

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052224.D
 Acq On : 08 Dec 2022 02:52
 Operator : JC/MD
 Sample : N5918-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EG6

Quant Time: Dec 08 04:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

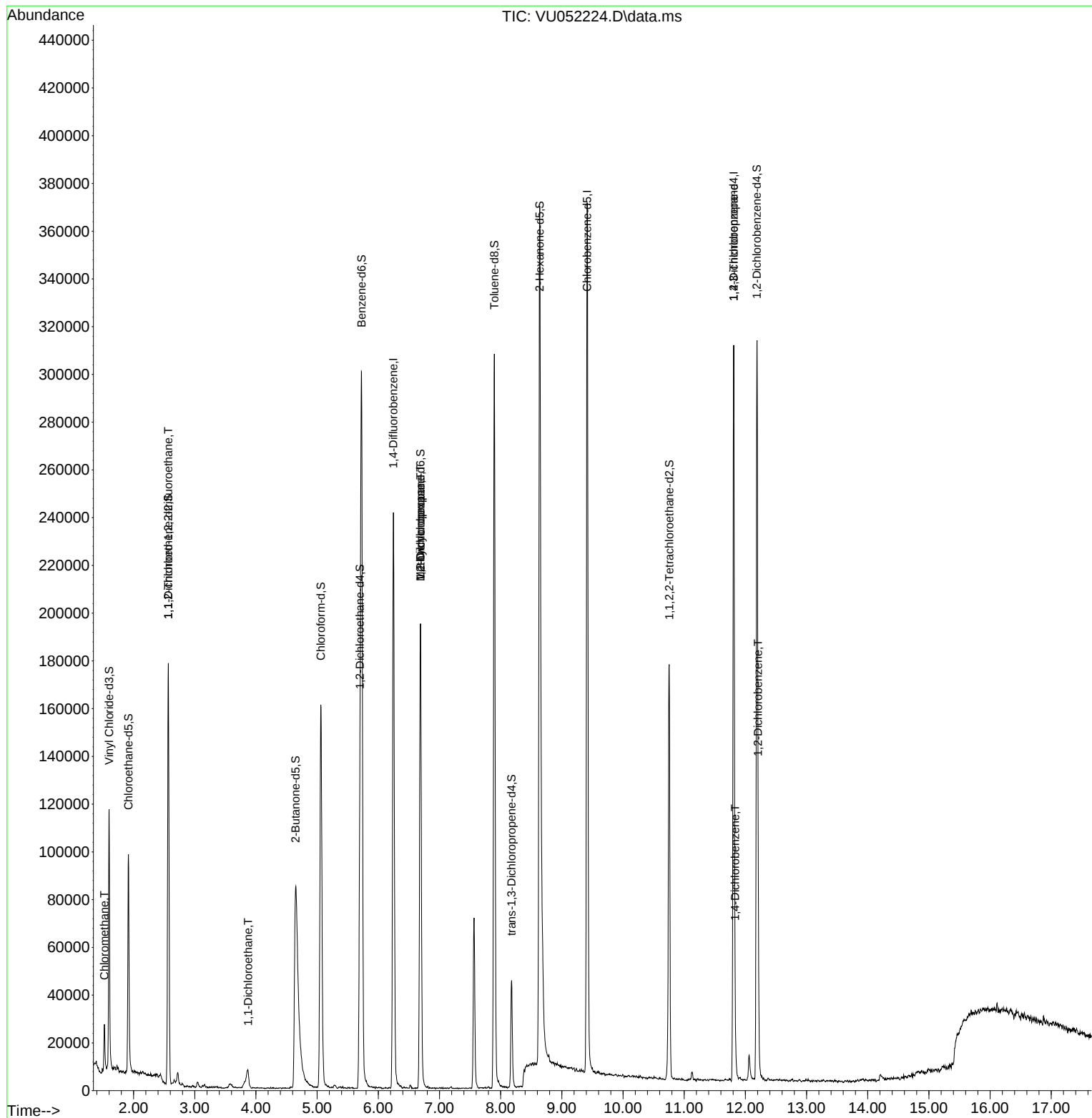
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202084	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	82714	4.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.916	69	73707	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.568	65	32849	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.649	46	210252	59.009	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.020%
24) Chloroform-d	5.060	84	156618	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.700	65	79115	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.726	84	296579	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.687	67	102177	5.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	219103	3.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.179	79	26867	3.730	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.636	63	123888	40.585	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.160%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	91366	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	87208	5.165	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	13489	0.590	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	840	0.057	ug/L #	24
19) 1,1-Dichloroethane	3.870	63	4570	0.161	ug/L	95
35) Methylcyclohexane	6.687	83	22920	0.912	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9899	0.546	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	11128	1.102	ug/L #	69
65) 1,4-Dichlorobenzene	11.832	146	5244	0.186	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	18317	0.672	ug/L	98

