

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051230.D
 Acq On : 07 Oct 2022 20:13
 Operator : JC/MD
 Sample : N4872-07DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX1DL

Quant Time: Oct 08 04:28:38 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)

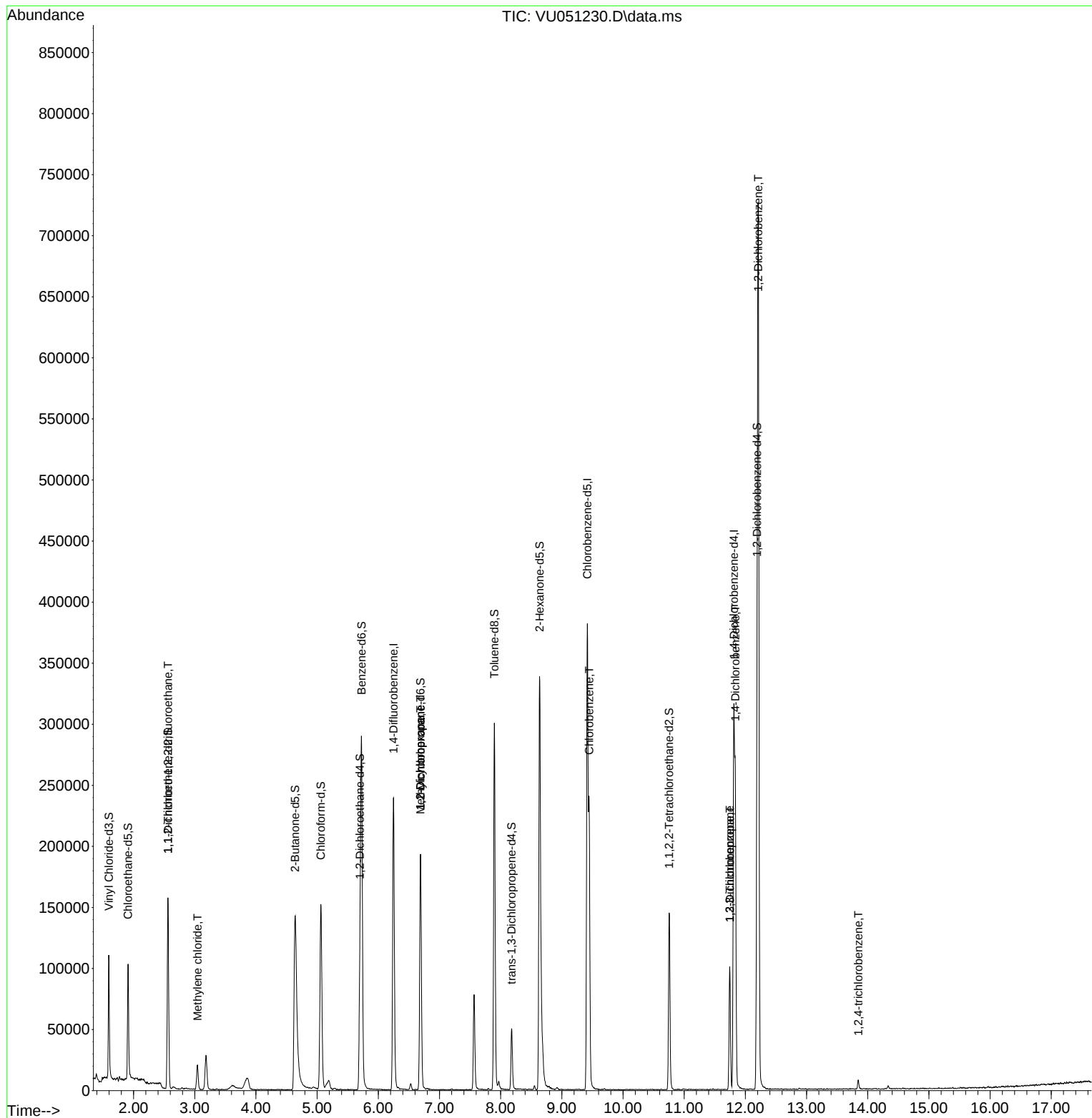
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	190787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	75565	4.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.909	69	67508	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.562	65	28905	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.639	46	181446	53.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.060	84	143667	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.700	65	77224	5.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.726	84	263004	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.690	67	94462	4.860	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.896	98	201312	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.179	79	27673	4.334	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.636	63	96653	44.912	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	74477	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	71622	5.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	939	0.063	ug/L #	21
16) Methylene chloride	3.044	84	9502	0.463	ug/L	96
35) Methylcyclohexane	6.687	83	21791	0.997	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10024	0.527	ug/L #	88
51) Chlorobenzene	9.446	112	119841	2.721	ug/L	99
61) 1,2,3-Trichloropropane	11.745	75	12879	1.330	ug/L #	50
64) 1,3-Dichlorobenzene	11.745	146	40877	1.701	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	97253	4.106	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	264271	11.313	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	2925	0.248	ug/L	96

