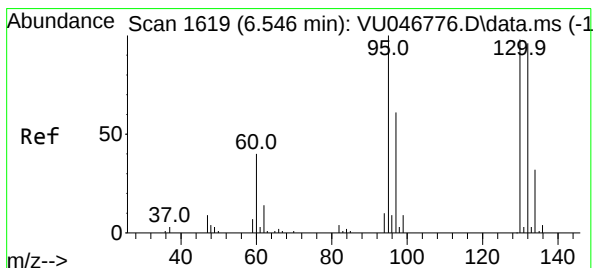
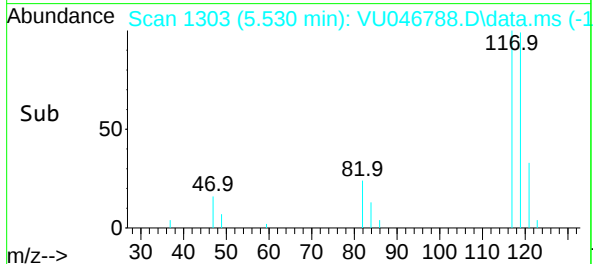
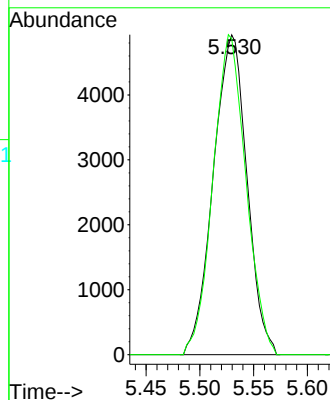
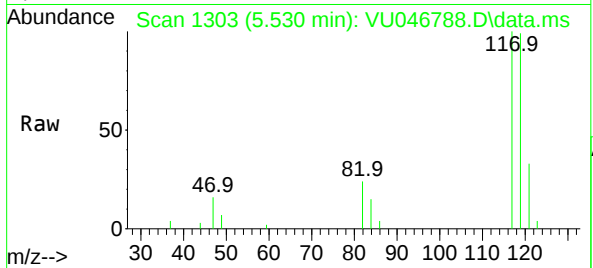




#31
Carbon tetrachloride
Concen: 1.135 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046788.D
Acq: 18 Jan 2022 17:45

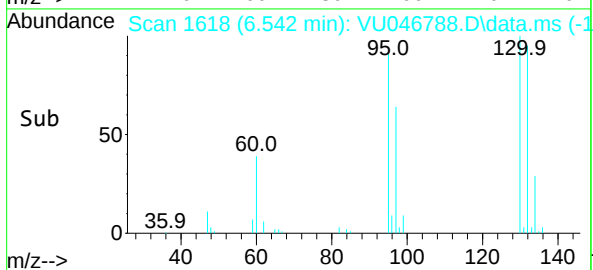
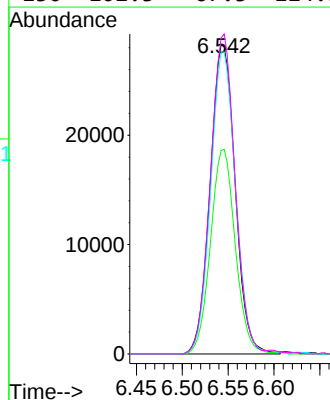
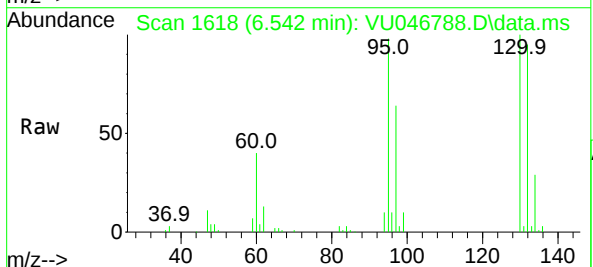
Instrument :
MSVOA_U
ClientSampleId :
C0HJ7

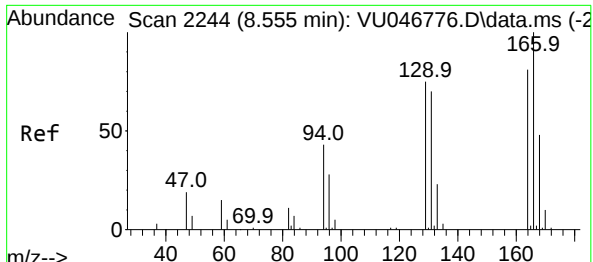
Tgt Ion:117 Resp: 10711
Ion Ratio Lower Upper
117 100
119 97.7 77.5 116.3



#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

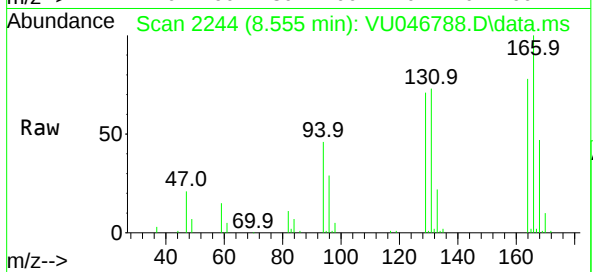
Tgt Ion: 95 Resp: 53591
Ion Ratio Lower Upper
95 100
97 65.8 46.5 86.5
132 97.7 65.1 120.9
130 102.3 67.3 124.9





#47
 Tetrachloroethene
 Concen: 5.568 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046788.D
 Acq: 18 Jan 2022 17:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HJ7



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

