

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046920.D
 Acq On : 31 Jan 2022 16:14
 Operator : SY/MD
 Sample : N1328-14 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

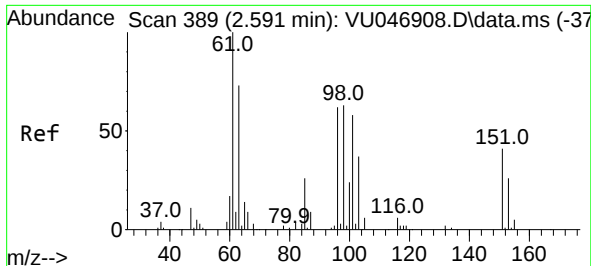
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

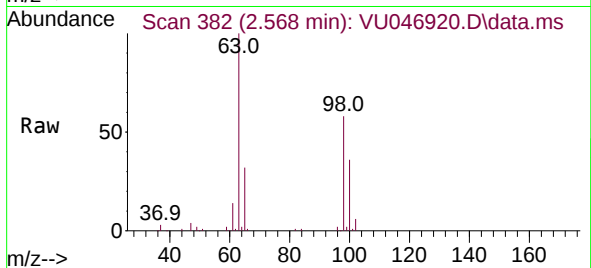
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	99905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111742	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54497	6.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.800%
7) Chloroethane-d5	1.919	69	40558	6.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.600%
11) 1,1-Dichloroethene-d2	2.575	65	20642	6.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.600%
20) 2-Butanone-d5	4.652	46	107066	42.691	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.380%
24) Chloroform-d	5.067	84	79950	5.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.707	65	44550	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.732	84	158052	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.694	67	50099	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.899	98	125159	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.182	79	19475	4.497	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.639	63	108883	42.465	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45742	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41527	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	383	0.066	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	4623	0.829	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	2042	0.320	ug/L	89
34) Trichloroethene	6.546	95	21049	3.082	ug/L	95
35) Methylcyclohexane	6.694	83	12212	1.067	ug/L #	19
37) 1,2-Dichloropropane	6.697	63	5531	0.857	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1319	0.131	ug/L #	66
45) 1,1,2-Trichloroethane	8.552	97	1255	0.229	ug/L #	1
47) Tetrachloroethene	8.555	164	136335	24.541	ug/L	96
49) Dibromochloromethane	8.555	129	134098	20.704	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	5551	1.420	ug/L #	66

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

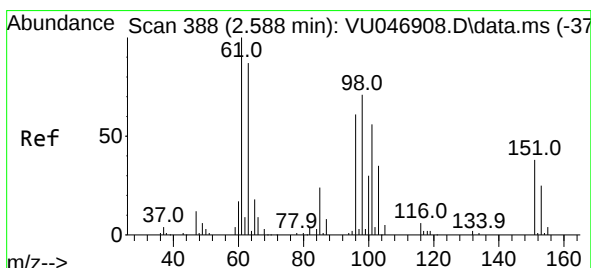
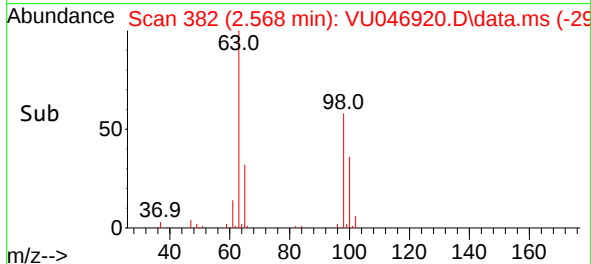
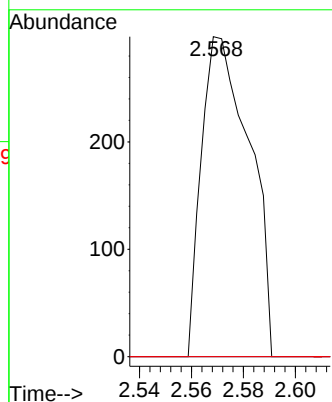


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.066 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.022 min
 Lab File: VU046920.D
 Acq: 31 Jan 2022 16:14