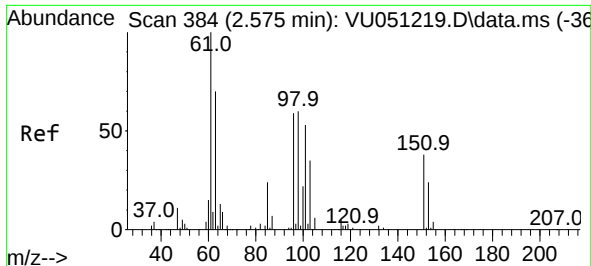
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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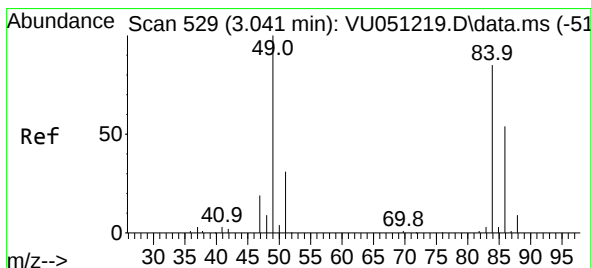
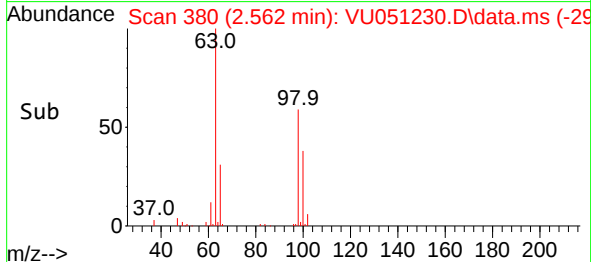
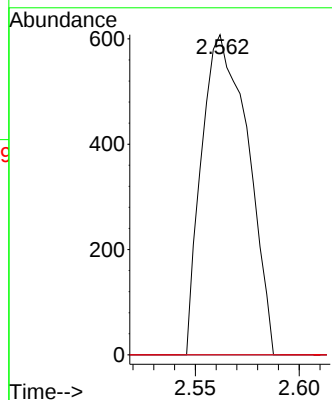
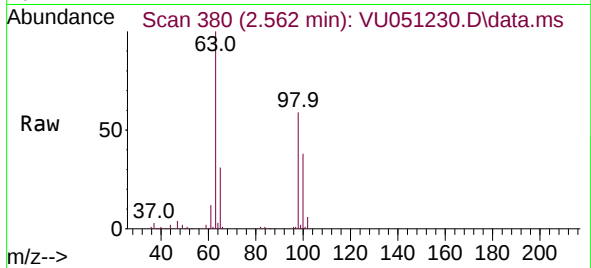




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.063 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

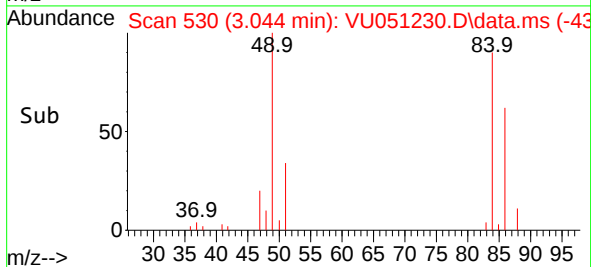
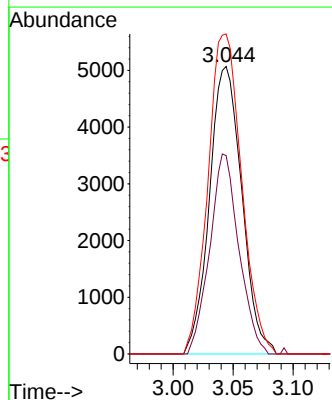
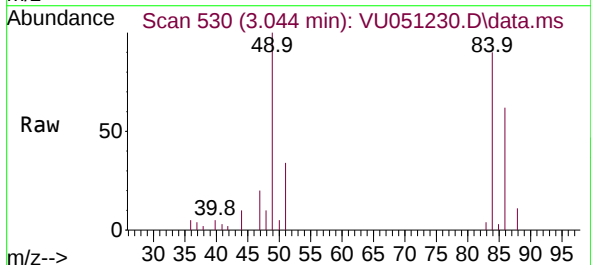
Instrument :
MSVOA_U
ClientSampleId :
EXFX1DL

