

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051231.D
 Acq On : 07 Oct 2022 20:37
 Operator : JC/MD
 Sample : N4872-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX6DL

Quant Time: Oct 08 04:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

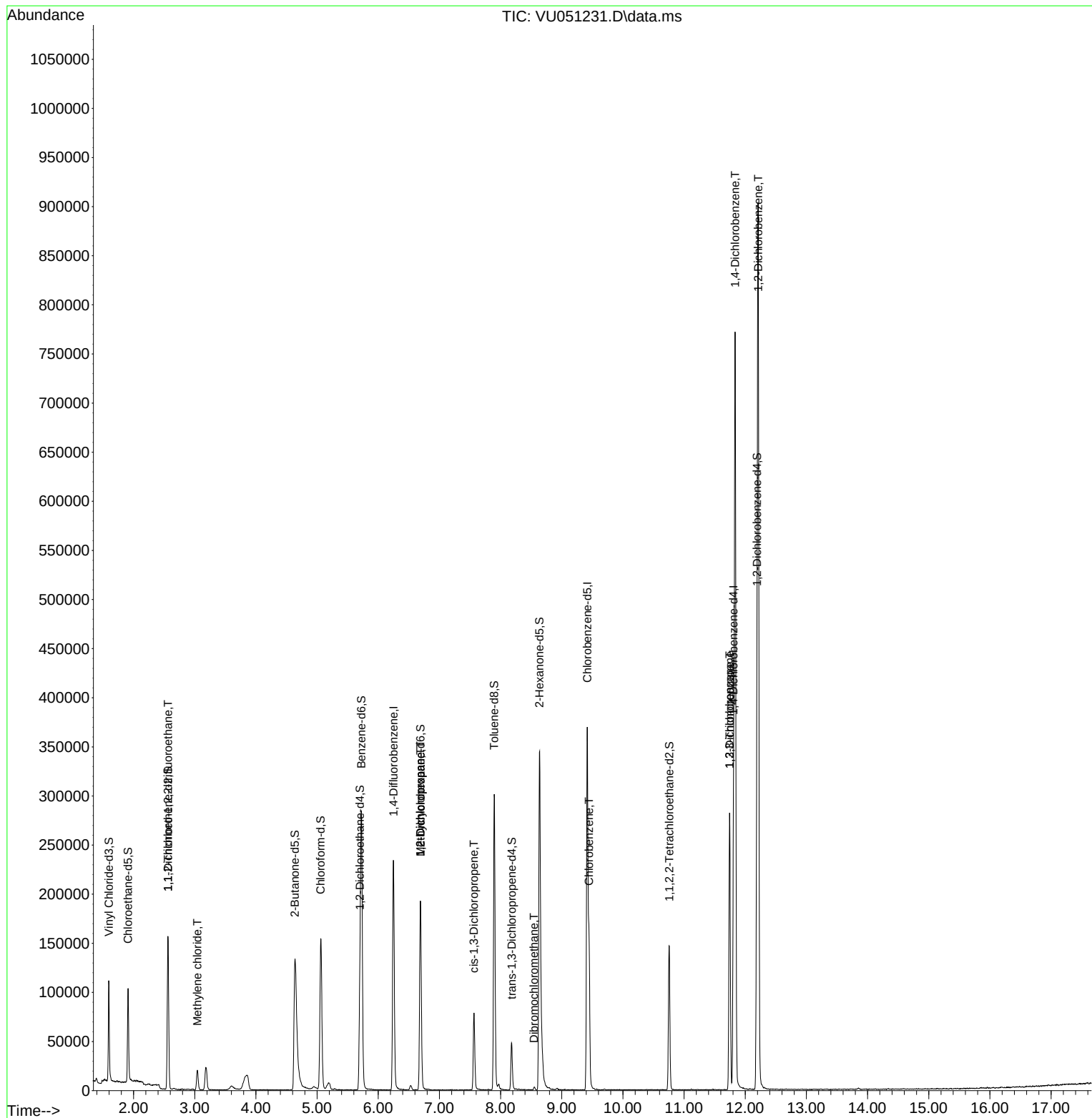
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	186996	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	76400	5.065	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.909	69	68068	5.252	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.562	65	28977	4.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.200%	
20) 2-Butanone-d5	4.636	46	182328	54.902	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.800%	
24) Chloroform-d	5.060	84	145416	5.171	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.400%	
26) 1,2-Dichloroethane-d4	5.700	65	76287	5.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.726	84	265036	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.690	67	94580	4.980	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.896	98	206133	4.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	8.182	79	27179	4.356	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.636	63	97021	46.135	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.280%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	76238	5.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	75958	5.554	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.000%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	753	0.052	ug/L #	21
16) Methylene chloride	3.041	84	9632	0.478	ug/L	96
35) Methylcyclohexane	6.690	83	21065	0.986	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10326	0.555	ug/L #	90
39) cis-1,3-Dichloropropene	7.562	75	2025	0.091	ug/L #	70
49) Dibromochloromethane	8.546	129	780	0.053	ug/L #	11
51) Chlorobenzene	9.446	112	80778	1.877	ug/L	99
61) 1,2,3-Trichloropropane	11.745	75	35227	3.546	ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	111904	4.540	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	297176	12.231	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	340903	14.226	ug/L	98