Instrument :
 MSVOA_U
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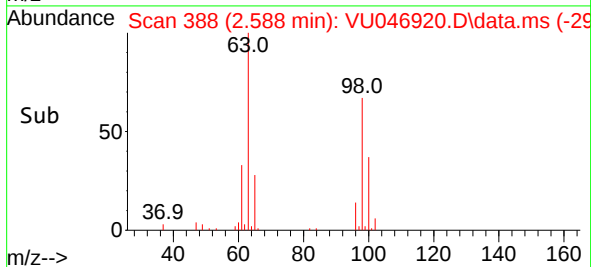
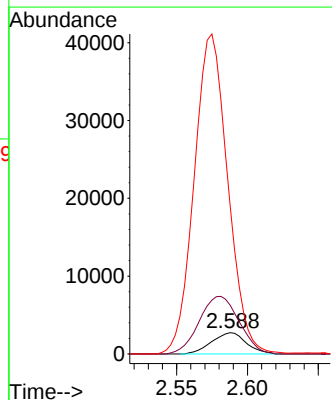
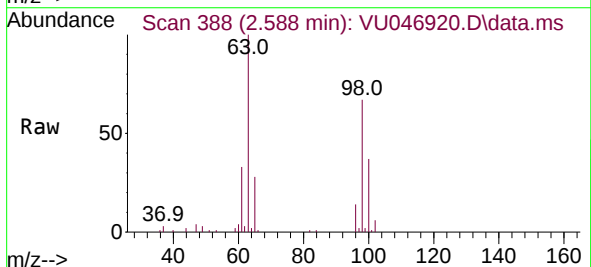


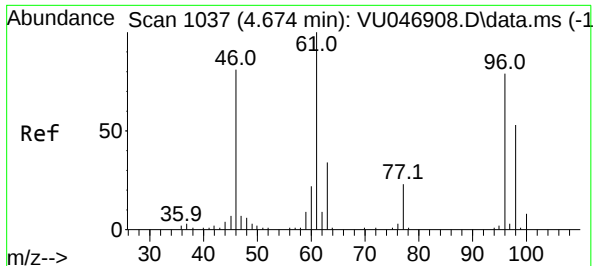
Tgt Ion:101 Resp: 383
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.829 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046920.D
 Acq: 31 Jan 2022 16:14

Tgt Ion: 96 Resp: 4623
 Ion Ratio Lower Upper
 96 100
 61 229.5 124.7 231.5
 63 698.0 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 0.320 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

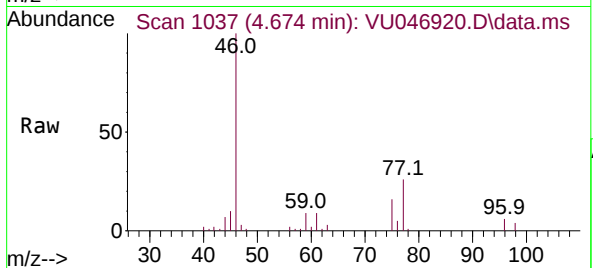
Lab File: VU046920.D

Acq: 31 Jan 2022 16:14

Instrument :

MSVOA_U

ClientSampleId :



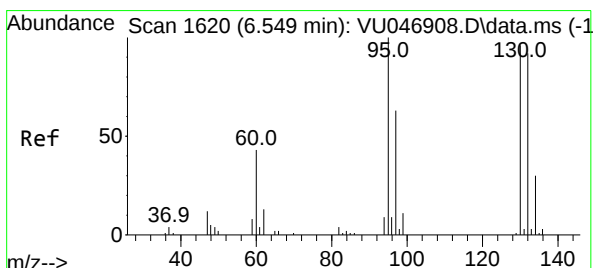
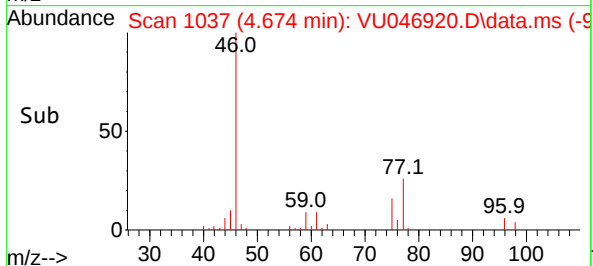
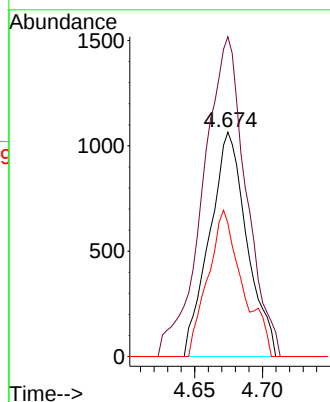
Tgt Ion: 96 Resp: 2042

