

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046754.D
 Acq On : 13 Jan 2022 13:59
 Operator : SY/MD
 Sample : N1101-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

Quant Time: Jan 13 23:13:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

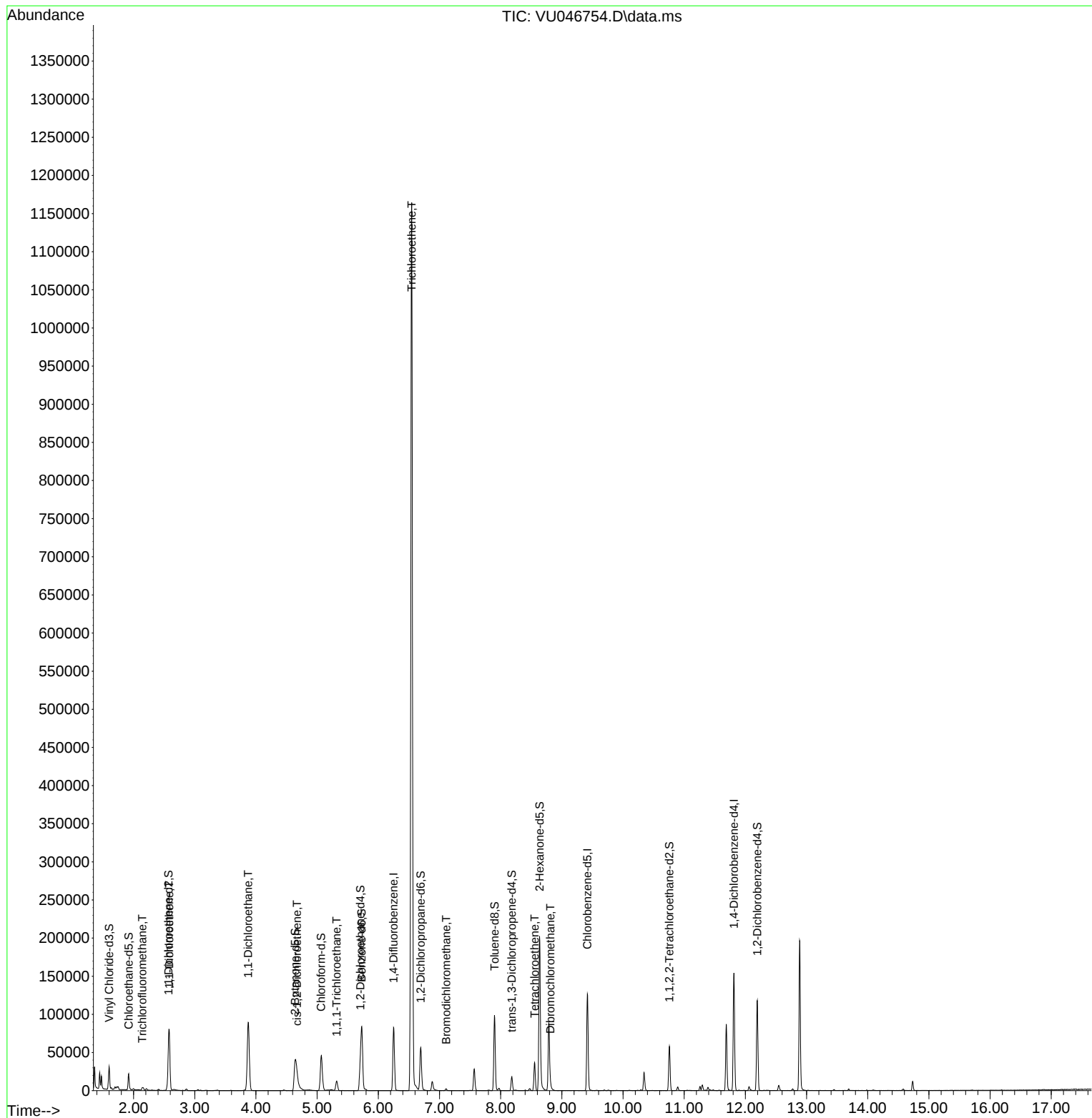
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	68643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	71501	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	16804	3.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.919	69	16357	3.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.571	65	7386	3.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.642	46	87100	55.537	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.080%
24) Chloroform-d	5.067	84	43739	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.706	65	25281	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.729	84	79869	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.694	67	26637	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.899	98	66856	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.182	79	11486	4.147	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.636	63	76247	46.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28218	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	32160	4.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	2027	0.174	ug/L	96
12) 1,1-Dichloroethene	2.584	96	19840	3.286	ug/L	75
19) 1,1-Dichloroethane	3.874	63	103180	8.694	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	2686	0.381	ug/L	82
29) 1,1,1-Trichloroethane	5.317	97	9491	0.803	ug/L	95
34) Trichloroethene	6.546	95	406666	54.301	ug/L	98
38) Bromodichloromethane	7.108	83	1742	0.174	ug/L #	93
47) Tetrachloroethene	8.555	164	8419	1.589	ug/L	92
49) Dibromochloromethane	8.812	129	1956	0.271	ug/L	90

