

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051233.D
 Acq On : 07 Oct 2022 21:27
 Operator : JC/MD
 Sample : N4872-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

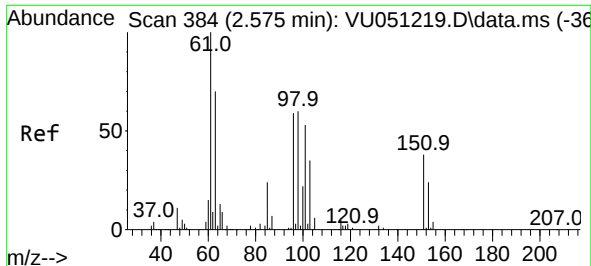
Instrument :
 MSVOA_U
 ClientSampleId :
 EXFX7

Quant Time: Oct 08 04:29:20 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	174361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	191792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67463	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66578	4.734	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.909	69	61960	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.562	65	26366	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.632	46	165861	53.563	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.120%
24) Chloroform-d	5.063	84	135684	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.700	65	73190	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.726	84	242801	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.690	67	88455	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.896	98	184573	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.182	79	26654	4.528	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.636	63	87891	44.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.600%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	71816	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	63137	5.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	831	0.061	ug/L #	21
31) Carbon tetrachloride	5.517	117	3156	0.162	ug/L	98
35) Methylcyclohexane	6.690	83	20263	1.005	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	9397	0.535	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2001	0.095	ug/L #	61
49) Dibromochloromethane	8.552	129	706	0.051	ug/L #	11
51) Chlorobenzene	9.446	112	7229	0.178	ug/L	94
61) 1,2,3-Trichloropropane	11.812	75	9004	1.057	ug/L #	68
65) 1,4-Dichlorobenzene	11.835	146	2161	0.104	ug/L #	88
67) 1,2-Dichlorobenzene	12.208	146	2050	0.100	ug/L #	79