Ion Ratio Lower Upper

96 100

61 142.5 88.5 164.3

98 59.3 44.4 82.5



#34

Trichloroethene

Concen: 3.082 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046920.D

Acq: 31 Jan 2022 16:14

Tgt Ion: 95 Resp: 21049

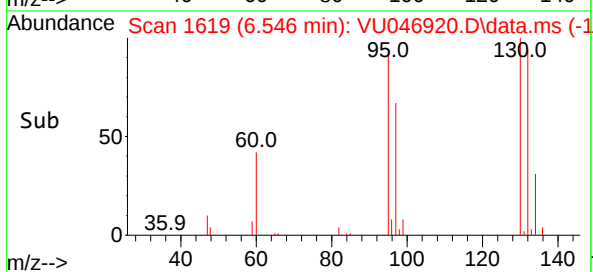
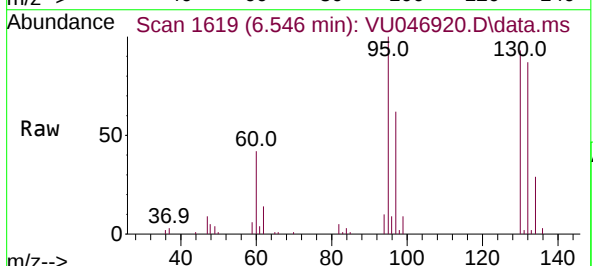
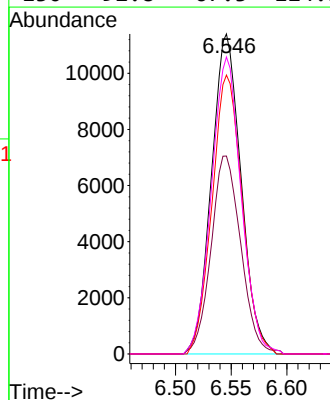
Ion Ratio Lower Upper

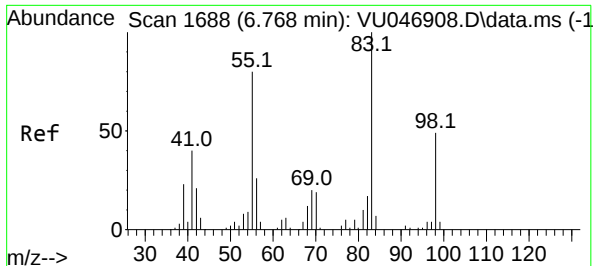
95 100

97 61.8 46.5 86.5

132 87.2 65.1 120.9

130 92.8 67.3 124.9

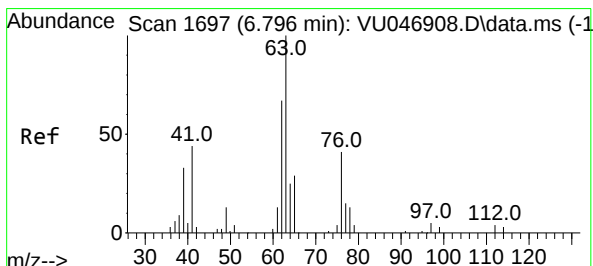
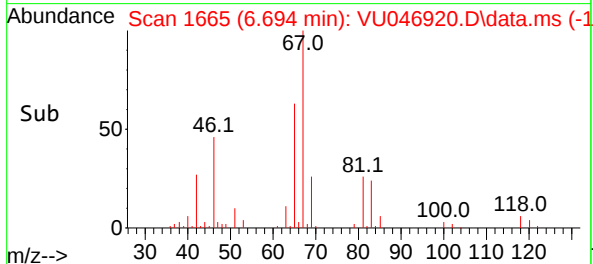
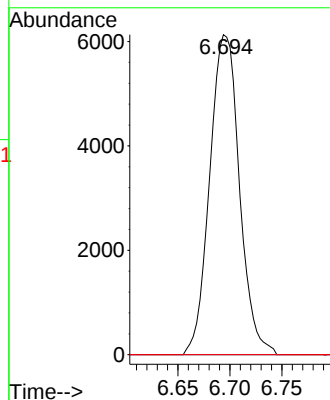
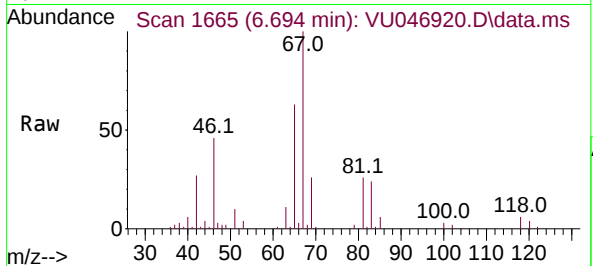