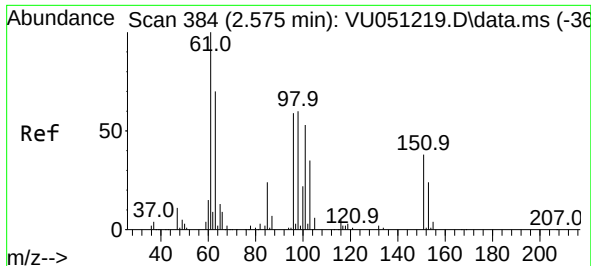
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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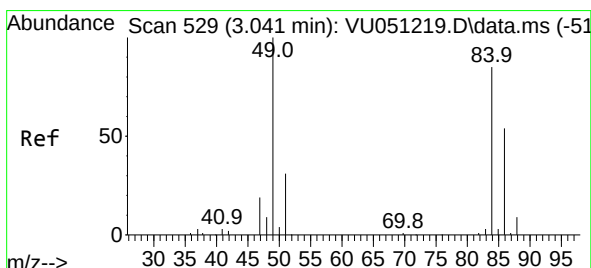
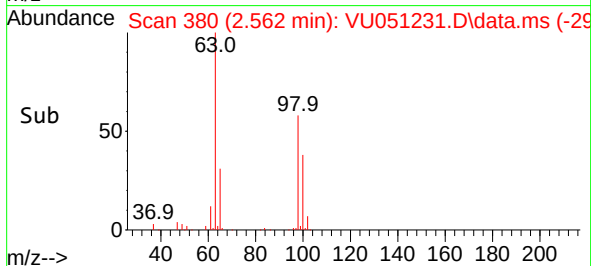
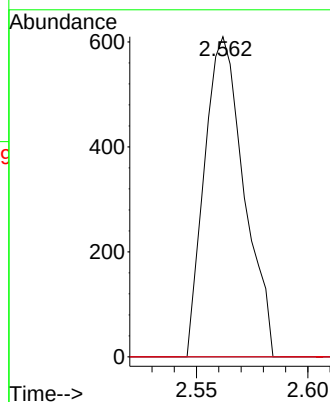
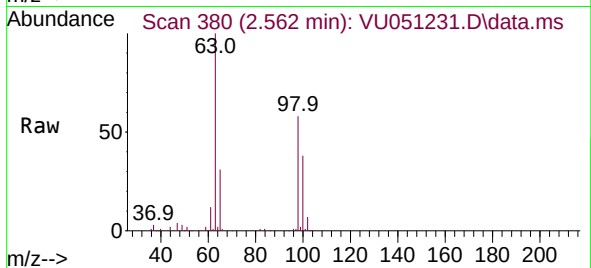




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.052 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