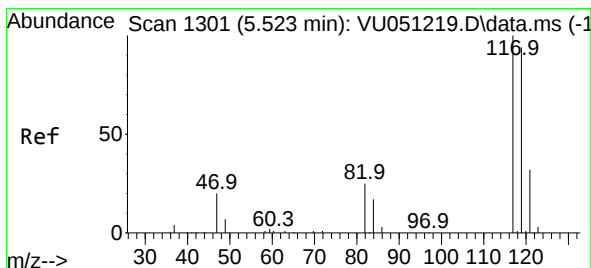
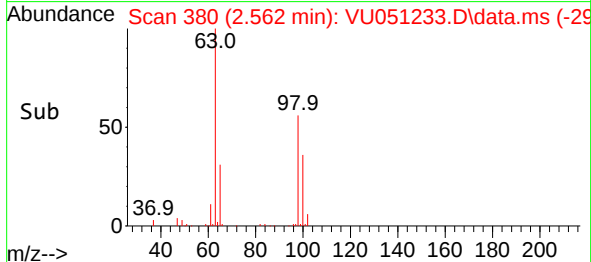
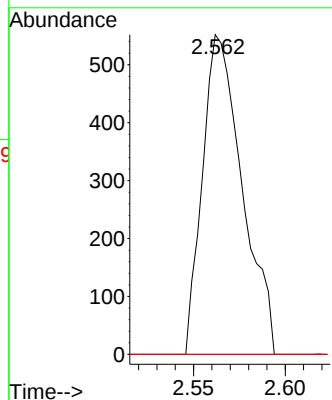
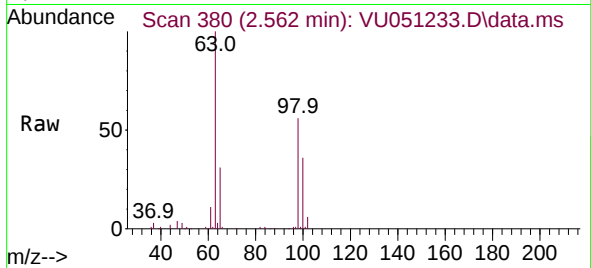
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051233.D
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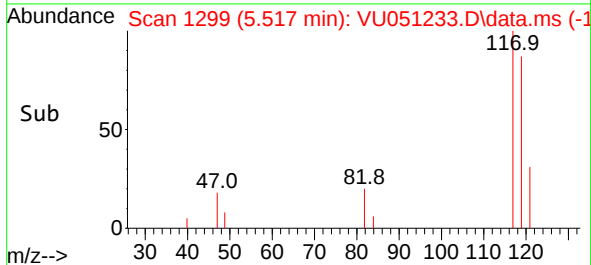
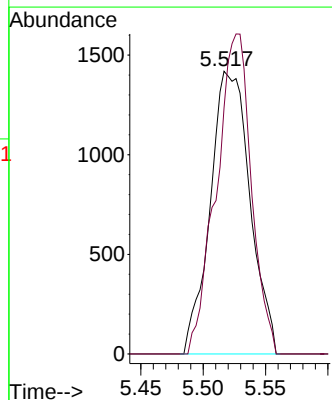
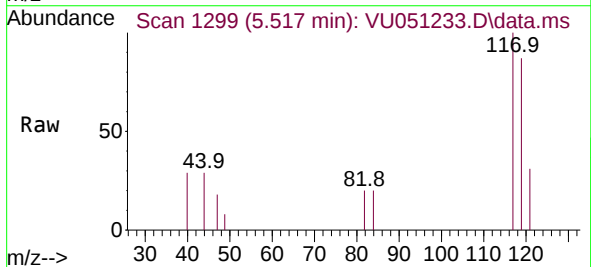
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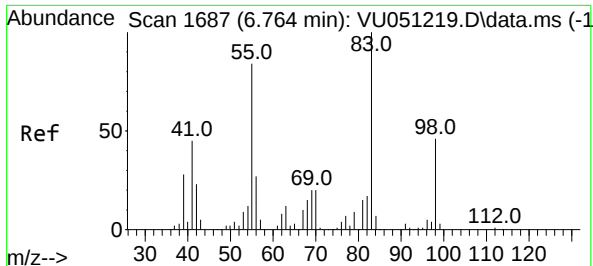
Tgt Ion:101 Resp: 831
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.5 84.7#



#31
Carbon tetrachloride
Concen: 0.162 ug/L
RT: 5.517 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VU051233.D
Acq: 07 Oct 2022 21:27

Tgt Ion:117 Resp: 3156
Ion Ratio Lower Upper
117 100
119 99.6 78.4 117.6





#35

Methylcyclohexane

Concen: 1.005 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051233.D

Acq: 07 Oct 2022 21:27

Instrument :

MSVOA_U

ClientSampleId :

