

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051608.D
 Acq On : 31 Oct 2022 13:19
 Operator : JC/MD
 Sample : N5319-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA96

Quant Time: Nov 01 01:26:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

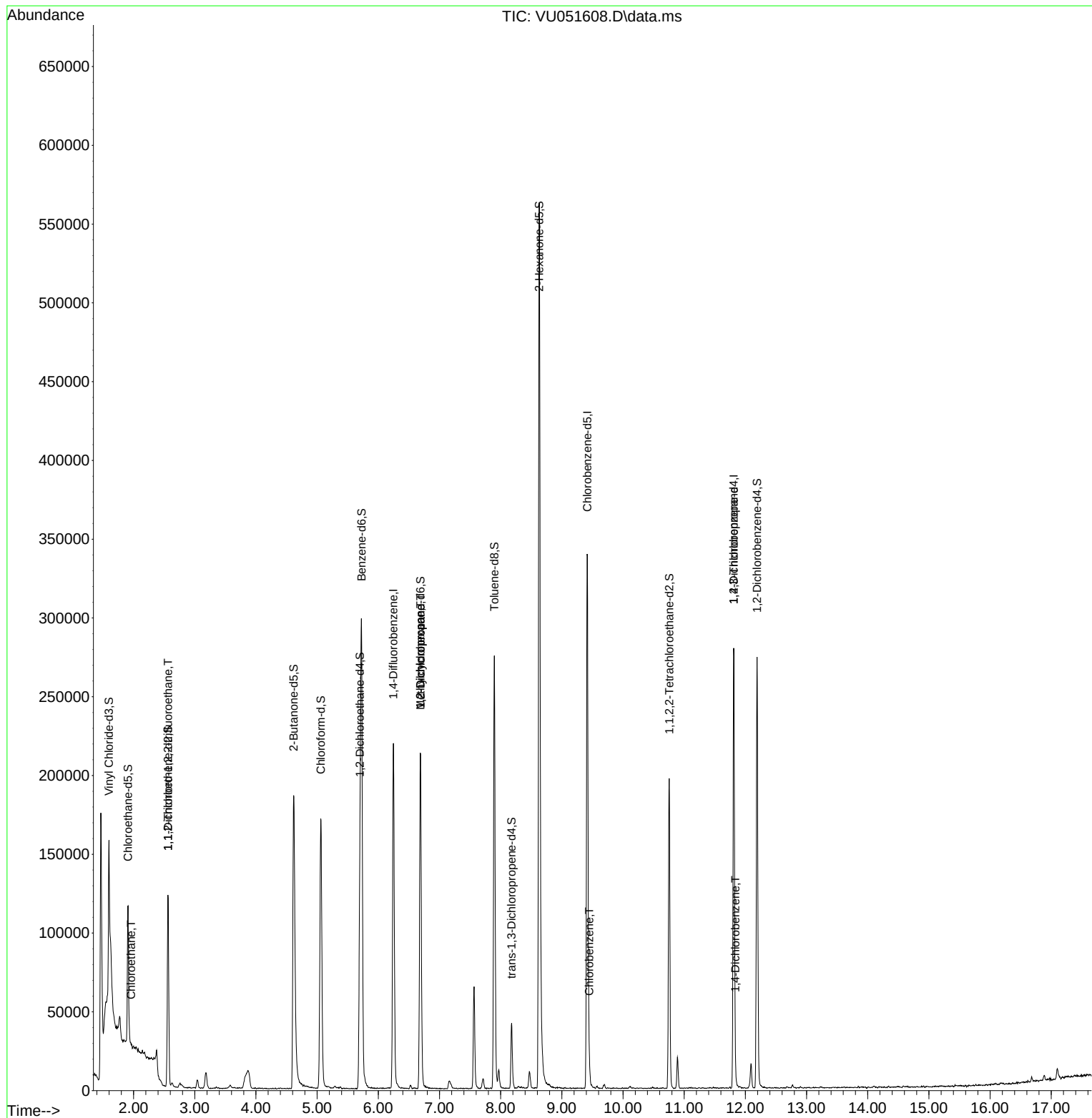
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183386	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61858	4.479	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.909	69	72184	5.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.562	65	23377	4.664	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.616	46	262705	52.520	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.040%	
24) Chloroform-d	5.060	84	162651	5.032	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.700	65	90528	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.726	84	290908	4.642	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.687	67	107432	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.896	98	191925	3.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	8.179	79	24046	3.589	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.800%	
46) 2-Hexanone-d5	8.629	63	177933	44.117	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.240%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	101245	5.042	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75856	5.232	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.957	64	1558	0.106	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	769	0.049	ug/L #	19
35) Methylcyclohexane	6.690	83	24390	0.933	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10942	0.543	ug/L #	88
51) Chlorobenzene	9.446	112	8214	0.162	ug/L	99
61) 1,2,3-Trichloropropane	11.809	75	9237	0.904	ug/L #	68
65) 1,4-Dichlorobenzene	11.835	146	2251	0.078	ug/L	97