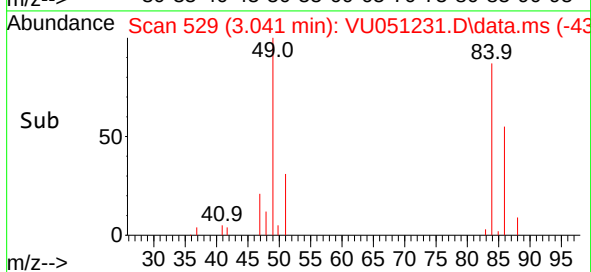
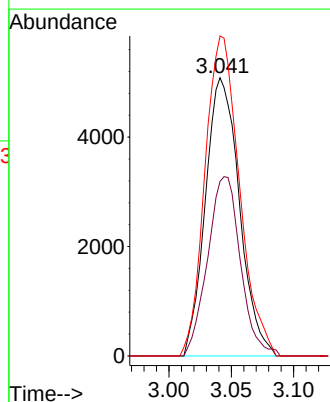
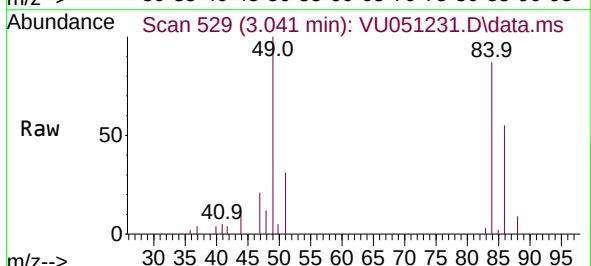
Instrument :
MSVOA_U
ClientSampleId :
EXFX6DL

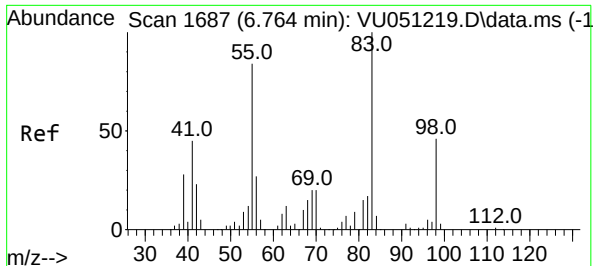
Tgt Ion:101 Resp: 753
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.478 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

Tgt Ion: 84 Resp: 9632
Ion Ratio Lower Upper
84 100
86 62.7 46.5 86.3
49 120.8 81.3 151.1

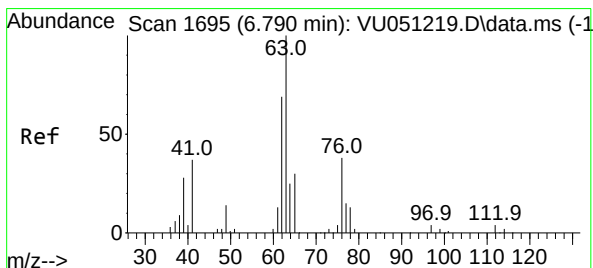
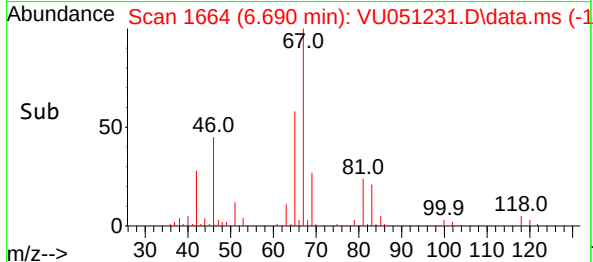
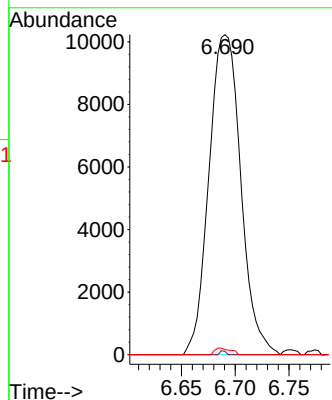
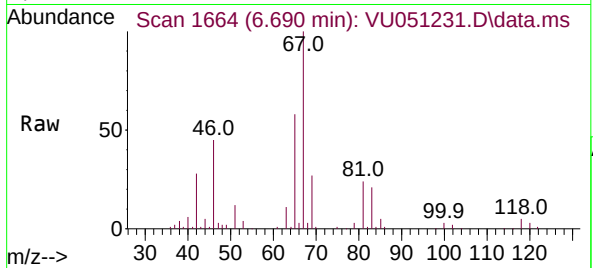




