

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046871.D
 Acq On : 27 Jan 2022 15:17
 Operator : SY/MD
 Sample : N1260-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX3DL

Quant Time: Jan 28 01:00:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	111798	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	120097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23748	2.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.200%
7) Chloroethane-d5	1.919	69	17247	2.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	46.200%#
11) 1,1-Dichloroethene-d2	2.556	65	14301	3.795	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.652	46	110153	39.250	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.500%
24) Chloroform-d	5.067	84	68240	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.703	65	40184	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.726	84	139291	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.691	67	43963	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.899	98	114979	3.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	8.186	79	16622	3.571	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.671	63	106388	38.605	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.220%
56) 1,1,2,2-Tetrachloroeth...	10.768	84	43535	4.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	46731	4.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	10826	0.985	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	492	0.075	ug/L #	21
12) 1,1-Dichloroethene	2.569	96	15163	2.429	ug/L #	81
17) Methyl tert-butyl Ether	3.369	73	40810	2.330	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	1609	0.238	ug/L	83
19) 1,1-Dichloroethane	3.871	63	19976	1.760	ug/L	93
22) cis-1,2-Dichloroethene	4.668	96	45125	6.327	ug/L	97
27) 1,2-Dichloroethane	5.800	62	1233	0.155	ug/L #	73
29) 1,1,1-Trichloroethane	5.311	97	4749	0.439	ug/L	99
34) Trichloroethene	6.543	95	77431	10.547	ug/L	99
35) Methylcyclohexane	6.694	83	10464	0.851	ug/L #	18
37) 1,2-Dichloropropane	6.691	63	4516	0.651	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	998	0.092	ug/L #	58
47) Tetrachloroethene	8.552	164	28594	4.789	ug/L	96
49) Dibromochloromethane	8.552	129	27769	3.989	ug/L #	10
67) 1,2-Dichlorobenzene	12.221	146	976	0.070	ug/L	97

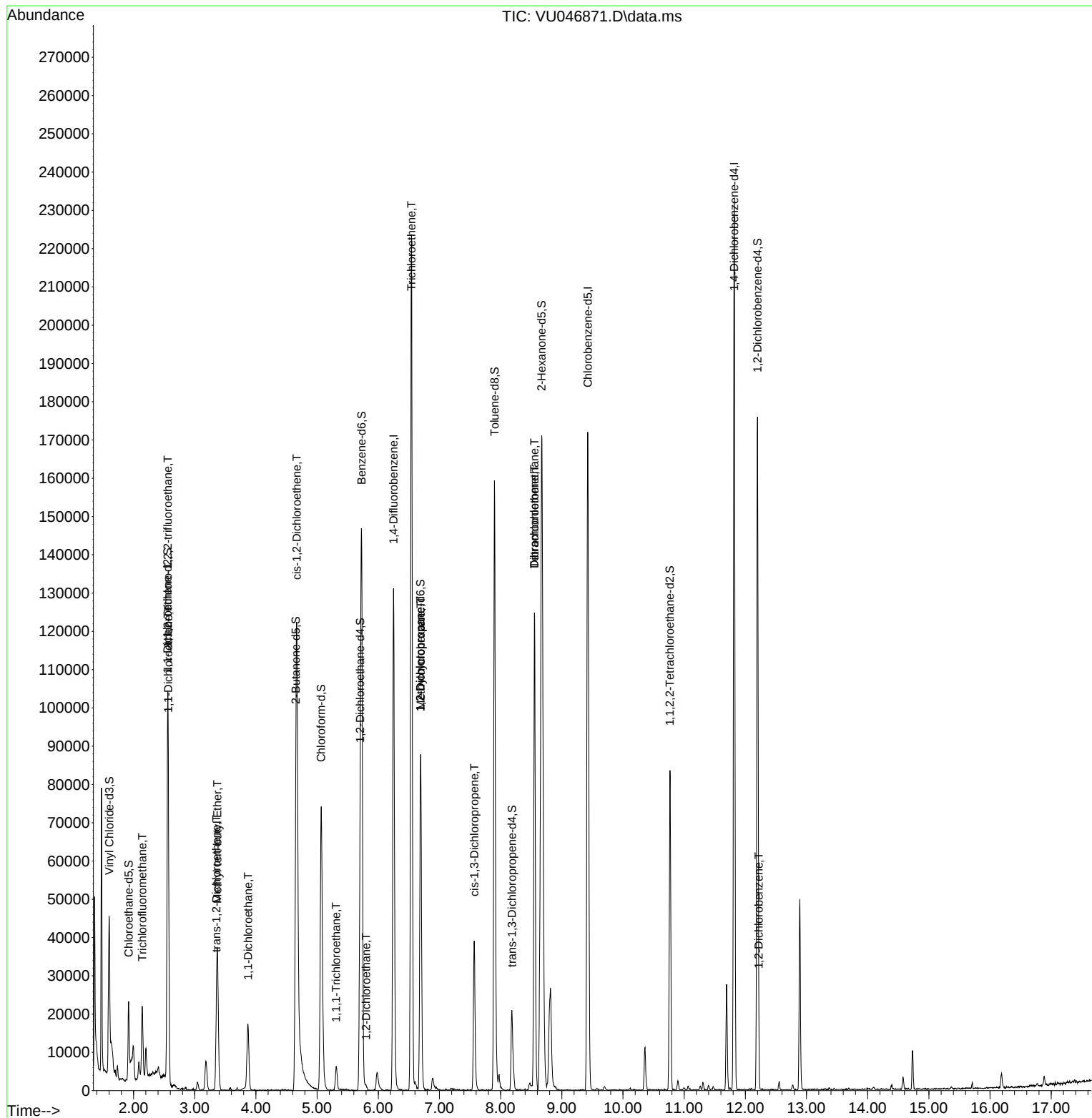
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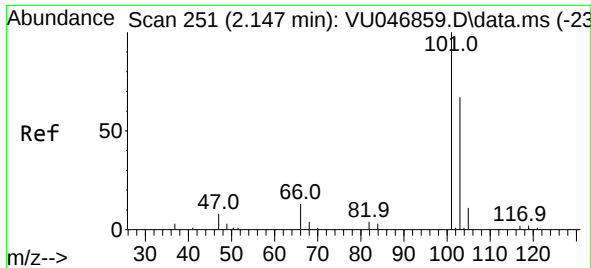
Instrument :
MSVOA_U
ClientSampleId :
BFX3DL