EXFX7

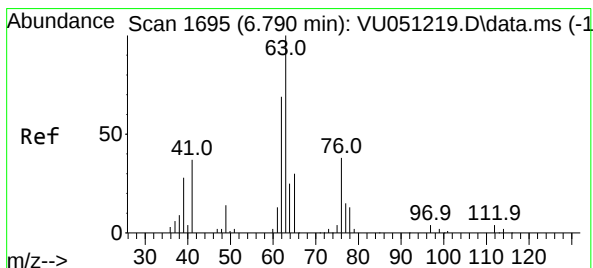
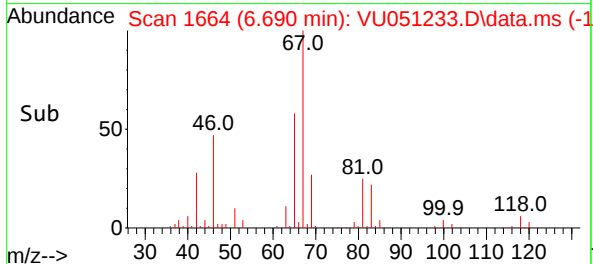
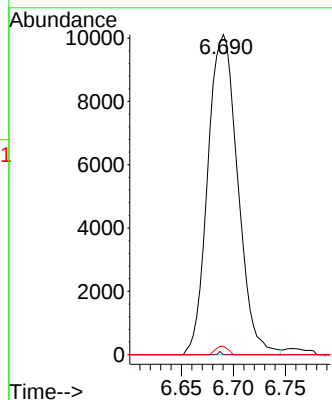
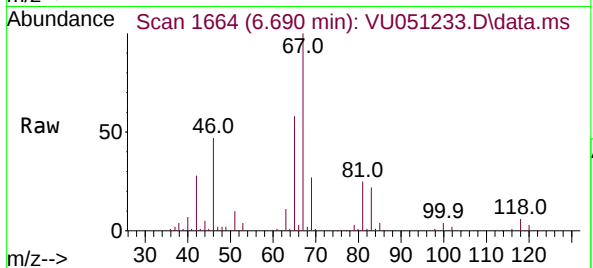
Tgt Ion: 83 Resp: 20263

Ion Ratio Lower Upper

83 100

55 0.1 65.8 98.6#

98 1.1 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU051233.D

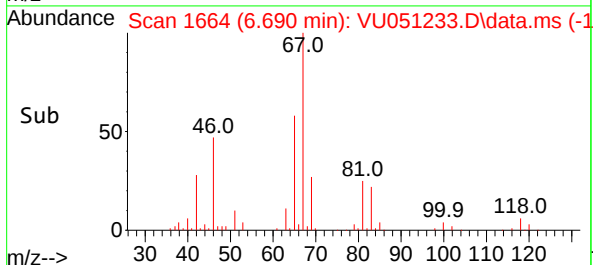
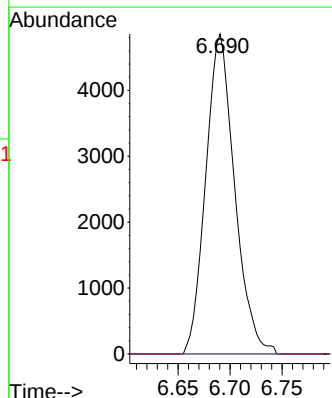
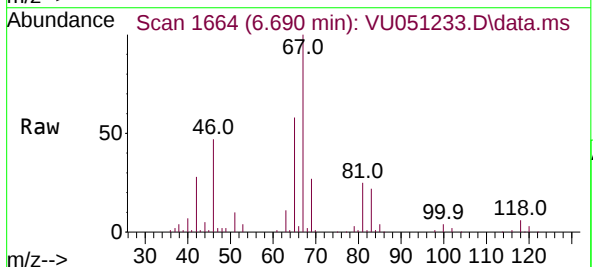
Acq: 07 Oct 2022 21:27

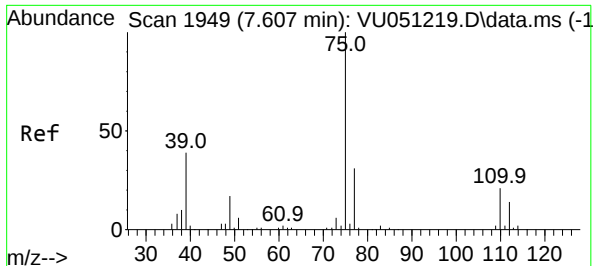
Tgt Ion: 63 Resp: 9397

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU051233.D

Acq: 07 Oct 2022 21:27

Instrument :

MSVOA_U

ClientSampleId :