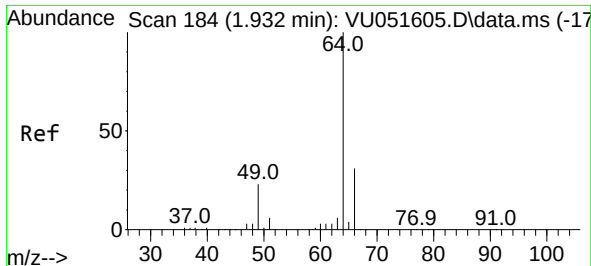
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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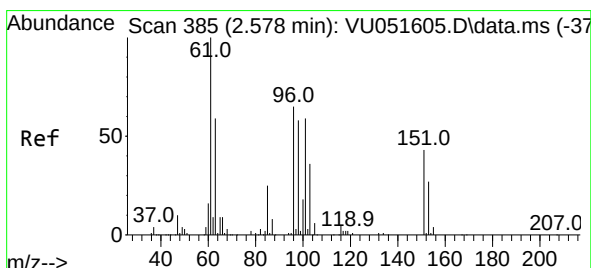
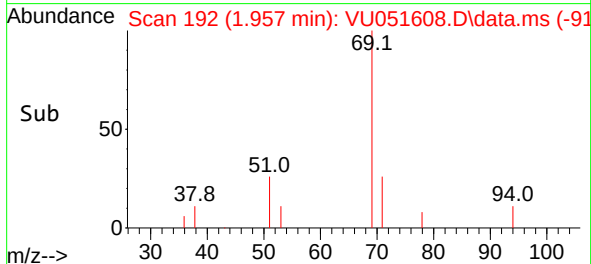
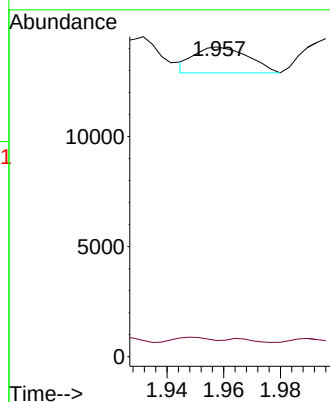
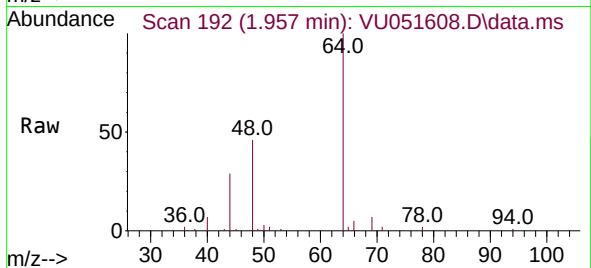