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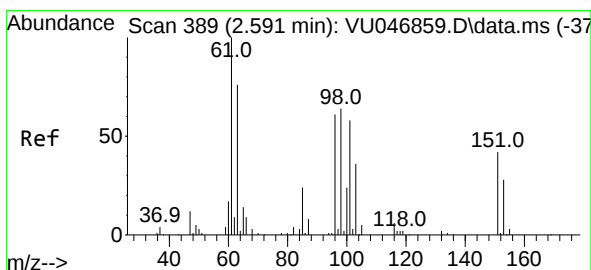
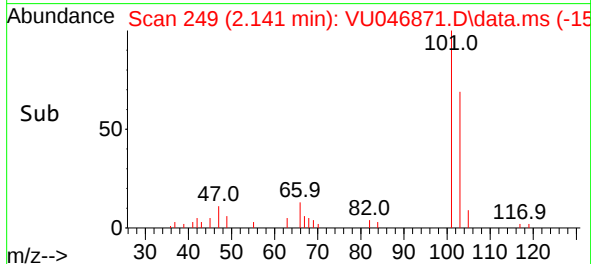
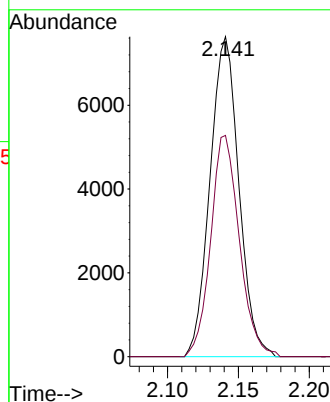
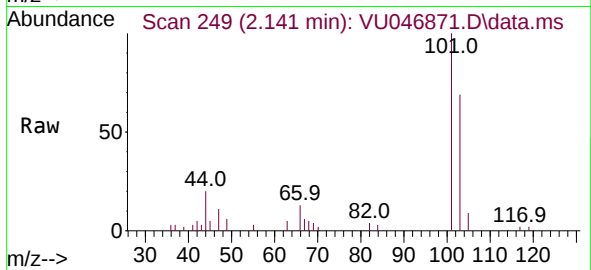




#9
 Trichlorofluoromethane
 Concen: 0.985 ug/L
 RT: 2.141 min Scan# 249
 Delta R.T. -0.006 min
 Lab File: VU046871.D
 Acq: 27 Jan 2022 15:17