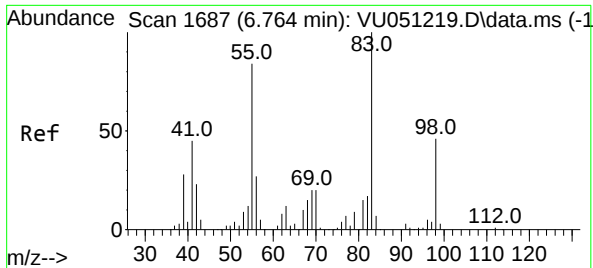
Tgt Ion:101 Resp: 939
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#16
Methylene chloride
Concen: 0.463 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

Tgt Ion: 84 Resp: 9502
Ion Ratio Lower Upper
84 100
86 69.0 46.5 86.3
49 111.3 81.3 151.1

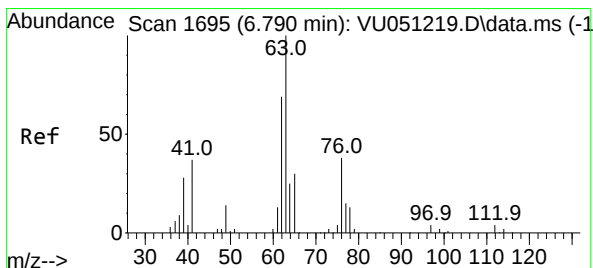
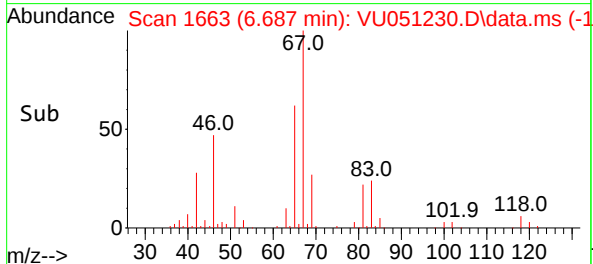
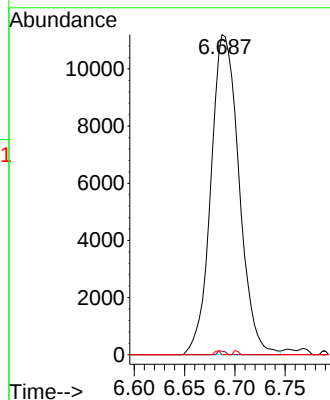
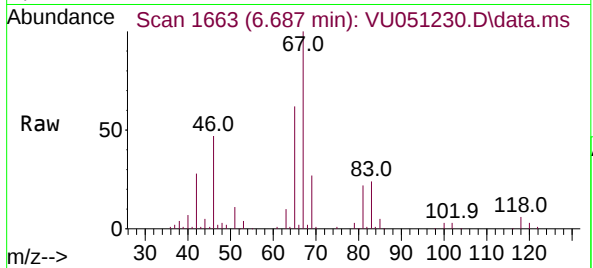




#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

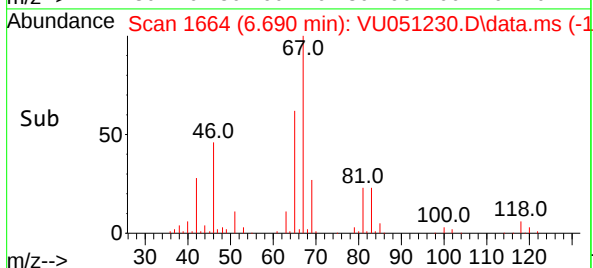
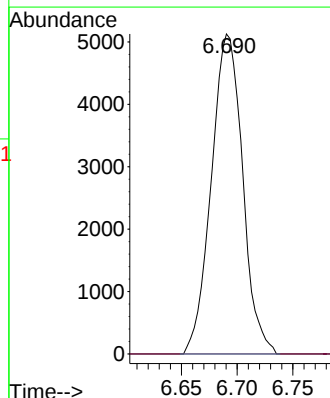
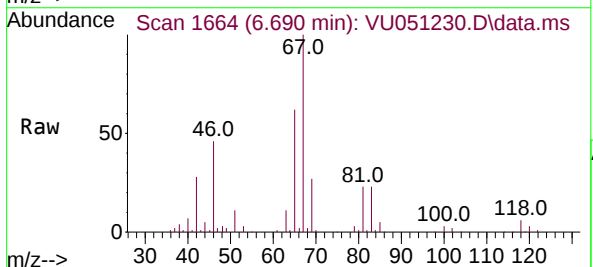
Instrument :
MSVOA_U
ClientSampleId :
EXFX1DL