#35
Methylcyclohexane
Concen: 1.067 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046920.D
Acq: 31 Jan 2022 16:14

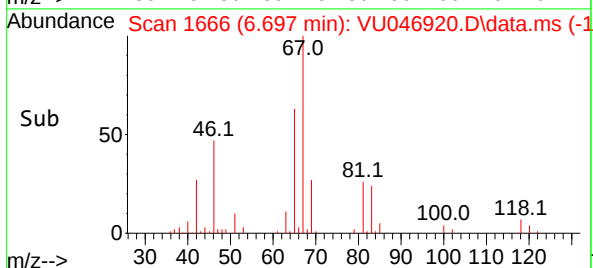
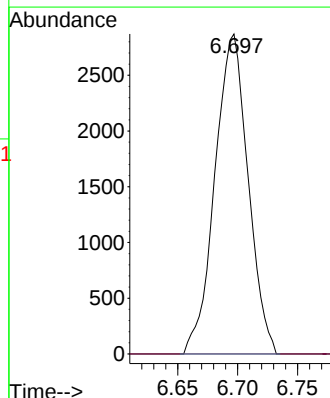
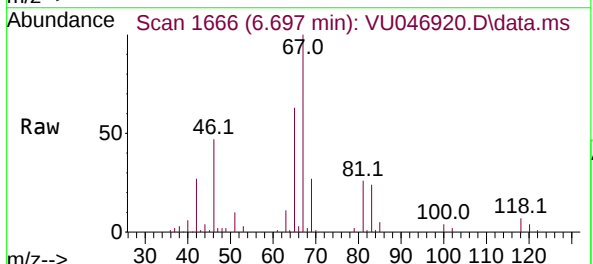
Instrument :
MSVOA_U
ClientSampleId :

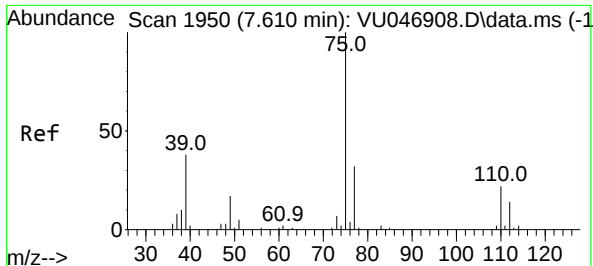
Tgt Ion: 83 Resp: 12212
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 3.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.857 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046920.D
Acq: 31 Jan 2022 16:14

Tgt Ion: 63 Resp: 5531
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU046920.D

Acq: 31 Jan 2022 16:14

Instrument :

MSVOA_U

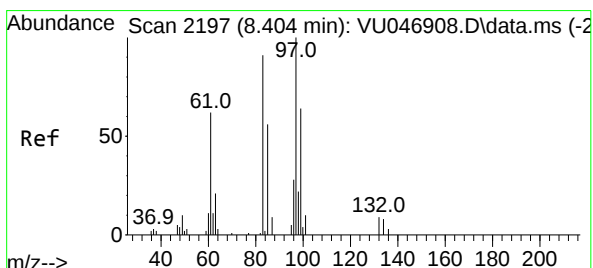
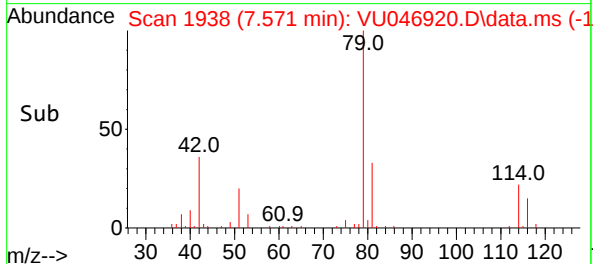
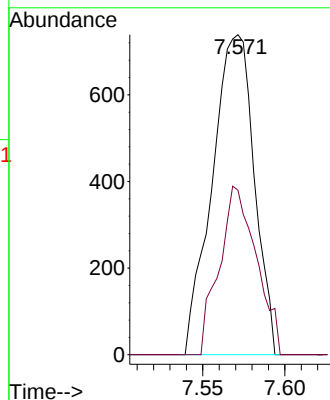
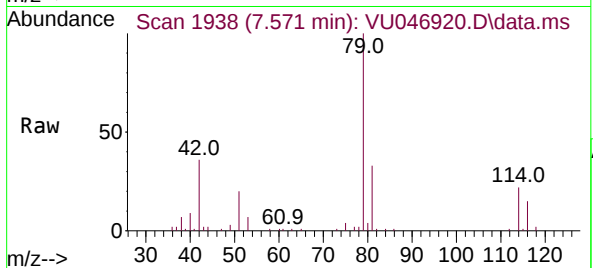
ClientSampleId :