#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.957 min Scan# 19
Delta R.T. 0.026 min
Lab File: VU051608.D
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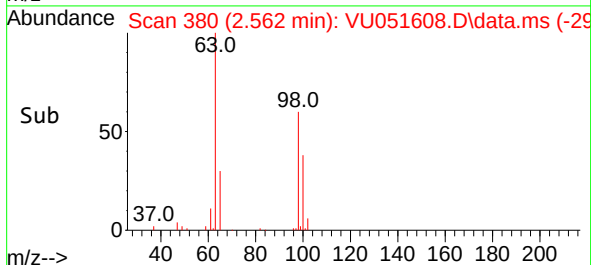
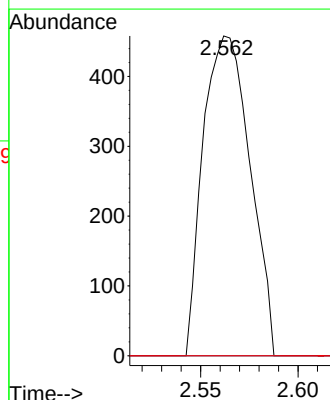
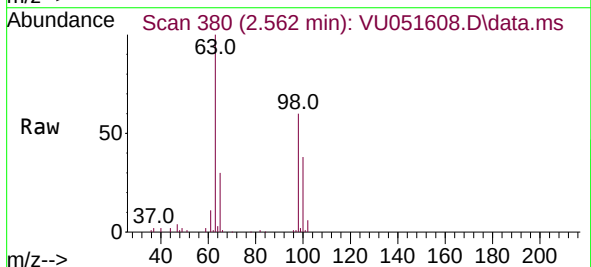
Instrument :
MSVOA_U
ClientSampleId :
BHA96

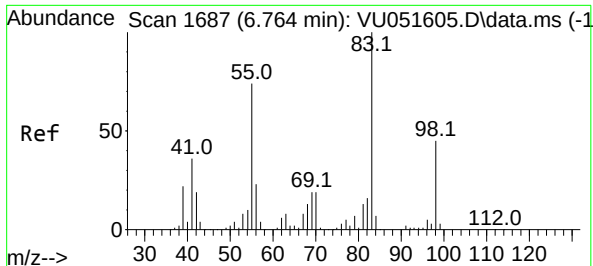
Tgt Ion: 64 Resp: 1558
Ion Ratio Lower Upper
64 100
66 5.2 22.3 41.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.049 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051608.D
Acq: 31 Oct 2022 13:19

Tgt Ion:101 Resp: 769
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#





#35

Methylcyclohexane

Concen: 0.933 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051608.D

Acq: 31 Oct 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

BHA96

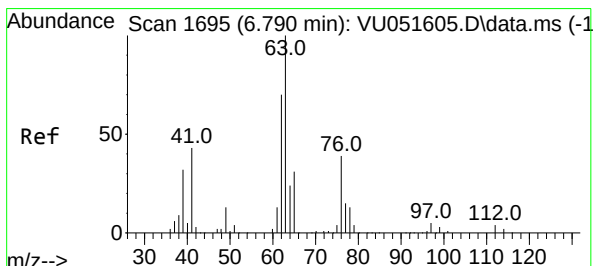
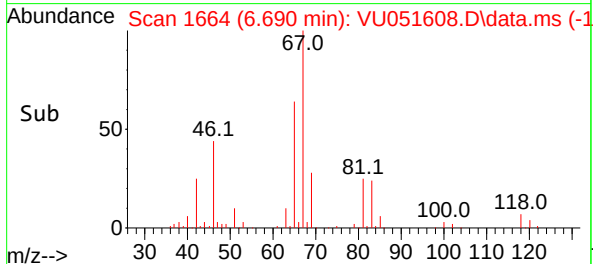
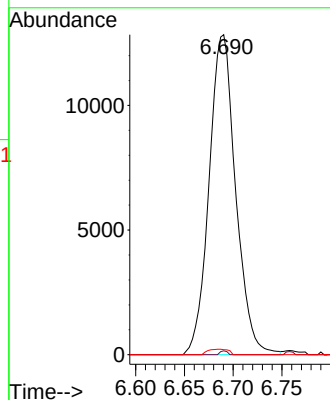
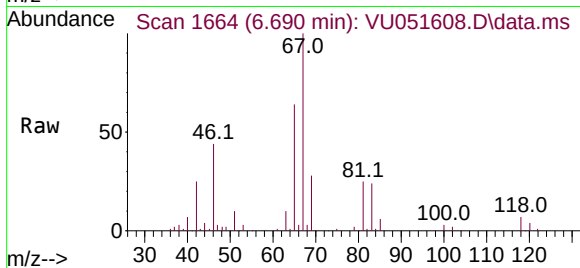
Tgt Ion: 83 Resp: 24390