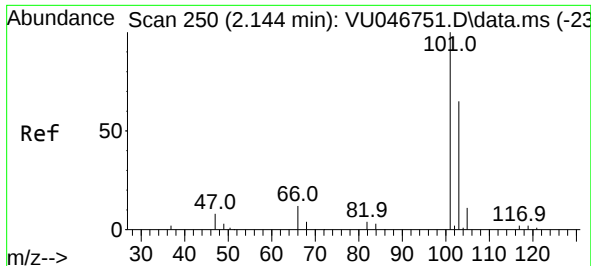
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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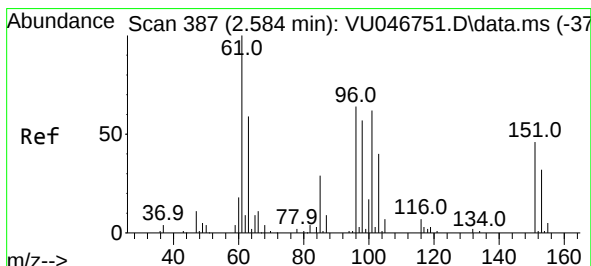
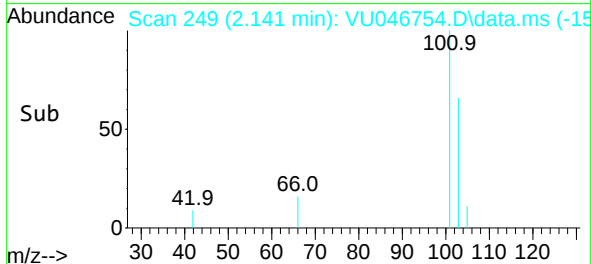
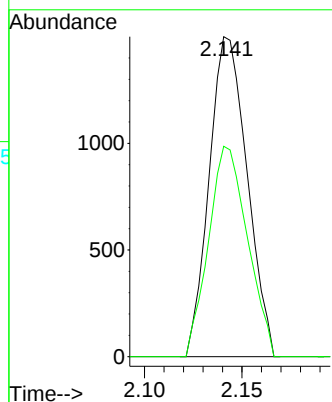
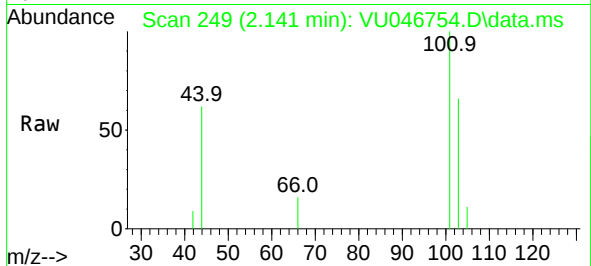




#9
 Trichlorofluoromethane
 Concen: 0.174 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. 0.003 min
 Lab File: VU046754.D
 Acq: 13 Jan 2022 13:59