#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

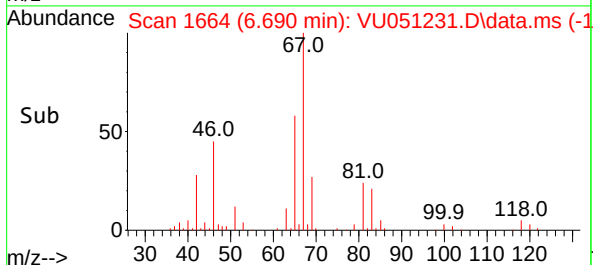
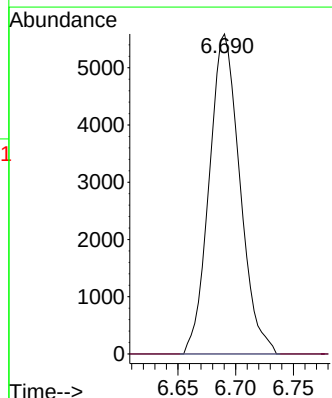
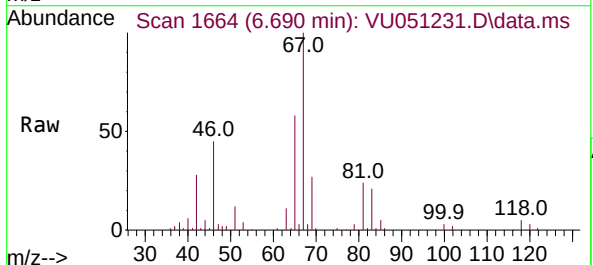
Instrument :
MSVOA_U
ClientSampleId :
EXFX6DL

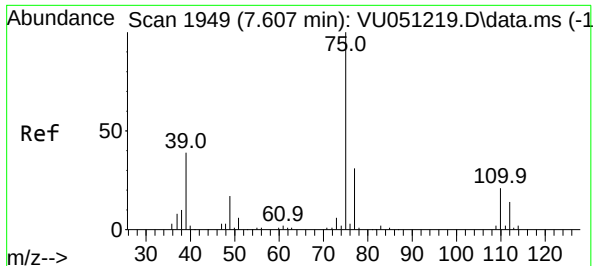
Tgt Ion: 83 Resp: 21065
Ion Ratio Lower Upper
83 100
55 0.2 65.8 98.6#
98 1.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

Tgt Ion: 63 Resp: 10326
Ion Ratio Lower Upper
63 100
112 0.8 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU051231.D

Acq: 07 Oct 2022 20:37

Instrument :

MSVOA_U

ClientSampleId :

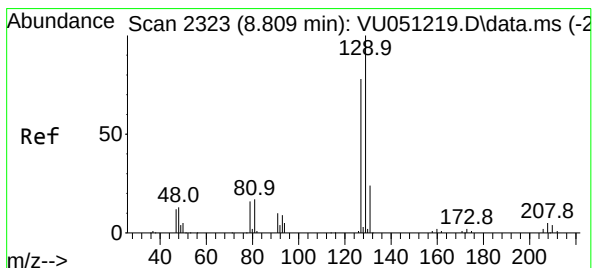
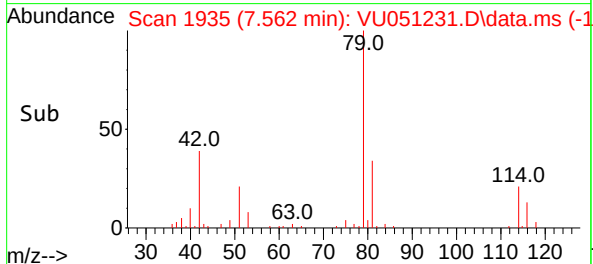
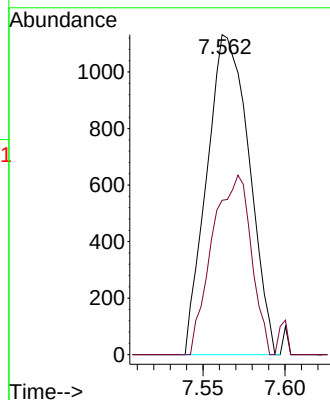
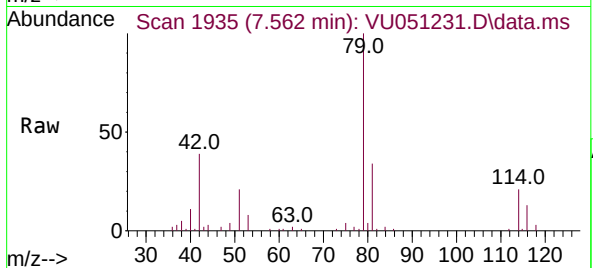
EXFX6DL