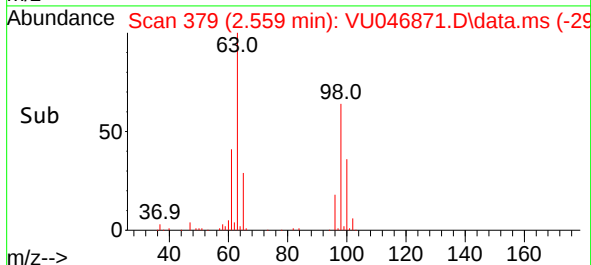
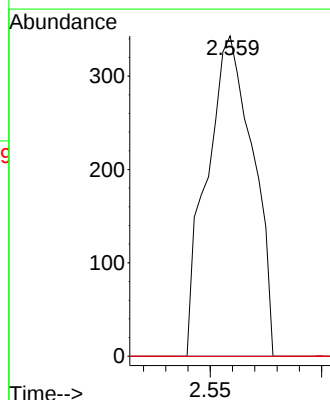
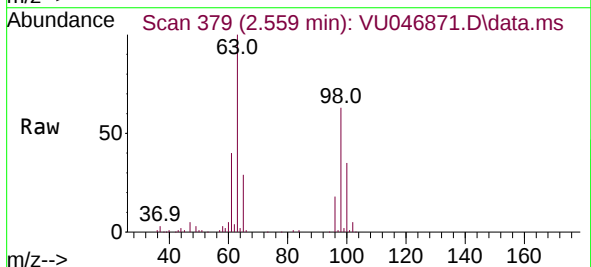
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 ClientSampleId :
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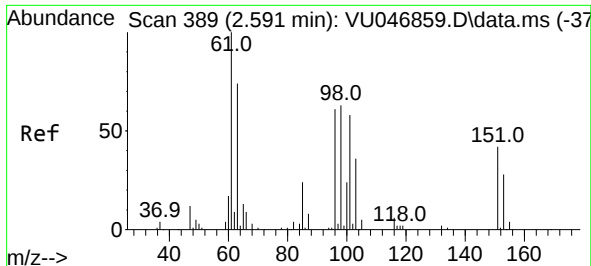
Tgt Ion:101 Resp: 10826
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.075 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.032 min
 Lab File: VU046871.D
 Acq: 27 Jan 2022 15:17

Tgt Ion:101 Resp: 492
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 2.429 ug/L

RT: 2.569 min Scan# 31

Delta R.T. -0.022 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

BFX3DL

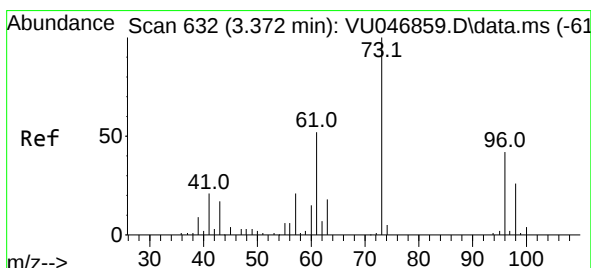
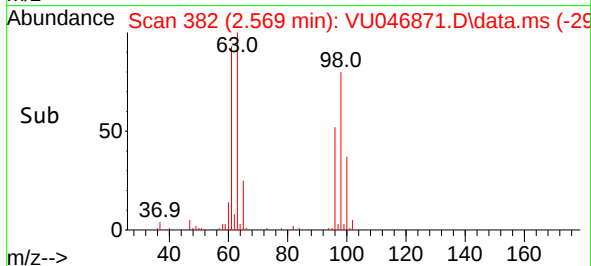
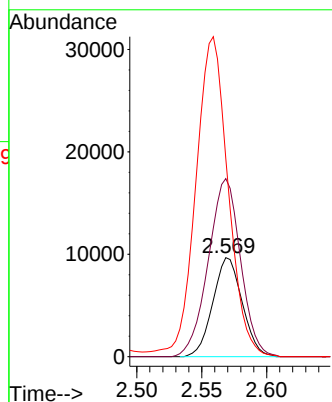
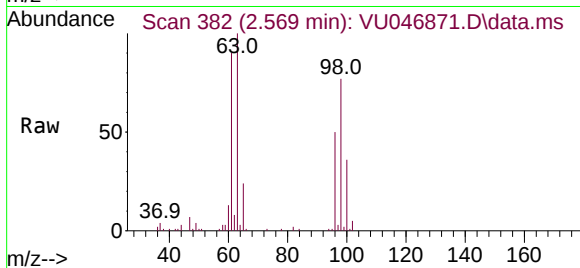
Tgt Ion: 96 Resp: 15163

