

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047210.D
 Acq On : 17 Feb 2022 17:33
 Operator : SY/MD
 Sample : N1558-13DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M94DL

Quant Time: Feb 18 03:34:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

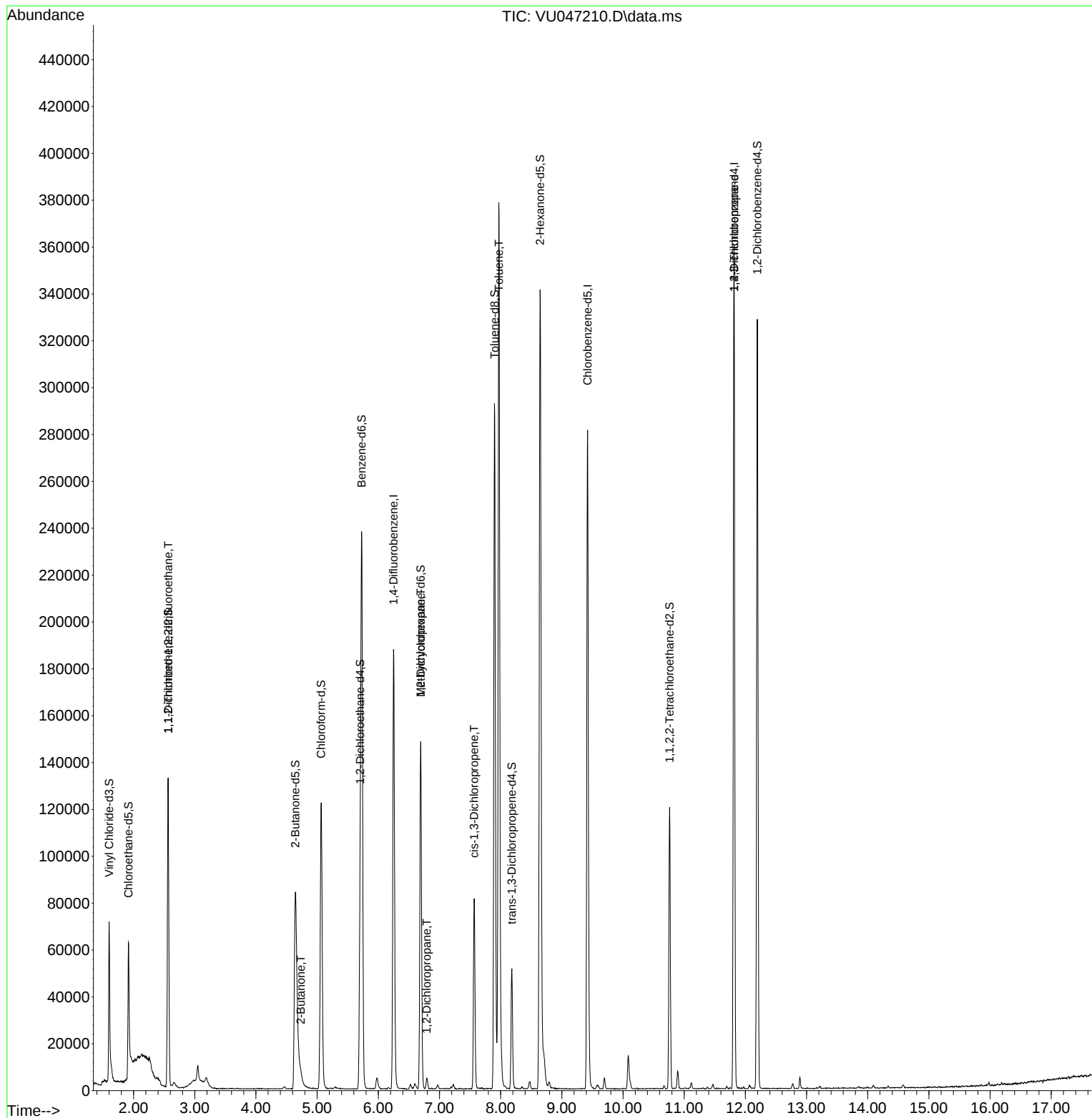
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	162594	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	169907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	99243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59707	4.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.916	69	54633	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.565	65	24480	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.645	46	172464	52.545	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.080%
24) Chloroform-d	5.067	84	107512	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.703	65	58507	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.729	84	220885	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.694	67	70566	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.899	98	211607	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.182	79	29033	4.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.645	63	152200	42.212	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	59843	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	87611	4.920	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	657	0.059	ug/L #	21
21) 2-Butanone	4.732	43	6677	2.164	ug/L	98
35) Methylcyclohexane	6.694	83	16282	0.749	ug/L #	18
37) 1,2-Dichloropropane	6.793	63	1759	0.141	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1835	0.095	ug/L #	79
42) Toluene	7.970	91	299264	5.569	ug/L	99
61) 1,2,3-Trichloropropane	11.816	75	11002	1.161	ug/L #	67