Tgt Ion: 75 Resp: 2025

Ion Ratio Lower Upper

75 100

77 48.2 22.0 41.0#



#49

Dibromochloromethane

Concen: 0.053 ug/L

RT: 8.546 min Scan# 2241

Delta R.T. -0.264 min

Lab File: VU051231.D

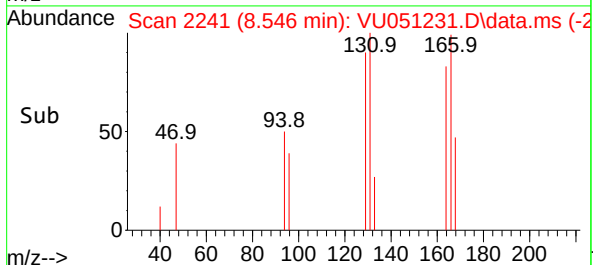
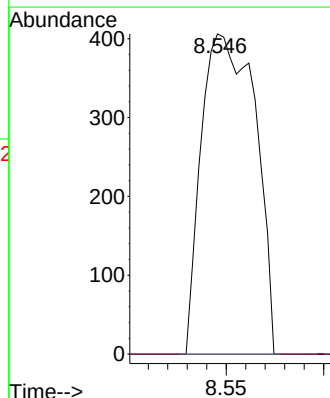
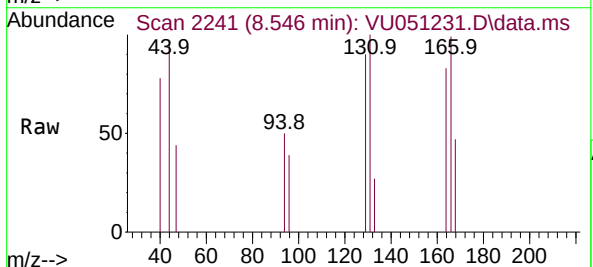
Acq: 07 Oct 2022 20:37

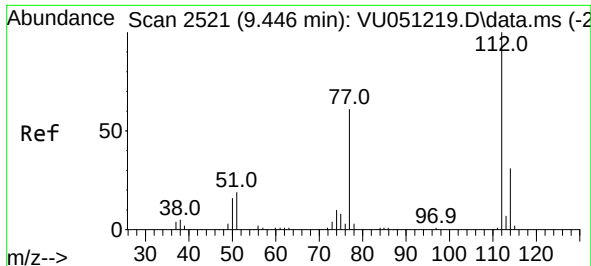
Tgt Ion: 129 Resp: 780

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

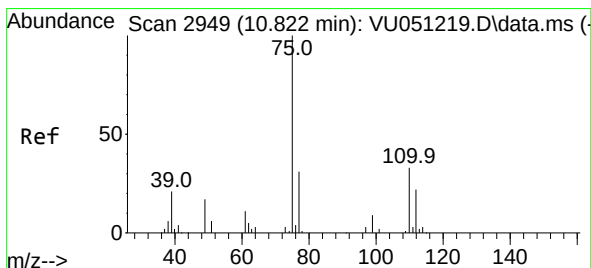
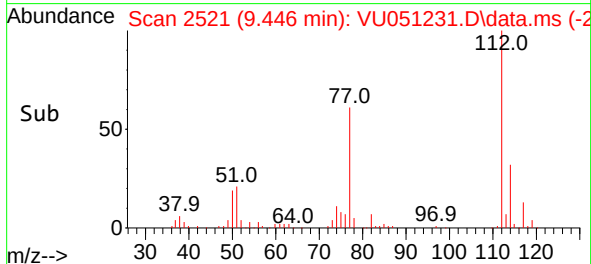
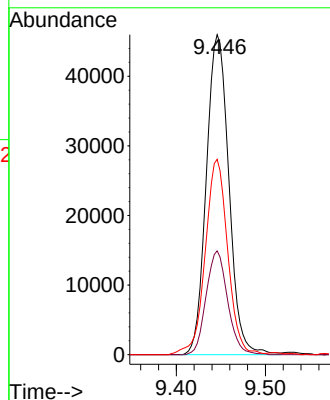
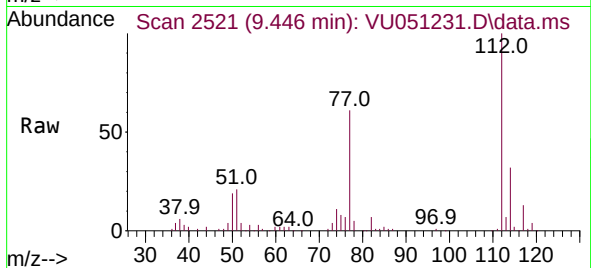