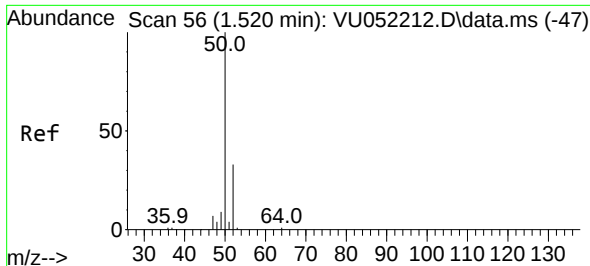
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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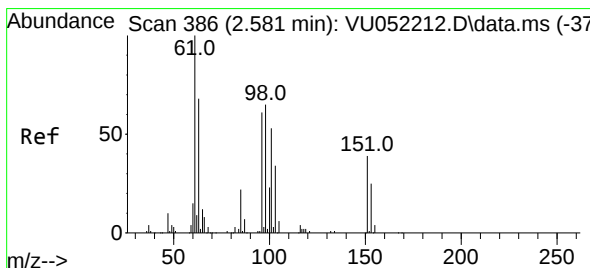
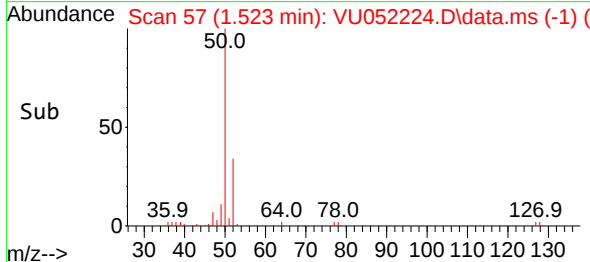
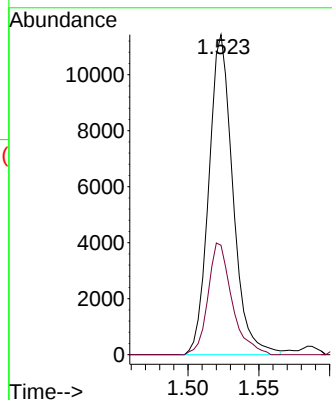
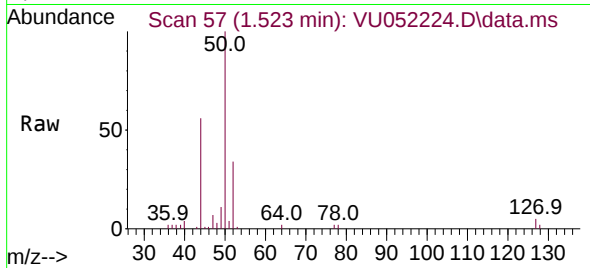




#3
Chloromethane
Concen: 0.590 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052224.D
Acq: 08 Dec 2022 02:52

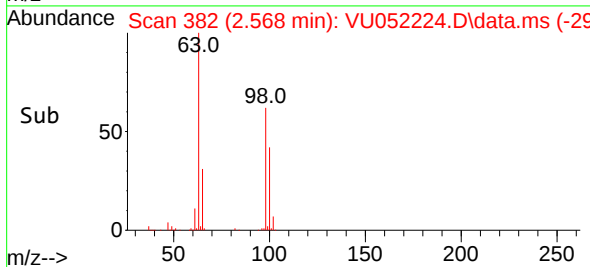
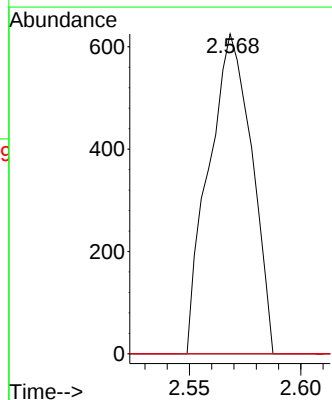
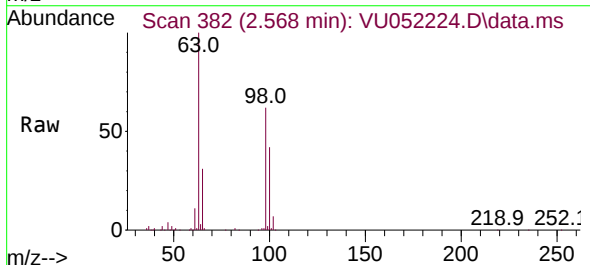
Instrument :
MSVOA_U
ClientSampleId :
C0EG6