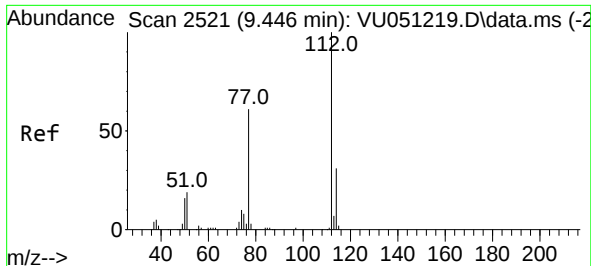
Tgt Ion: 83 Resp: 21791
Ion Ratio Lower Upper
83 100
55 0.3 65.8 98.6#
98 0.2 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

Tgt Ion: 63 Resp: 10024
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

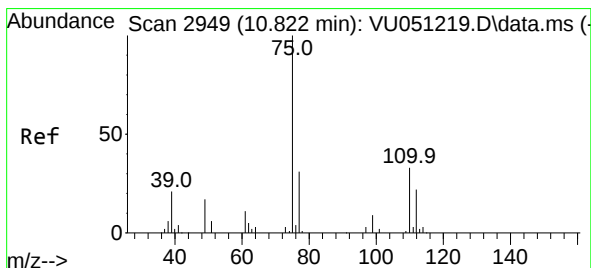
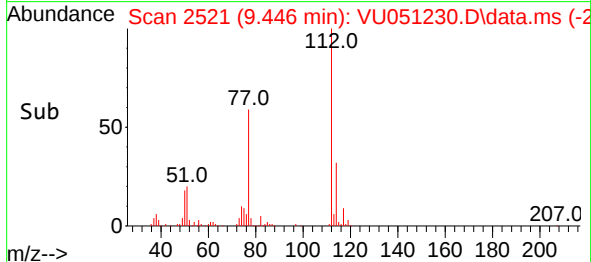
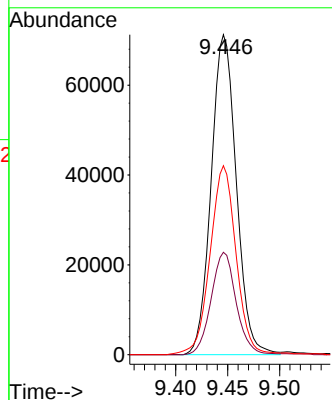
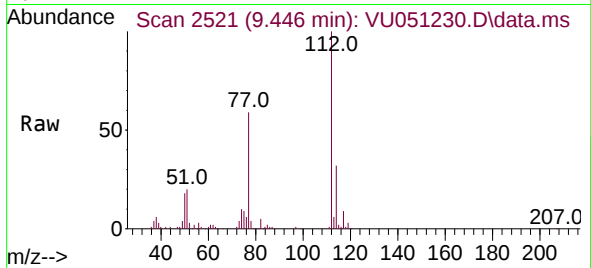




#51
Chlorobenzene
Concen: 2.721 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

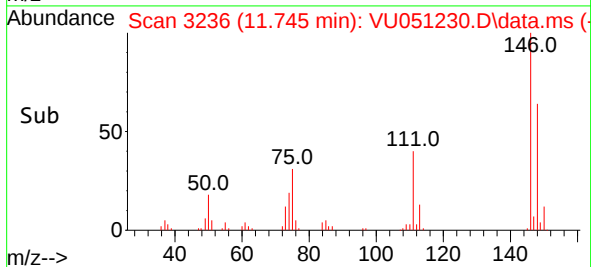
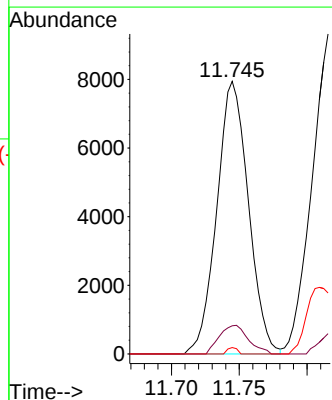
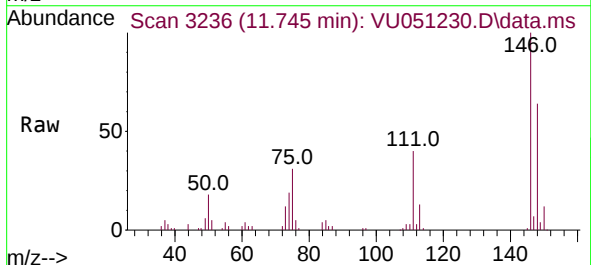
Instrument :
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ClientSampleId :
EXFX1DL