#51
Chlorobenzene
Concen: 1.877 ug/L
RT: 9.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

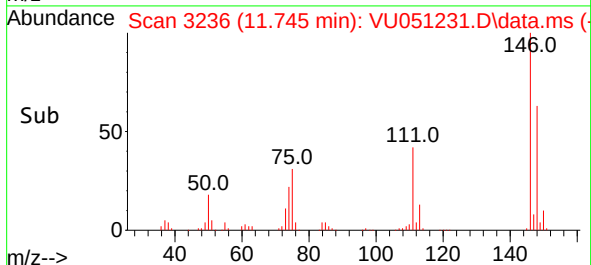
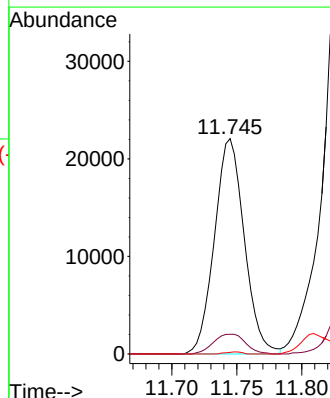
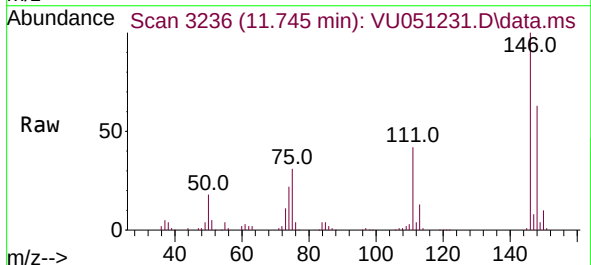
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ClientSampleId :
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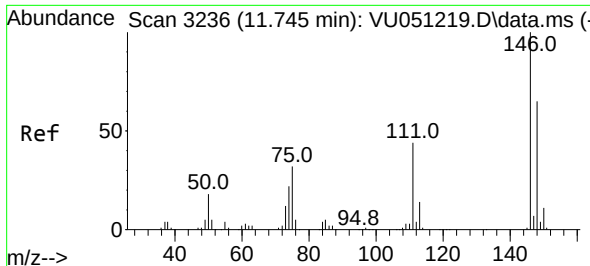
Tgt Ion:112 Resp: 80778
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 61.0 48.1 72.1



#61
1,2,3-Trichloropropane
Concen: 3.546 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

Tgt Ion: 75 Resp: 35227
Ion Ratio Lower Upper
75 100
110 9.9 27.0 40.6#
77 0.0 26.4 39.6#

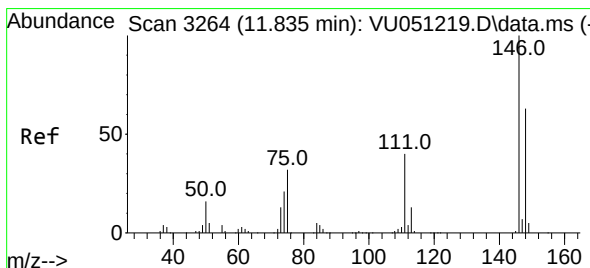
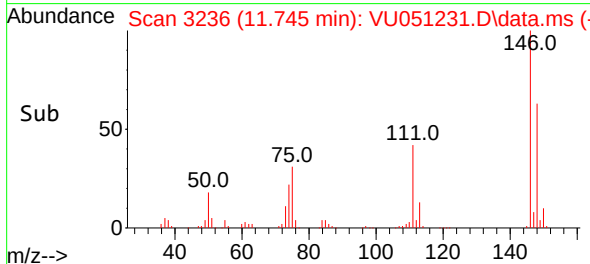
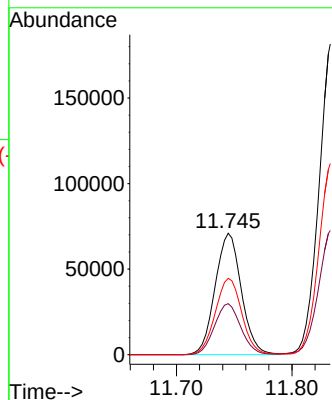
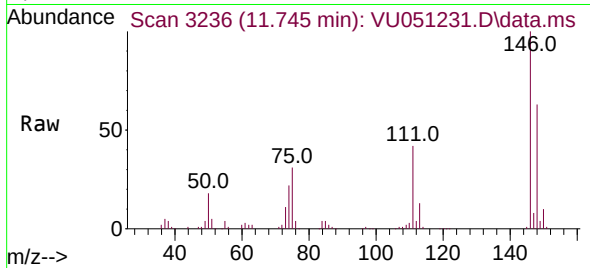