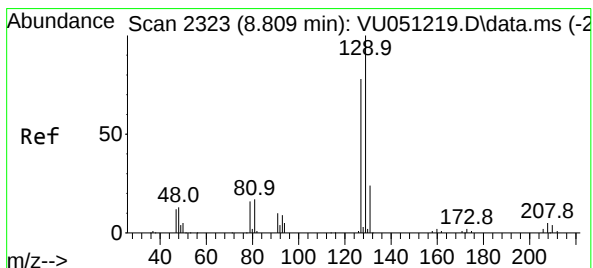
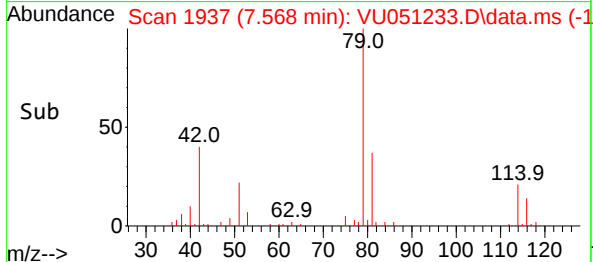
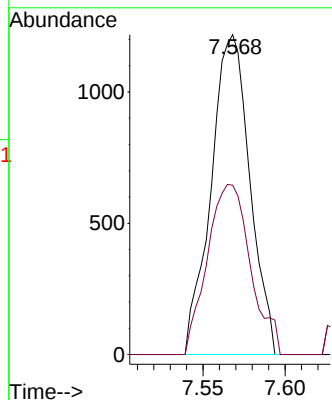
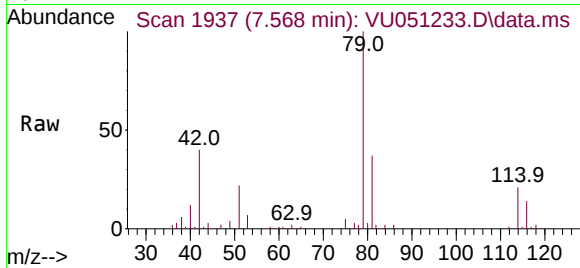
EXFX7

Tgt Ion: 75 Resp: 2001

Ion Ratio Lower Upper

75 100

77 53.0 22.0 41.0#



#49

Dibromochloromethane

Concen: 0.051 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU051233.D

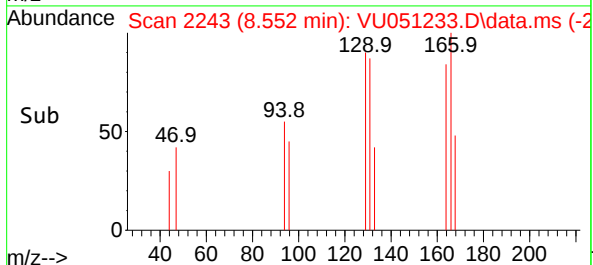
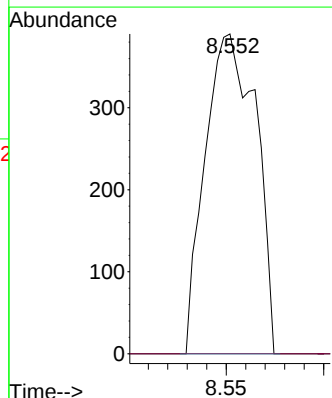
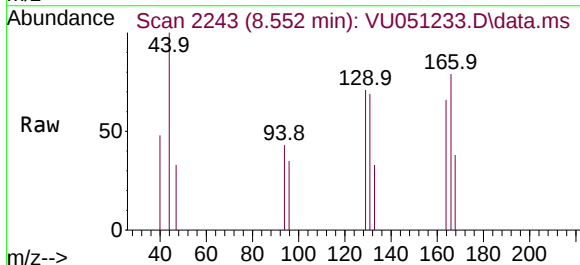
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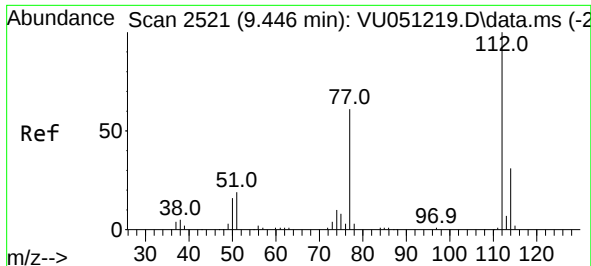
Tgt Ion: 129 Resp: 706