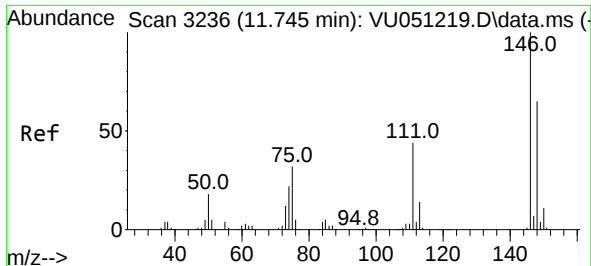
Tgt Ion:112 Resp: 119841
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.5
77 59.0 48.1 72.1



#61
1,2,3-Trichloropropane
Concen: 1.330 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

Tgt Ion: 75 Resp: 12879
Ion Ratio Lower Upper
75 100
110 9.6 27.0 40.6#
77 0.0 26.4 39.6#

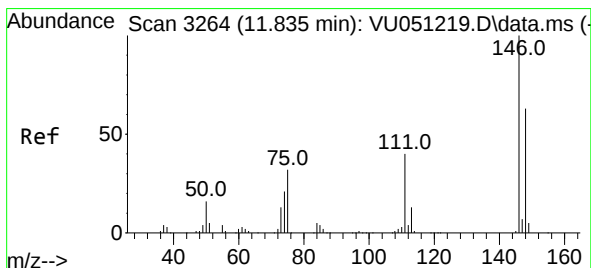
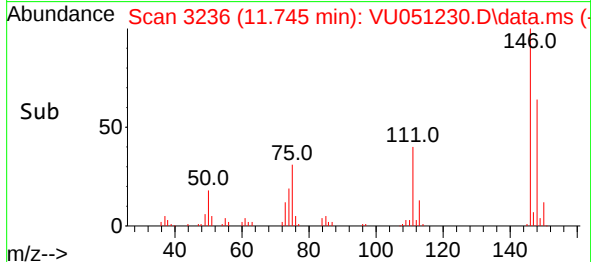
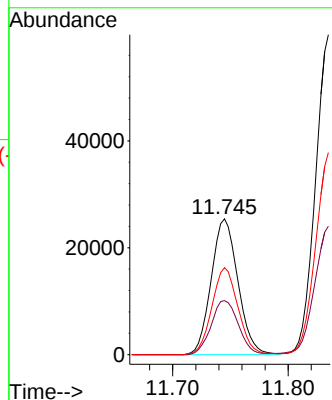
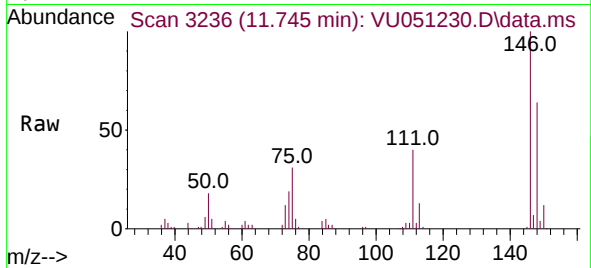




#64
1,3-Dichlorobenzene
Concen: 1.701 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