Tgt Ion: 75 Resp: 1319

Ion Ratio Lower Upper

75 100

77 51.4 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.229 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046920.D

Acq: 31 Jan 2022 16:14

Tgt Ion: 97 Resp: 1255

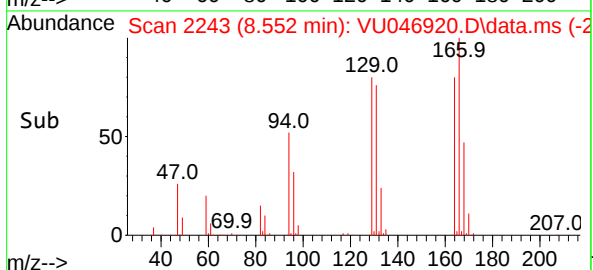
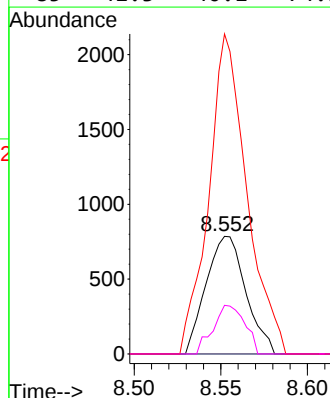
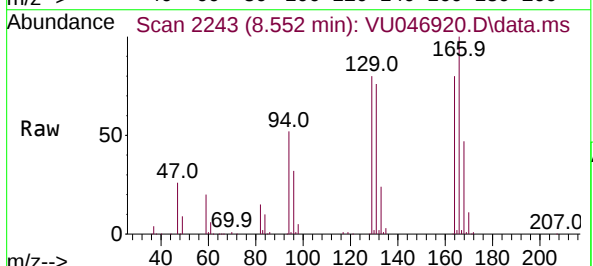
Ion Ratio Lower Upper