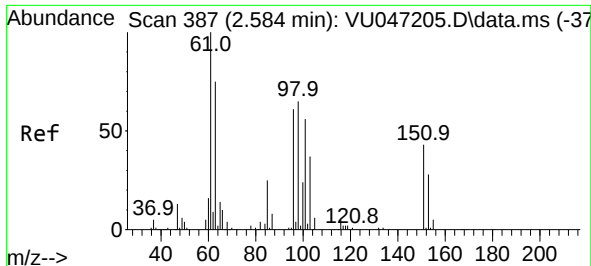
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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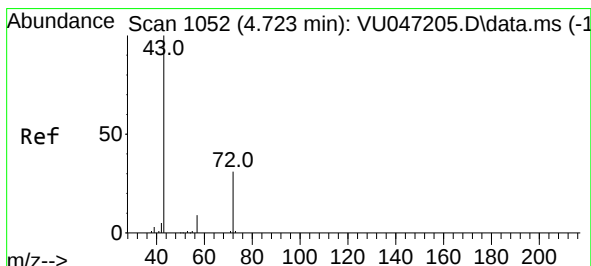
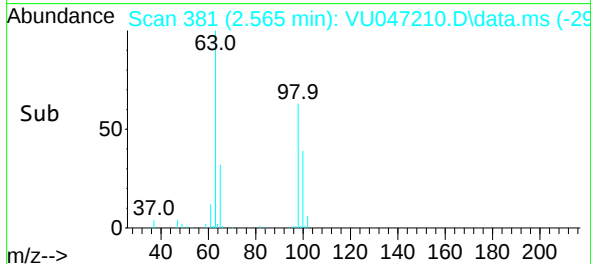
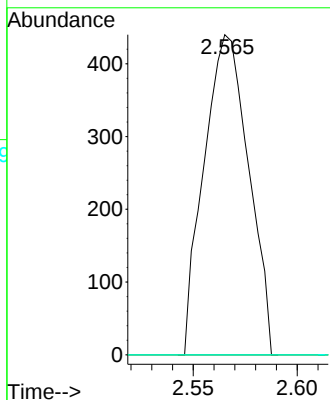
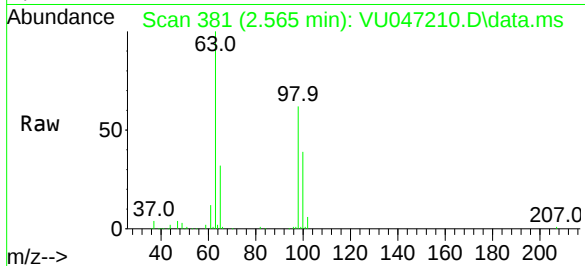




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU047210.D
Acq: 17 Feb 2022 17:33