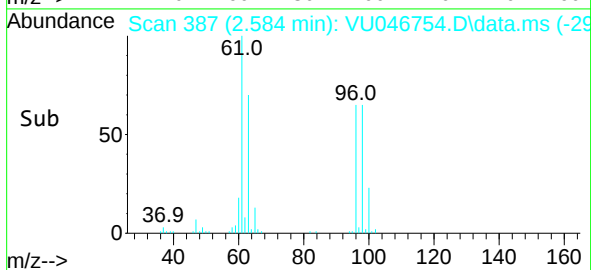
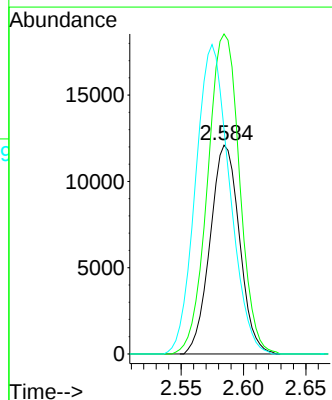
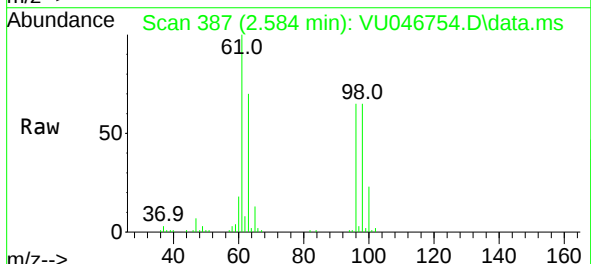
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

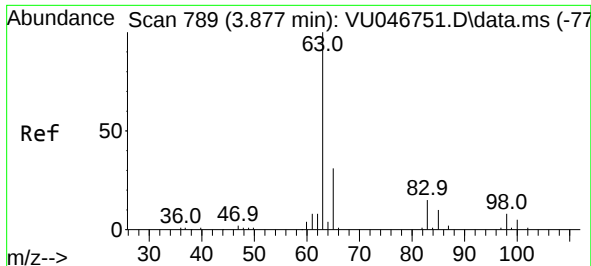
Tgt Ion:101 Resp: 2027
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 3.286 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.006 min
 Lab File: VU046754.D
 Acq: 13 Jan 2022 13:59

Tgt Ion: 96 Resp: 19840
 Ion Ratio Lower Upper
 96 100
 61 153.2 124.7 231.5
 63 107.5 105.2 195.4





#19

1,1-Dichloroethane

Concen: 8.694 ug/L

RT: 3.874 min Scan# 789

Delta R.T. 0.006 min

Lab File: VU046754.D

Acq: 13 Jan 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

BFX0

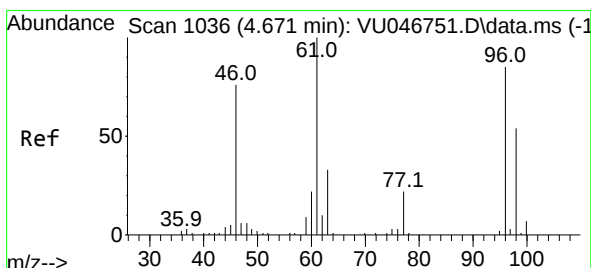
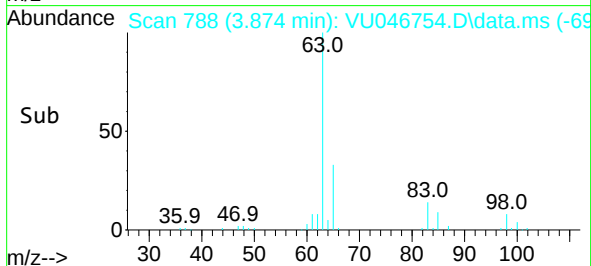
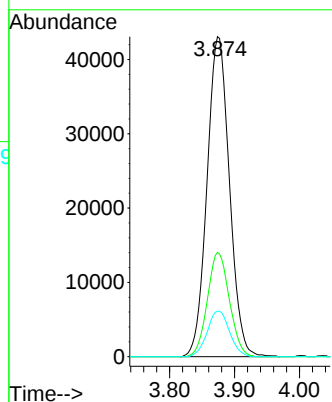
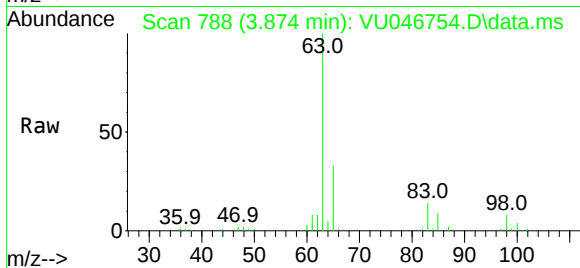
Tgt Ion: 63 Resp: 103180