Ion Ratio Lower Upper

83 100

55 0.3 60.6 90.8#

98 1.3 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051608.D

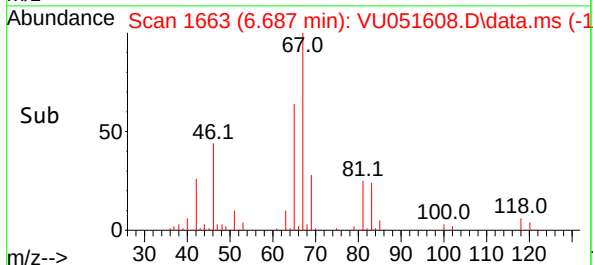
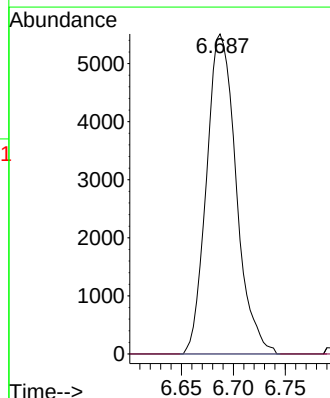
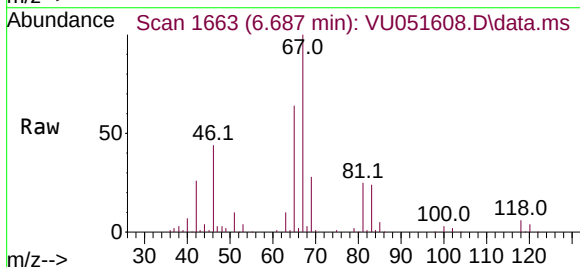
Acq: 31 Oct 2022 13:19

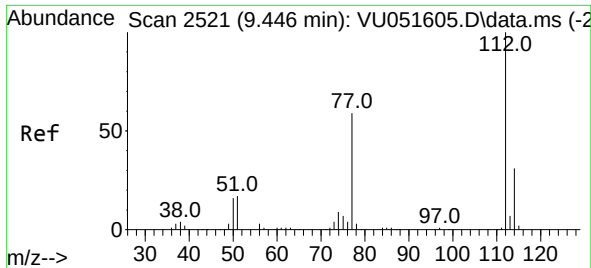
Tgt Ion: 63 Resp: 10942

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

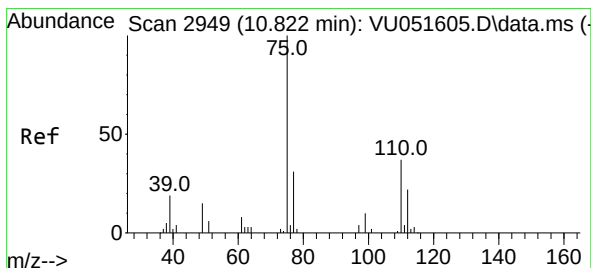
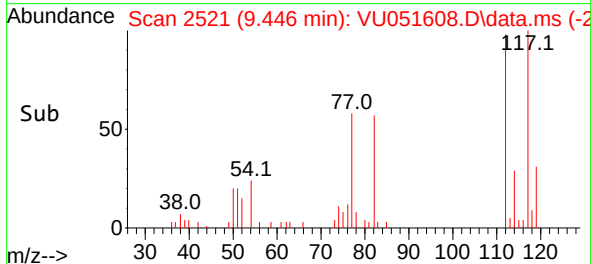
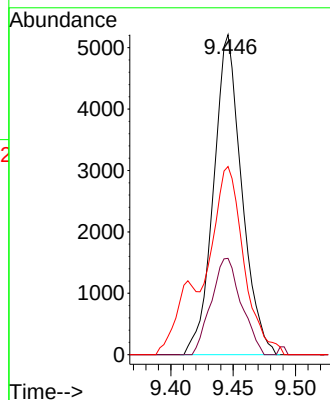
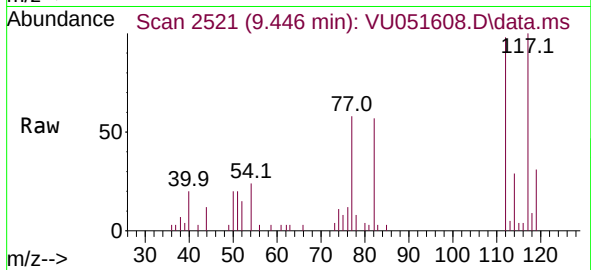