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

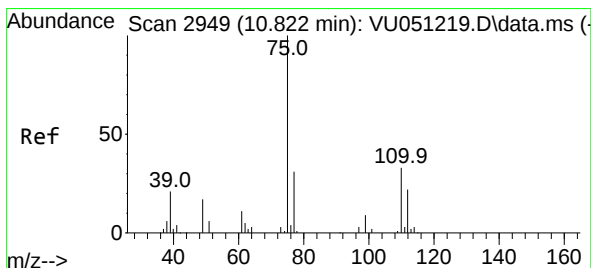
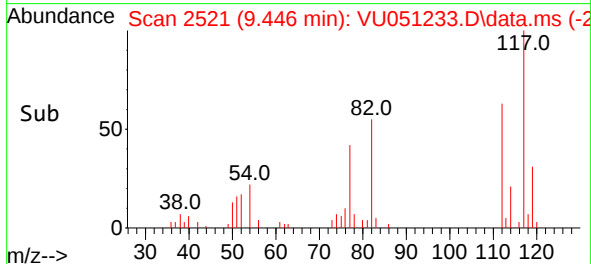
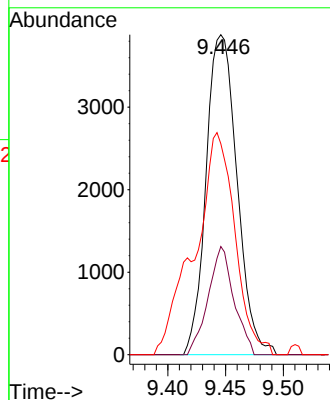
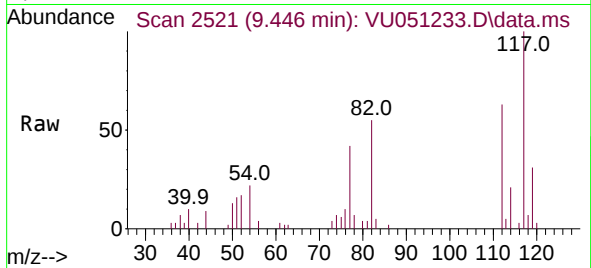




#51
Chlorobenzene
Concen: 0.178 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051233.D
Acq: 07 Oct 2022 21:27

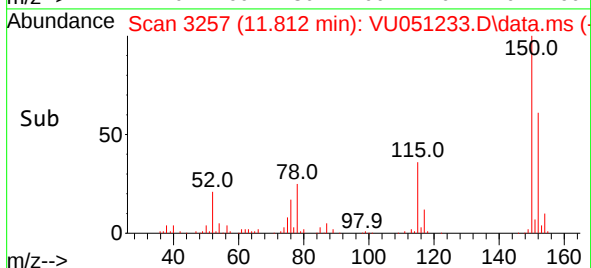
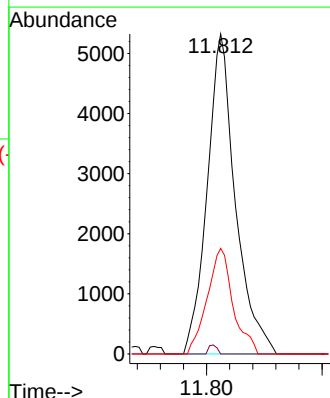
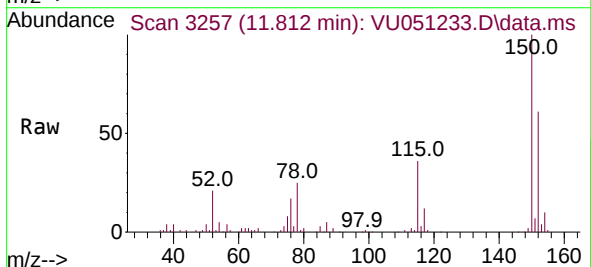
Instrument :
MSVOA_U
ClientSampleId :
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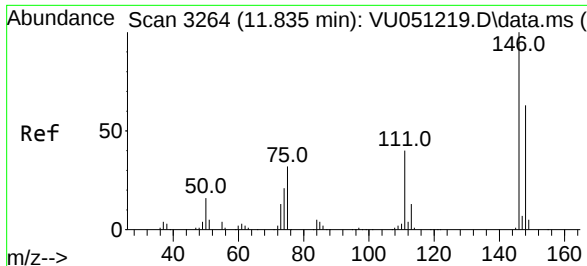
Tgt Ion:	112	Resp:	7229
Ion	Ratio	Lower	Upper
112	100		
114	33.8	22.3	41.5
77	65.9	48.1	72.1