#64
1,3-Dichlorobenzene
Concen: 4.540 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

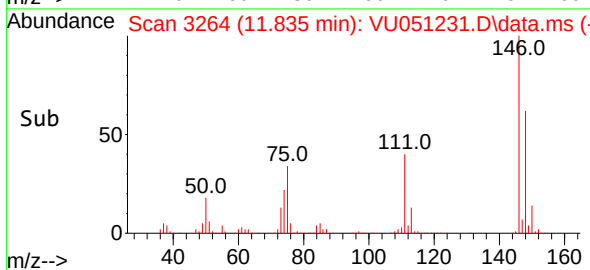
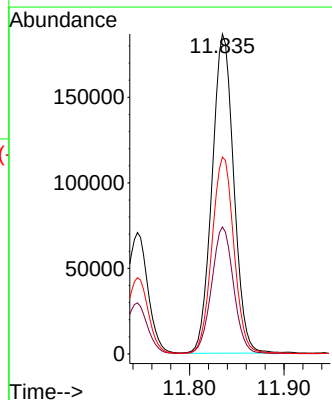
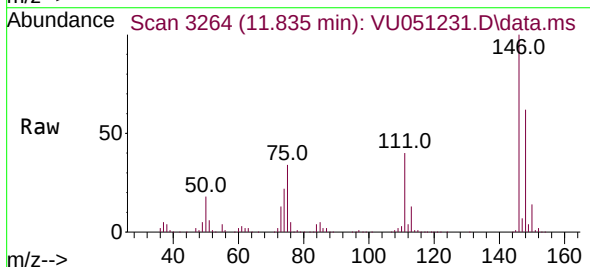
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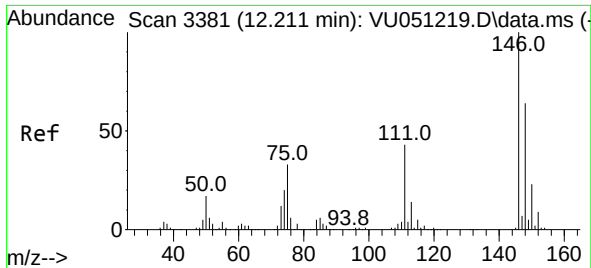
Tgt Ion:146 Resp: 111904
Ion Ratio Lower Upper
146 100
111 42.0 28.3 52.7
148 62.9 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 12.231 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051231.D
Acq: 07 Oct 2022 20:37

Tgt Ion:146 Resp: 297176
Ion Ratio Lower Upper
146 100
111 39.7 29.1 54.1
148 61.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 14.226 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051231.D

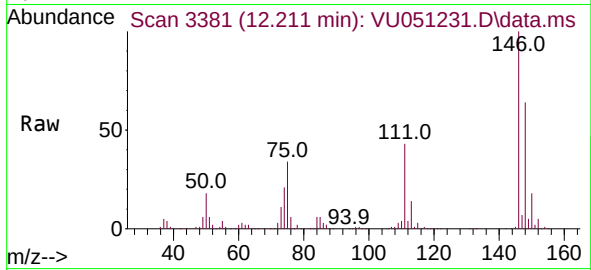
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Instrument :

MSVOA_U

ClientSampleId :

EXFX6DL



Tgt Ion:146 Resp: 340903

Ion Ratio Lower Upper

146 100

111 42.8 35.5 53.3

148 64.3 50.9 76.3