Ion Ratio Lower Upper

96 100

61 179.8 124.7 231.5

63 200.1 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 2.330 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.003 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

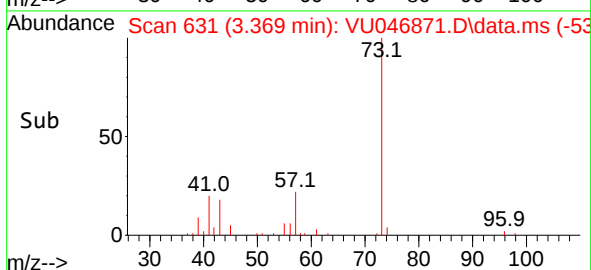
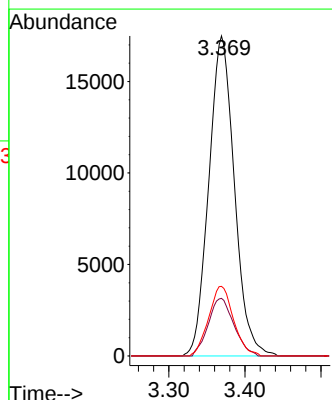
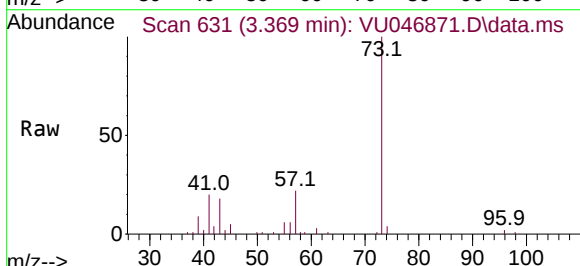
Tgt Ion: 73 Resp: 40810

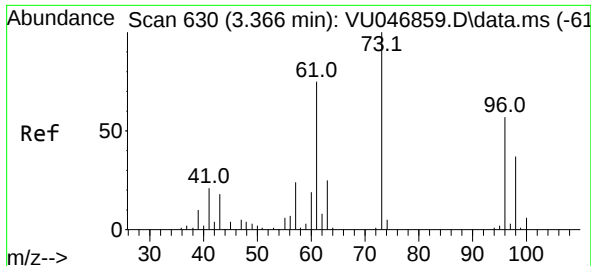
Ion Ratio Lower Upper

73 100

43 18.1 14.8 22.2

57 21.2 17.4 26.0

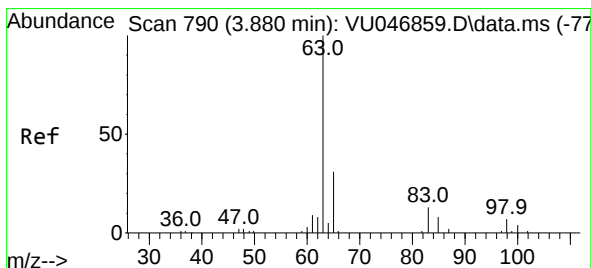
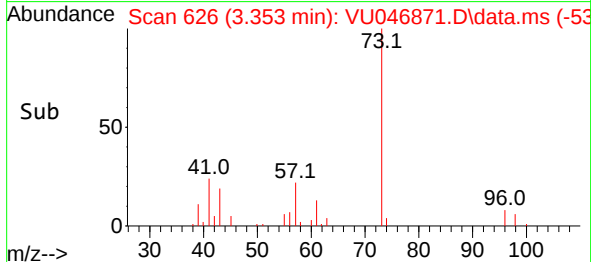
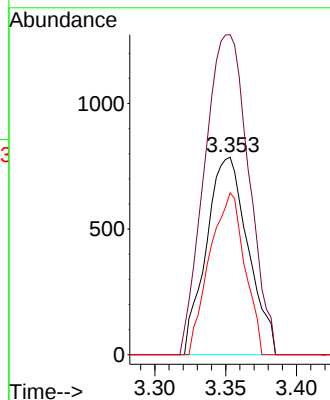
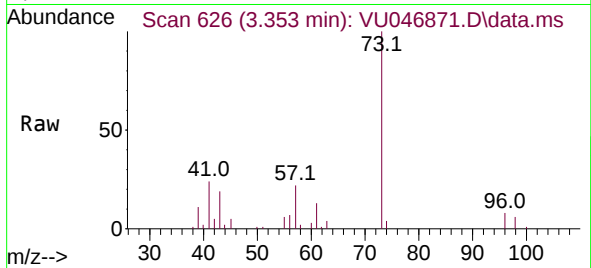