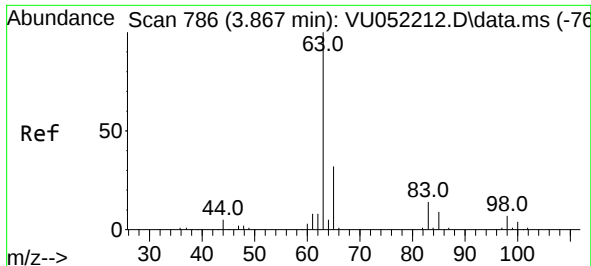
Tgt Ion: 50 Resp: 13489
Ion Ratio Lower Upper
50 100
52 34.2 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052224.D
Acq: 08 Dec 2022 02:52

Tgt Ion: 101 Resp: 840
Ion Ratio Lower Upper
101 100
85 5.5 33.8 50.6#
151 0.0 58.6 88.0#





#19

1,1-Dichloroethane

Concen: 0.161 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052224.D

Acq: 08 Dec 2022 02:52

Instrument :

MSVOA_U

ClientSampleId :

C0EG6

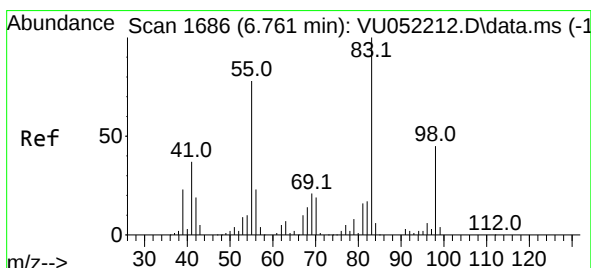
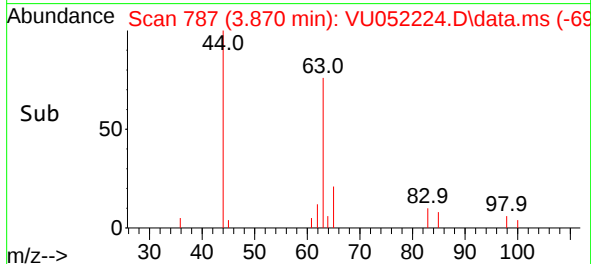
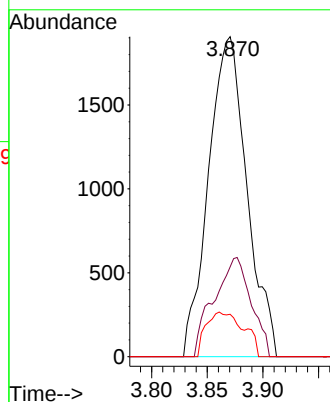
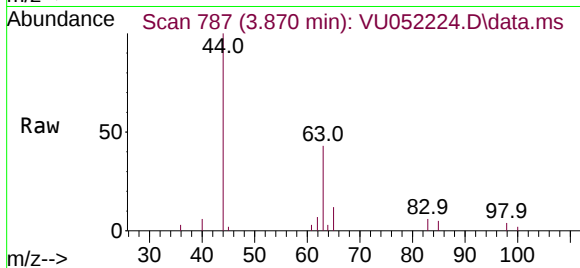
Tgt Ion: 63 Resp: 4570