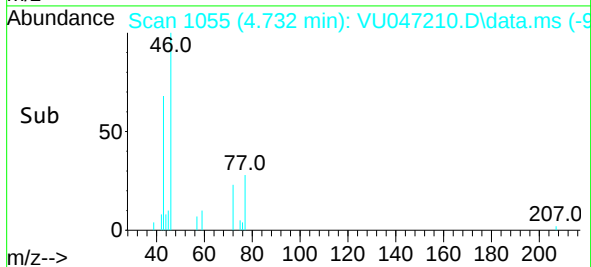
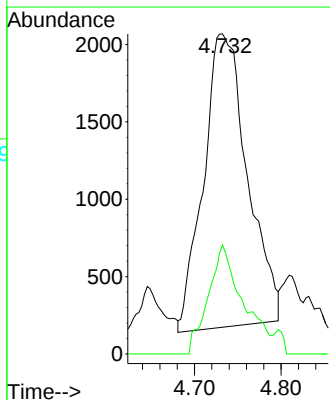
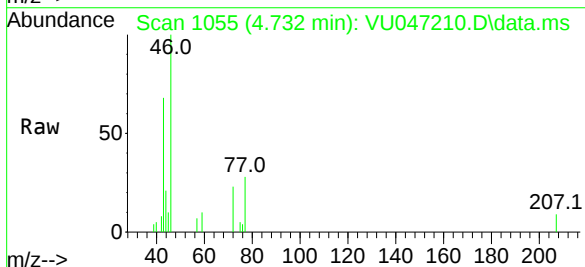
Instrument :
MSVOA_U
ClientSampleId :
F4M94DL

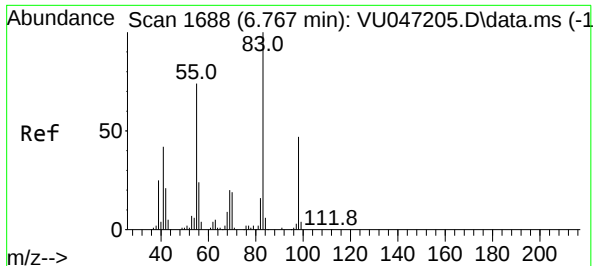
Tgt Ion:101 Resp: 657
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#21
2-Butanone
Concen: 2.164 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.010 min
Lab File: VU047210.D
Acq: 17 Feb 2022 17:33

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
72 29.5 14.1 42.3

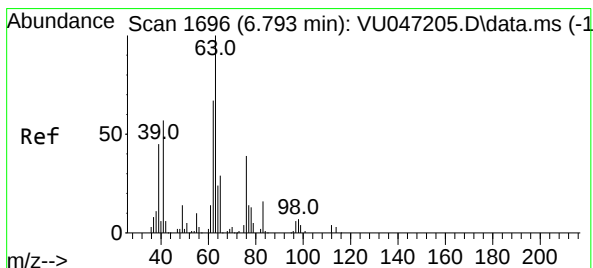
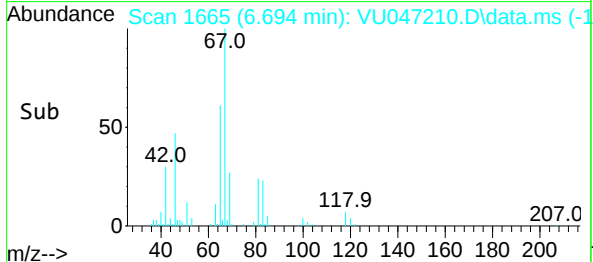
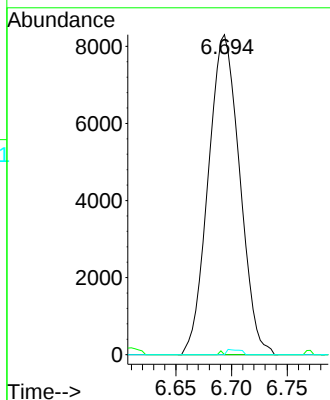
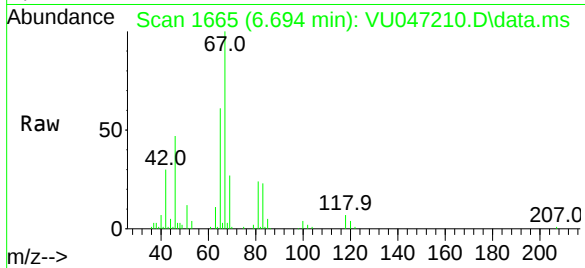