#18
trans-1,2-Dichloroethene
Concen: 0.238 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.013 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

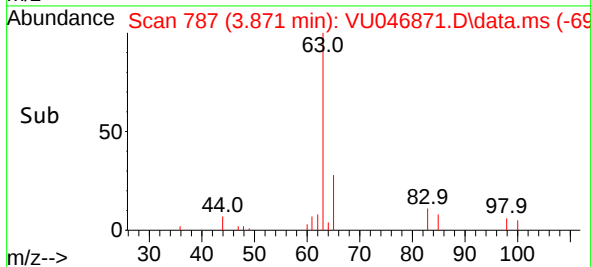
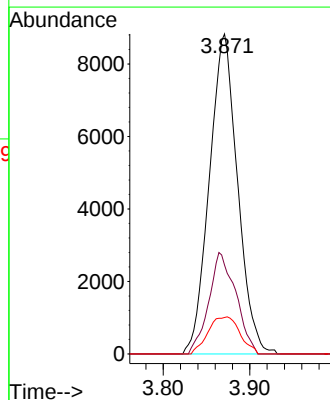
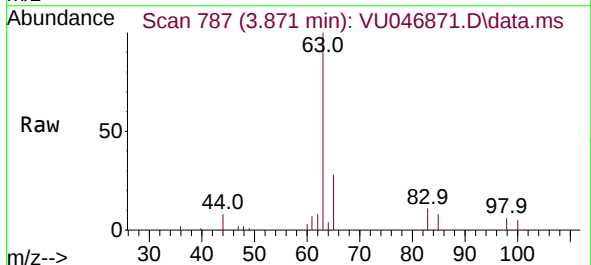
Instrument :
MSVOA_U
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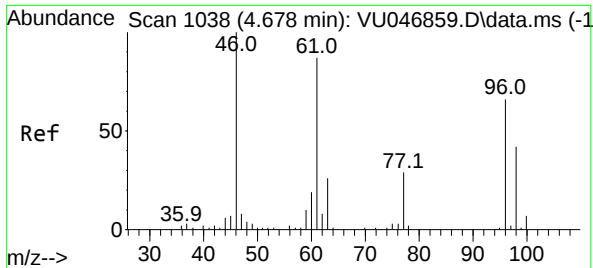
Tgt Ion: 96 Resp: 1609
Ion Ratio Lower Upper
96 100
61 162.1 100.8 187.2
98 81.9 45.1 83.7



#19
1,1-Dichloroethane
Concen: 1.760 ug/L
RT: 3.871 min Scan# 787
Delta R.T. -0.010 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Tgt Ion: 63 Resp: 19976
Ion Ratio Lower Upper
63 100
65 27.8 22.3 41.5
83 11.4 9.6 17.8

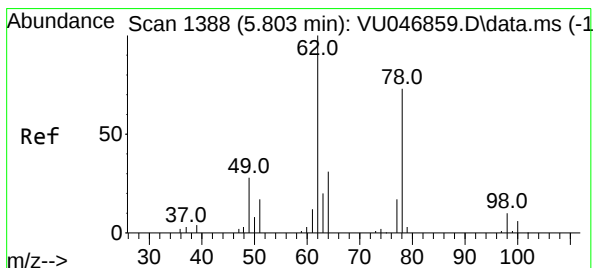
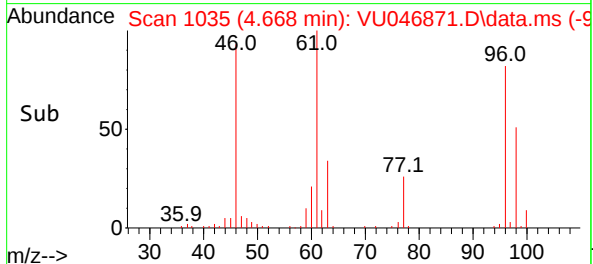
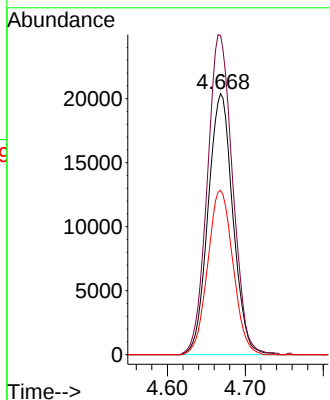
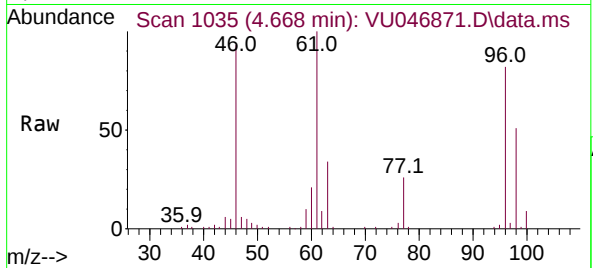