Ion Ratio Lower Upper

63 100

65 28.1 22.2 41.2

83 13.3 9.2 17.0



#35

Methylcyclohexane

Concen: 0.912 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052224.D

Acq: 08 Dec 2022 02:52

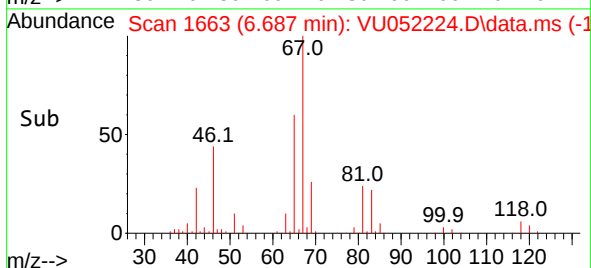
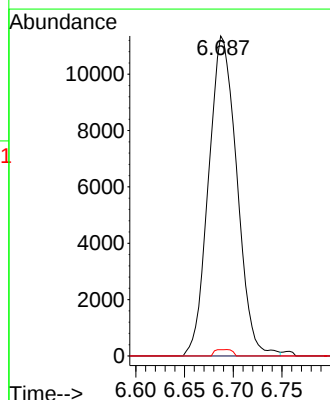
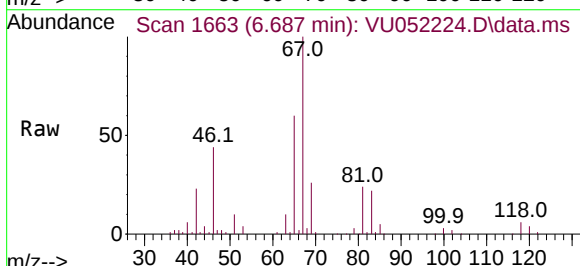
Tgt Ion: 83 Resp: 22920

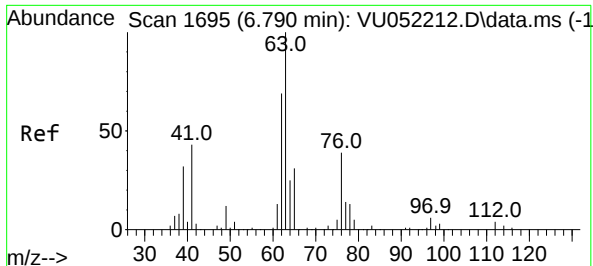
Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.2 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052224.D

Acq: 08 Dec 2022 02:52

Instrument :

MSVOA_U

ClientSampleId :

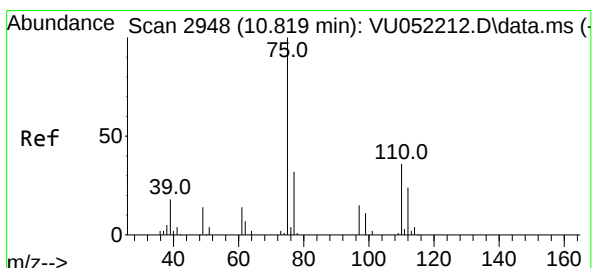
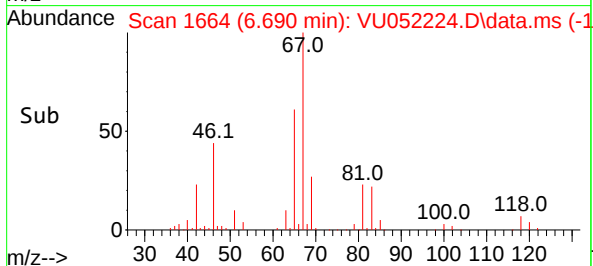
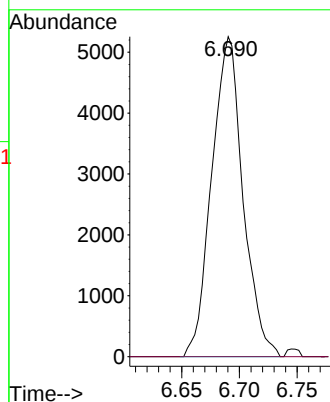
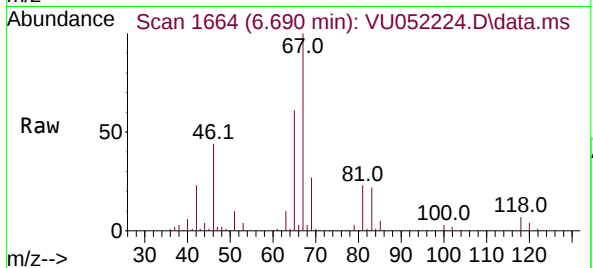
C0EG6

Tgt Ion: 63 Resp: 9899

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.102 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052224.D