#51
Chlorobenzene
Concen: 0.162 ug/L
RT: 9.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051608.D
Acq: 31 Oct 2022 13:19

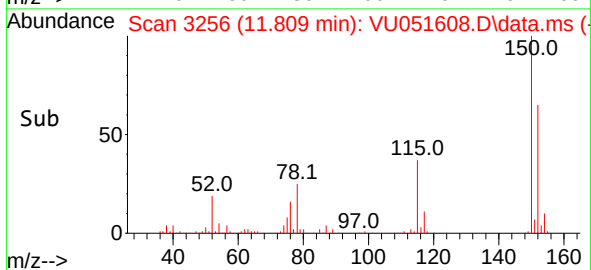
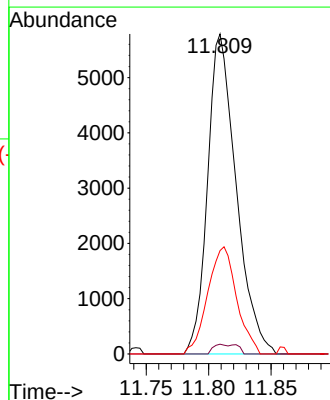
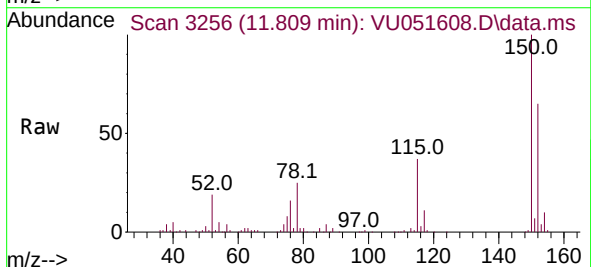
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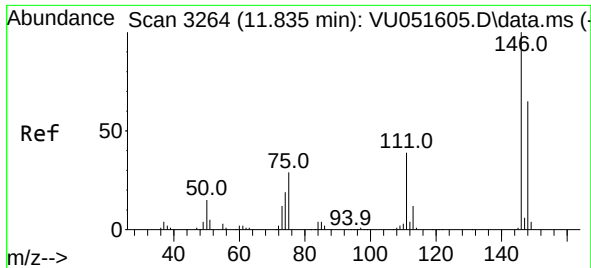
Tgt Ion:	112	Resp:	8214
Ion Ratio	Lower	Upper	
112	100		
114	30.1	22.0	40.8
77	58.8	46.7	70.1



#61
1,2,3-Trichloropropane
Concen: 0.904 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051608.D
Acq: 31 Oct 2022 13:19

Tgt Ion:	75	Resp:	9237
Ion Ratio	Lower	Upper	
75	100		
110	1.6	28.7	43.1#
77	33.9	26.1	39.1





#65

1,4-Dichlorobenzene

Concen: 0.078 ug/L

RT: 11.835 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051608.D

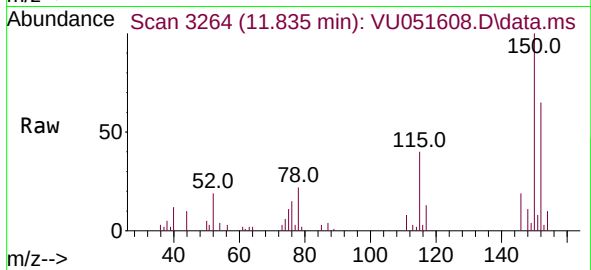
Acq: 31 Oct 2022 13:19

Instrument :

MSVOA_U

ClientSampleId :

BHA96



Tgt Ion:146 Resp: 2251

Ion Ratio Lower Upper

146 100

111 40.3 26.7 49.5

148 60.2 43.5 80.9