#35
Methylcyclohexane
Concen: 0.749 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047210.D
Acq: 17 Feb 2022 17:33

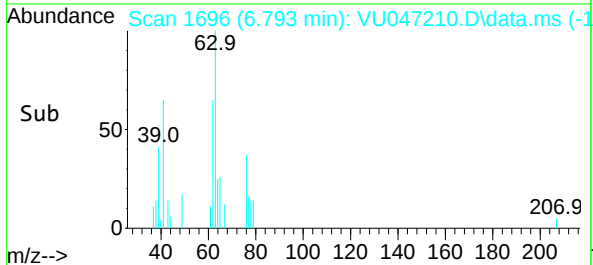
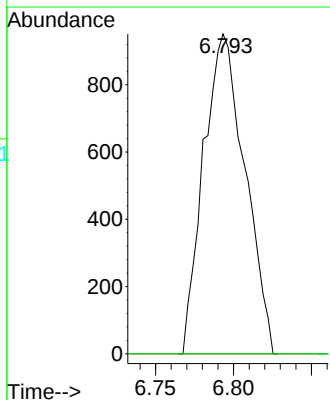
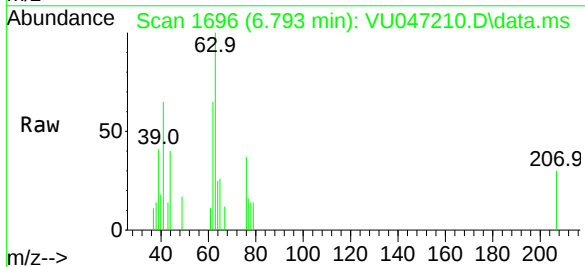
Instrument :
MSVOA_U
ClientSampleId :
F4M94DL

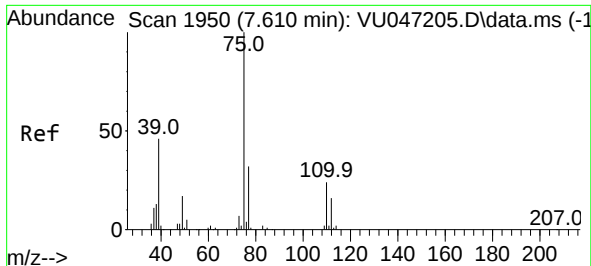
Tgt Ion: 83 Resp: 16282
Ion Ratio Lower Upper
83 100
55 0.1 61.9 92.9#
98 0.7 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.141 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047210.D
Acq: 17 Feb 2022 17:33

Tgt Ion: 63 Resp: 1759
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047210.D

Acq: 17 Feb 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

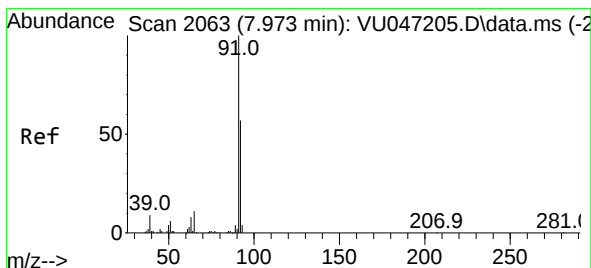
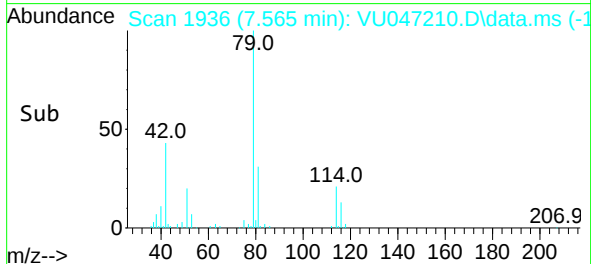
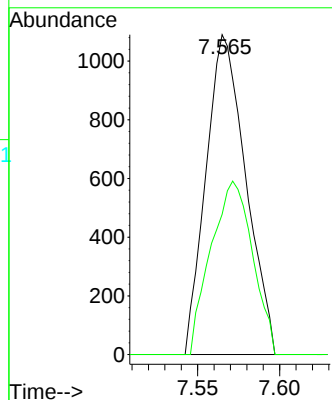
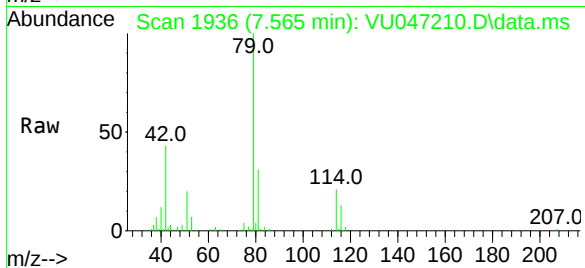
F4M94DL