Acq: 08 Dec 2022 02:52

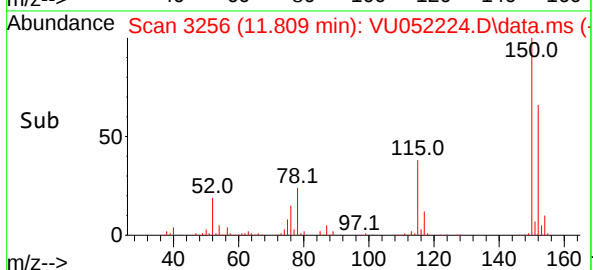
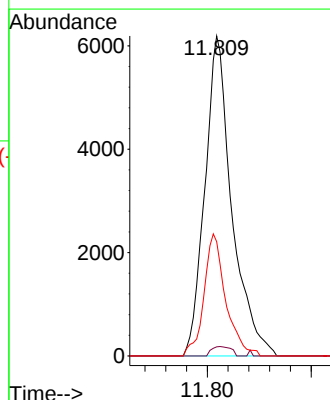
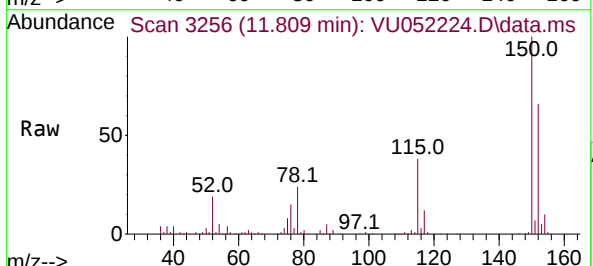
Tgt Ion: 75 Resp: 11128

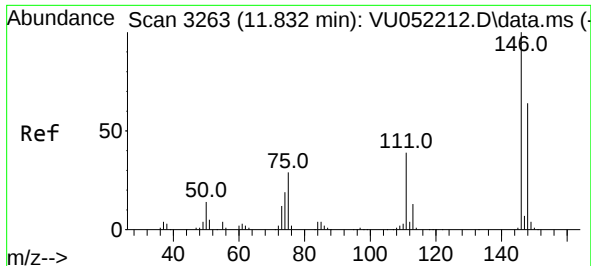
Ion Ratio Lower Upper

75 100

110 2.1 28.3 42.5#

77 30.8 26.2 39.2

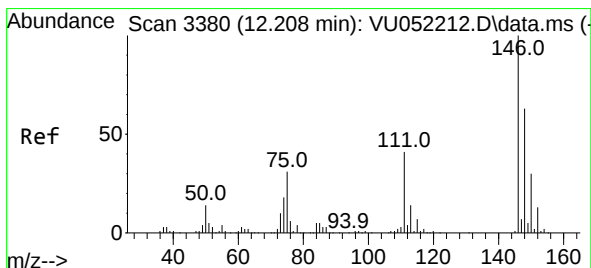
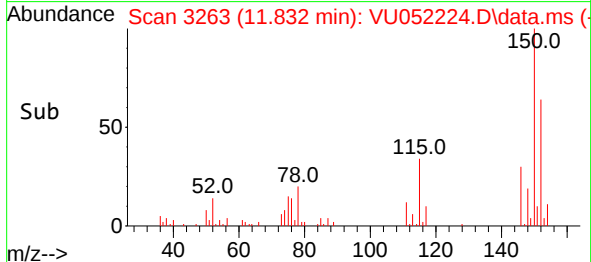
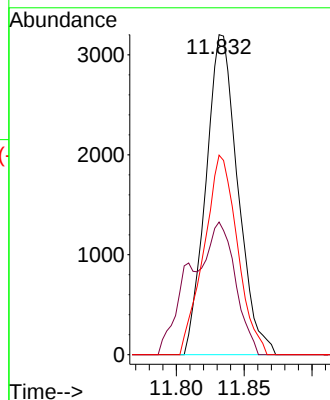
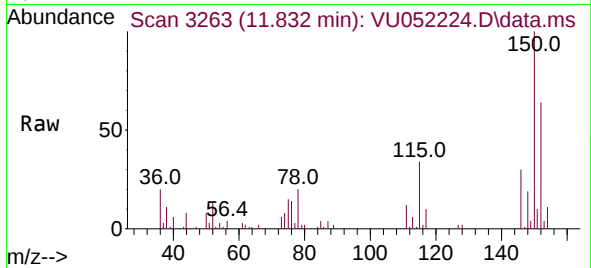




#65
1,4-Dichlorobenzene
Concen: 0.186 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052224.D
Acq: 08 Dec 2022 02:52

Instrument :
MSVOA_U
ClientSampleId :
C0EG6

Tgt Ion:146 Resp: 5244
Ion Ratio Lower Upper
146 100
111 41.4 26.9 50.1
148 62.3 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 0.672 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052224.D
Acq: 08 Dec 2022 02:52

Tgt Ion:146 Resp: 18317
Ion Ratio Lower Upper
146 100
111 43.3 32.7 49.1
148 63.0 50.6 75.8