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

83 14.2 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.381 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU046754.D

Acq: 13 Jan 2022 13:59

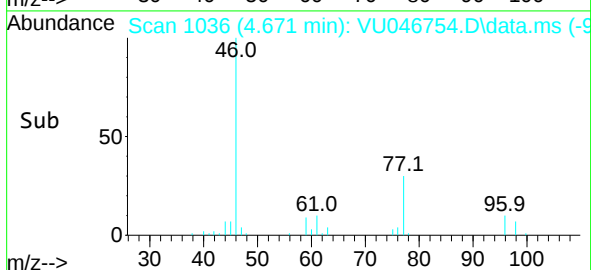
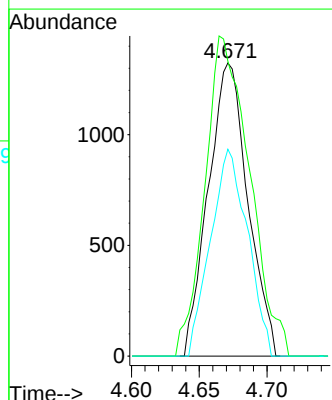
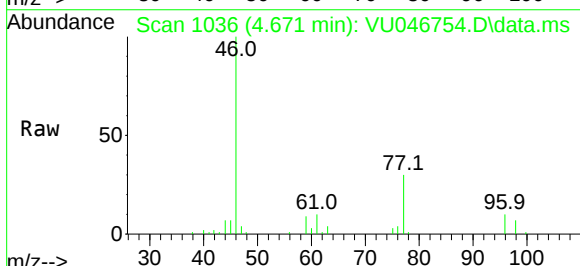
Tgt Ion: 96 Resp: 2686

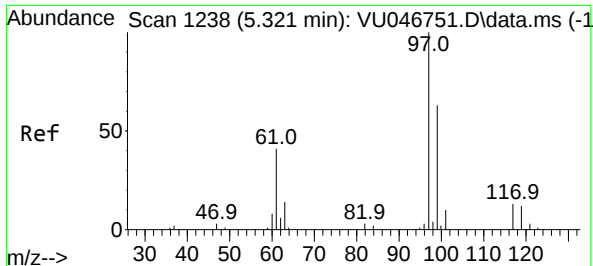
Ion Ratio Lower Upper

96 100

61 100.6 88.5 164.3

98 70.5 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.803 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046754.D

Acq: 13 Jan 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

BFX0

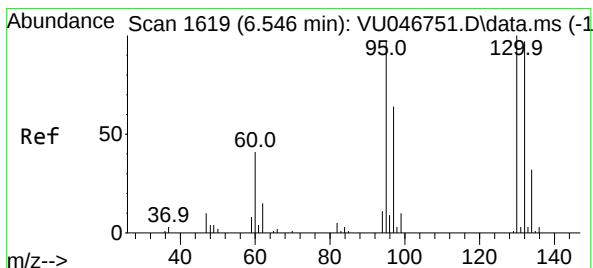
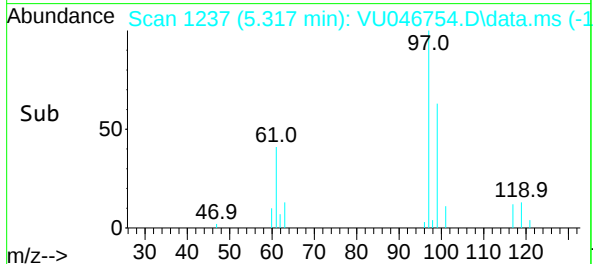
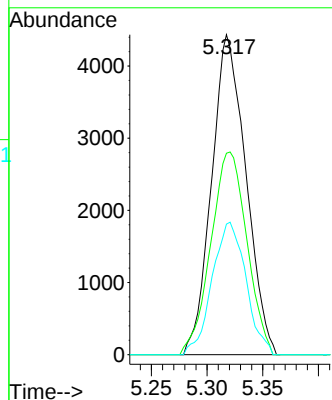
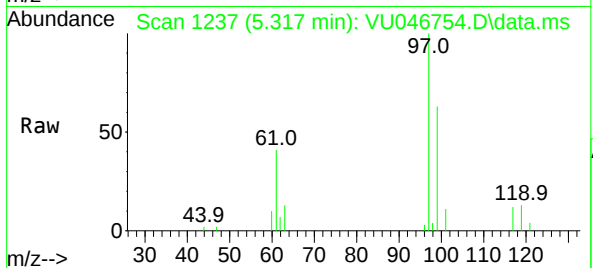
Tgt Ion: 97 Resp: 9491