Tgt Ion: 75 Resp: 1835

Ion Ratio Lower Upper

75 100

77 43.9 22.5 41.9#



#42

Toluene

Concen: 5.569 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU047210.D

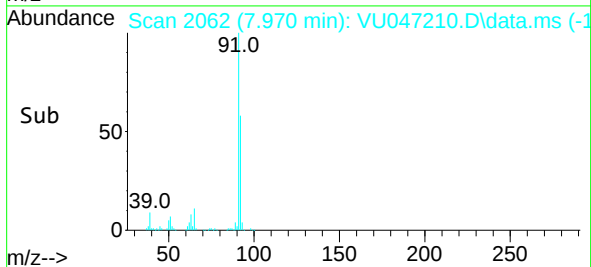
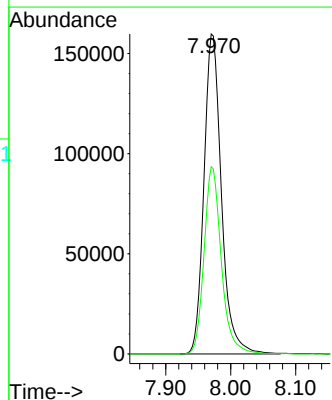
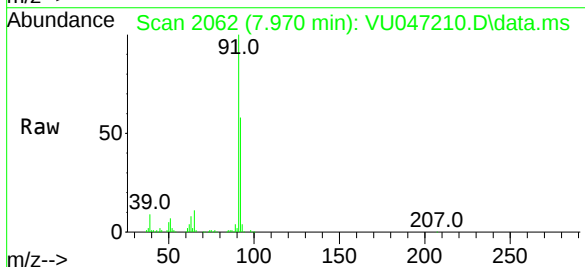
Acq: 17 Feb 2022 17:33

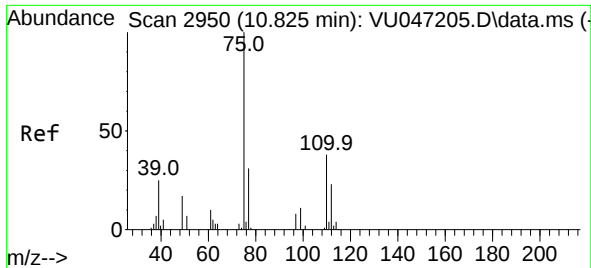
Tgt Ion: 91 Resp: 299264

Ion Ratio Lower Upper

91 100

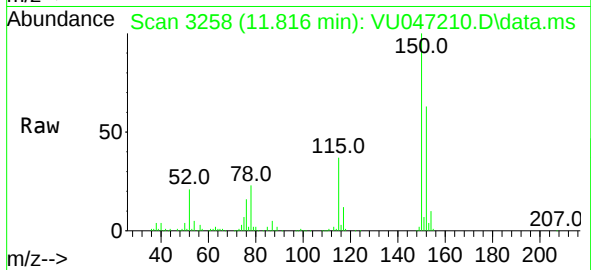
92 58.5 41.3 76.7





#61
 1,2,3-Trichloropropane
 Concen: 1.161 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU047210.D
 Acq: 17 Feb 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M94DL



Tgt Ion: 75 Resp: 11002
 Ion Ratio Lower Upper
 75 100
 110 2.1 29.9 44.9#
 77 33.4 25.5 38.3