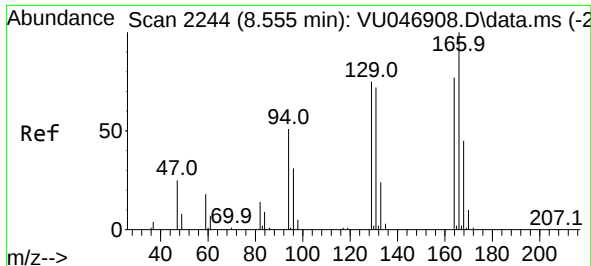
97 100

99 0.0 42.3 78.5#

83 272.0 62.0 115.2#

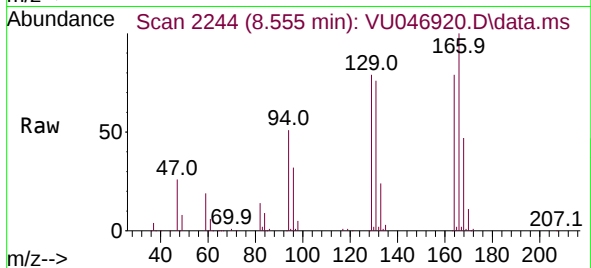
85 41.3 40.1 74.5



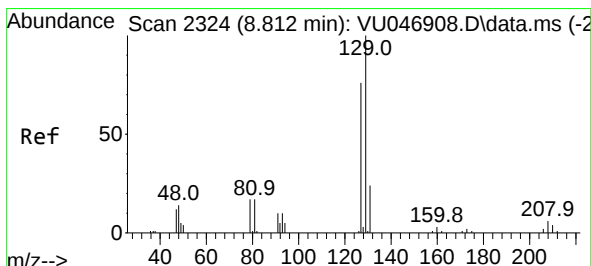
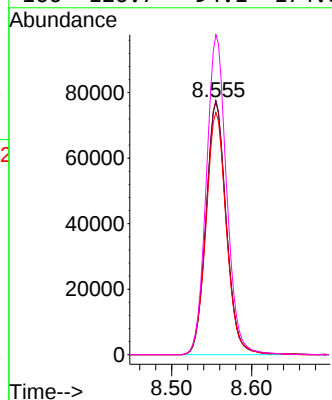
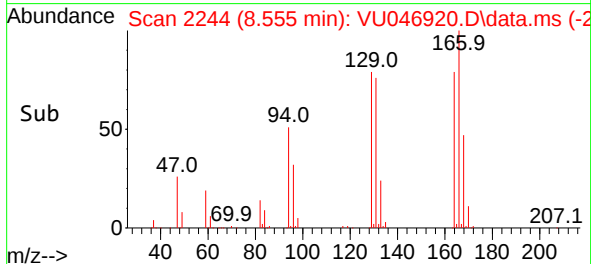


#47
Tetrachloroethene
Concen: 24.541 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046920.D
Acq: 31 Jan 2022 16:14

Instrument :
MSVOA_U
ClientSampleId :

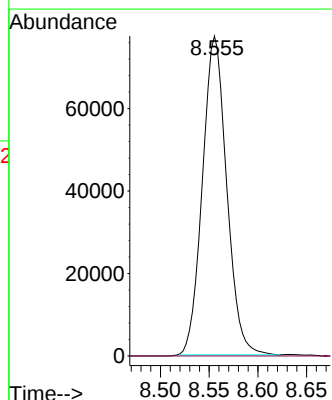
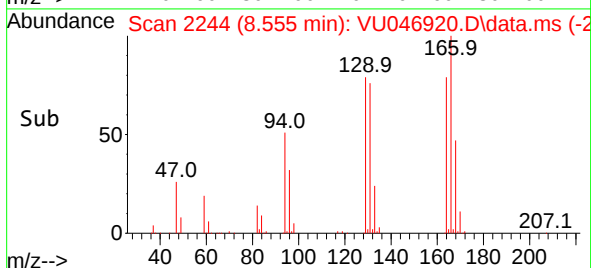
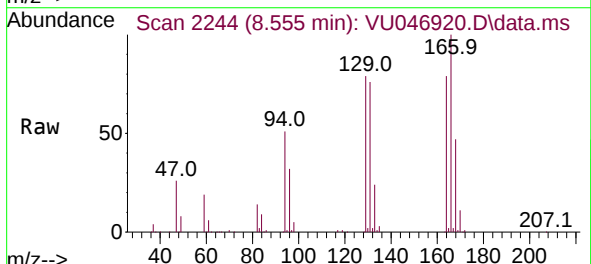


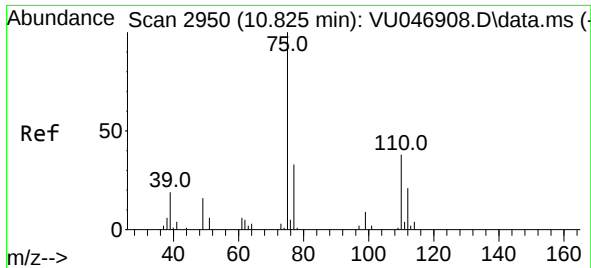
Tgt Ion:164 Resp: 136335
Ion Ratio Lower Upper
164 100
129 100.6 71.8 133.4
131 96.0 68.5 127.3
166 126.7 94.1 174.8



#49
Dibromochloromethane
Concen: 20.704 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046920.D
Acq: 31 Jan 2022 16:14

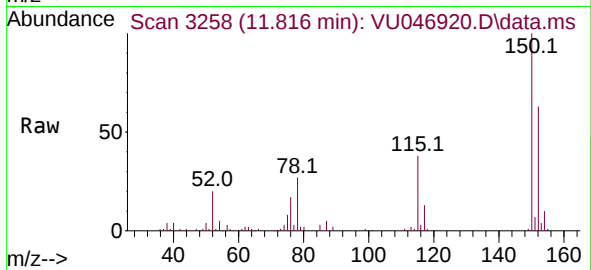
Tgt Ion:129 Resp: 134098
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.420 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046920.D
 Acq: 31 Jan 2022 16:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5551
 Ion Ratio Lower Upper
 75 100
 110 0.9 29.9 44.9#
 77 33.7 25.5 38.3