#61
1,2,3-Trichloropropane
Concen: 1.057 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051233.D
Acq: 07 Oct 2022 21:27

Tgt Ion:	75	Resp:	9004
Ion	Ratio	Lower	Upper
75	100		
110	0.8	27.0	40.6#
77	30.2	26.4	39.6

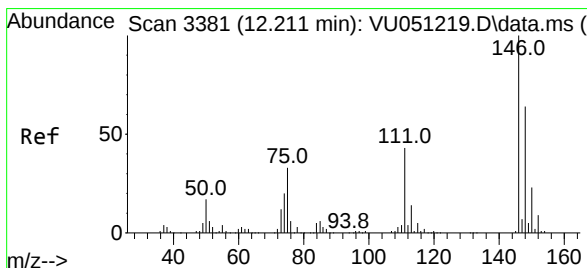
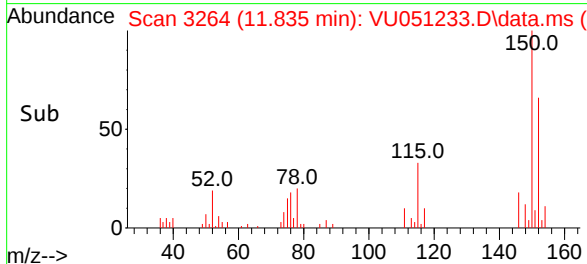
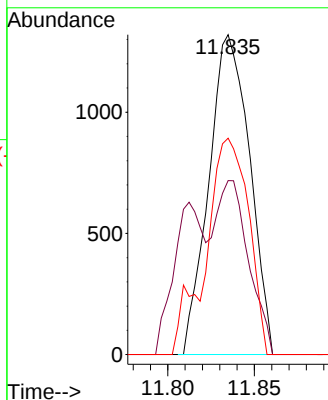
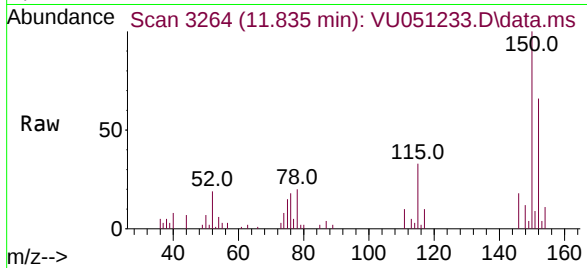




#65
1,4-Dichlorobenzene
Concen: 0.104 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051233.D
Acq: 07 Oct 2022 21:27

Instrument :
MSVOA_U
ClientSampleId :
EXFX7

Tgt Ion:146 Resp: 2161
Ion Ratio Lower Upper
146 100
111 54.4 29.1 54.1#
148 67.7 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 0.100 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051233.D
Acq: 07 Oct 2022 21:27

Tgt Ion:146 Resp: 2050
Ion Ratio Lower Upper
146 100
111 67.3 35.5 53.3#
148 72.3 50.9 76.3