Ion Ratio Lower Upper

97 100

99 66.7 51.3 76.9

61 40.8 36.1 54.1



#34

Trichloroethene

Concen: 54.301 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.003 min

Lab File: VU046754.D

Acq: 13 Jan 2022 13:59

Tgt Ion: 95 Resp: 406666

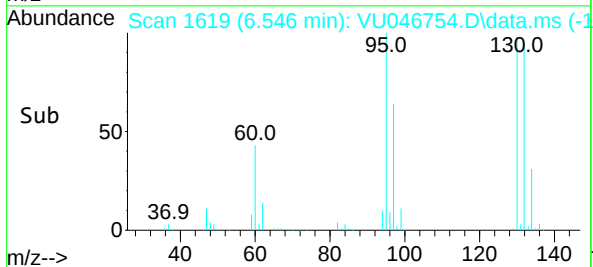
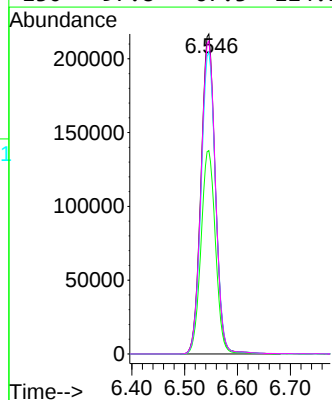
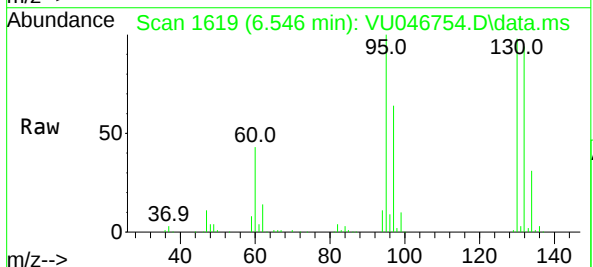
Ion Ratio Lower Upper