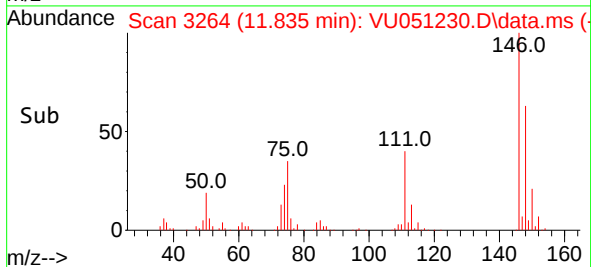
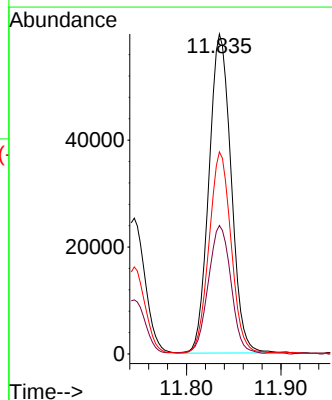
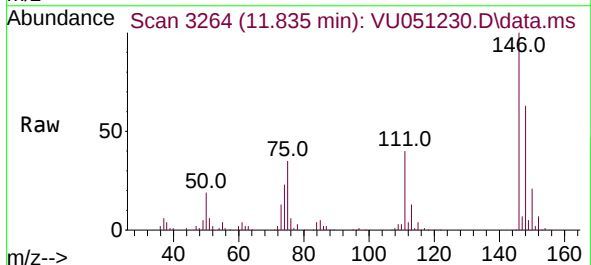
Instrument :
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ClientSampleId :
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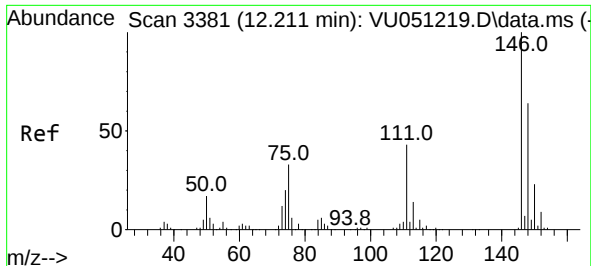
Tgt Ion:146 Resp: 40877
Ion Ratio Lower Upper
146 100
111 39.8 28.3 52.7
148 64.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.106 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051230.D
Acq: 07 Oct 2022 20:13

Tgt Ion:146 Resp: 97253
Ion Ratio Lower Upper
146 100
111 40.2 29.1 54.1
148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 11.313 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051230.D

Acq: 07 Oct 2022 20:13

Instrument :

MSVOA_U

ClientSampleId :

EXFX1DL

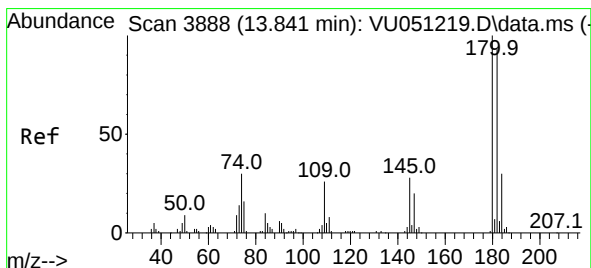
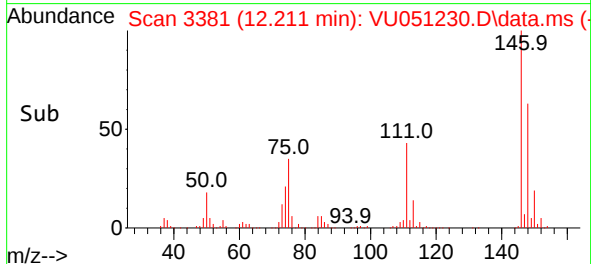
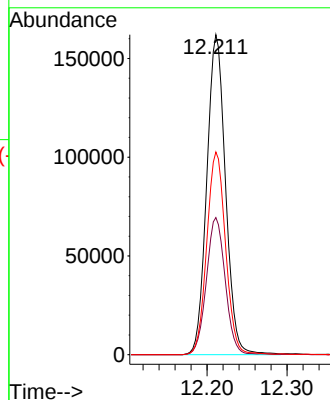
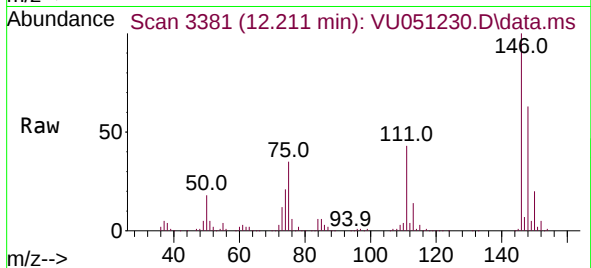
Tgt Ion:146 Resp: 264271

Ion Ratio Lower Upper

146 100

111 42.9 35.5 53.3

148 63.3 50.9 76.3



#70

1,2,4-trichlorobenzene

Concen: 0.248 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU051230.D

Acq: 07 Oct 2022 20:13

Tgt Ion:180 Resp: 2925

Ion Ratio Lower Upper

180 100

182 101.9 78.7 118.1

145 27.8 25.0 37.4