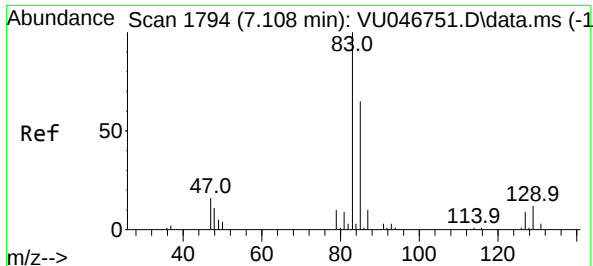
95 100

97 63.5 46.5 86.5

132 94.4 65.1 120.9

130 97.8 67.3 124.9

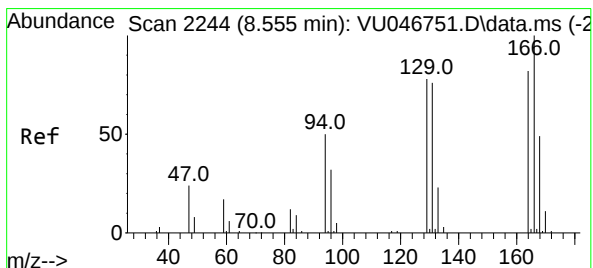
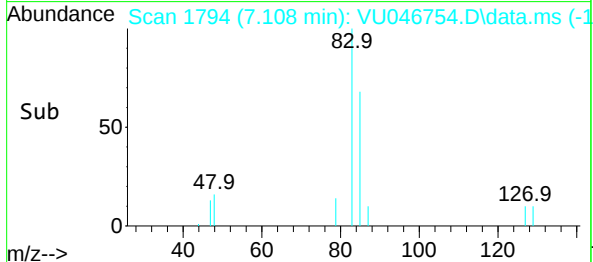
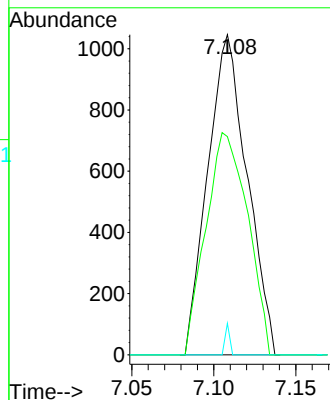
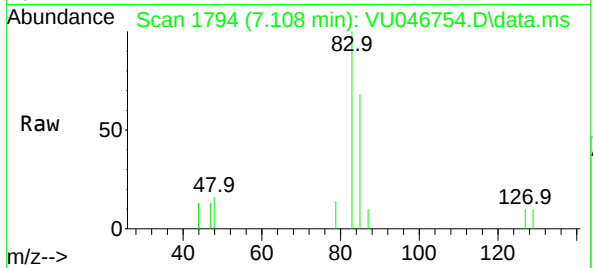




#38
Bromodichloromethane
Concen: 0.174 ug/L
RT: 7.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046754.D
Acq: 13 Jan 2022 13:59

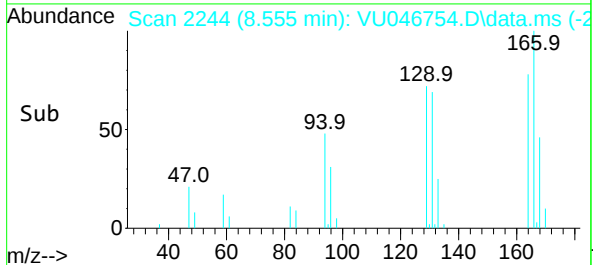
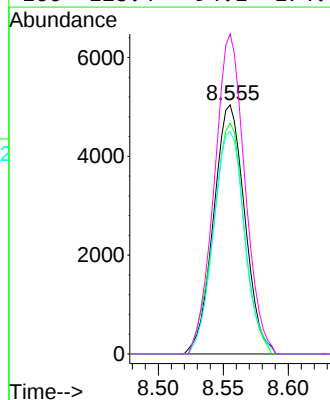
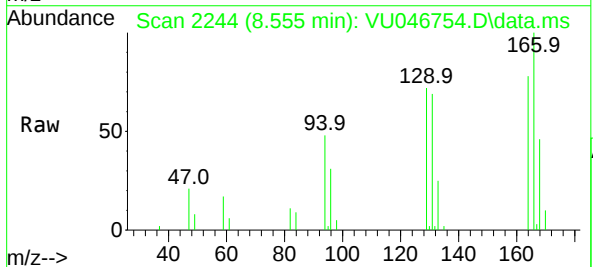
Instrument :
MSVOA_U
ClientSampleId :
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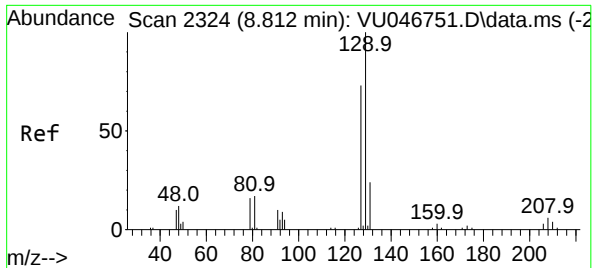
Tgt Ion: 83 Resp: 1742
Ion Ratio Lower Upper
83 100
85 68.2 44.0 81.8
127 9.8 6.3 9.5#



#47
Tetrachloroethene
Concen: 1.589 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046754.D
Acq: 13 Jan 2022 13:59

Tgt Ion: 164 Resp: 8419
Ion Ratio Lower Upper
164 100
129 92.6 71.8 133.4
131 89.2 68.5 127.3
166 128.4 94.1 174.8





#49
 Dibromochloromethane
 Concen: 0.271 ug/L
 RT: 8.812 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046754.D
 Acq: 13 Jan 2022 13:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX0

Tgt Ion:129 Resp: 1956
 Ion Ratio Lower Upper
 129 100
 127 70.6 55.4 102.8