#22
cis-1,2-Dichloroethene
Concen: 6.327 ug/L
RT: 4.668 min Scan# 1038
Delta R.T. -0.010 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

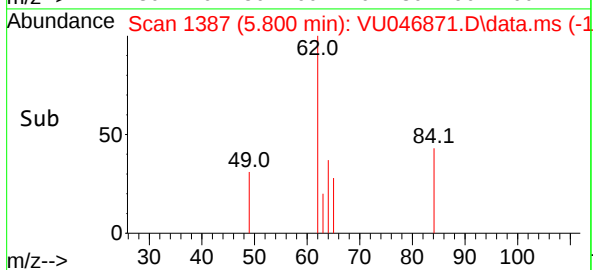
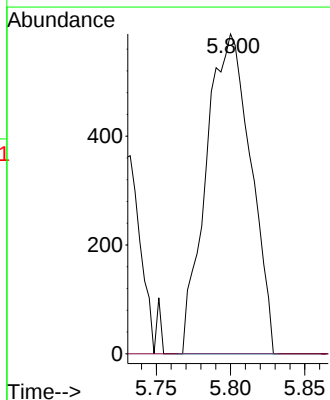
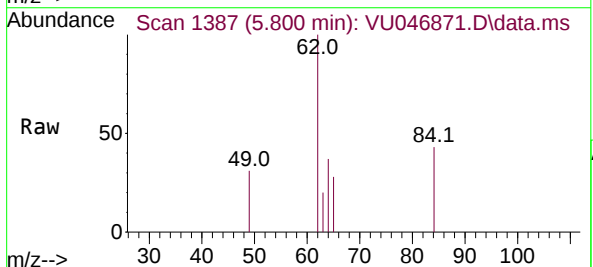
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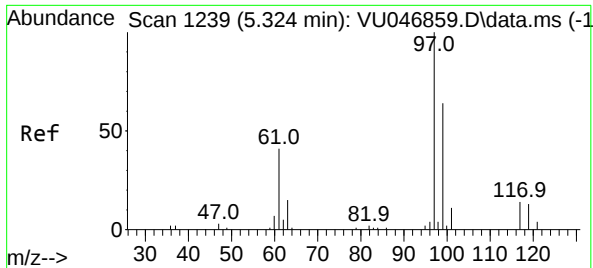
Tgt Ion: 96 Resp: 45125
Ion Ratio Lower Upper
96 100
61 122.3 88.5 164.3
98 62.9 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.155 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Tgt Ion: 62 Resp: 1233
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#

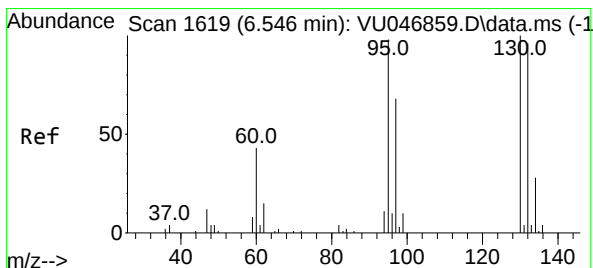
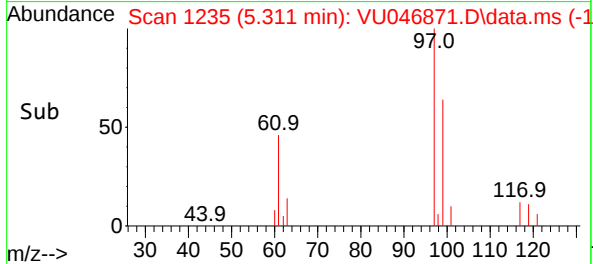
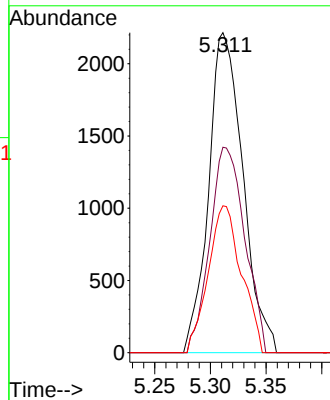
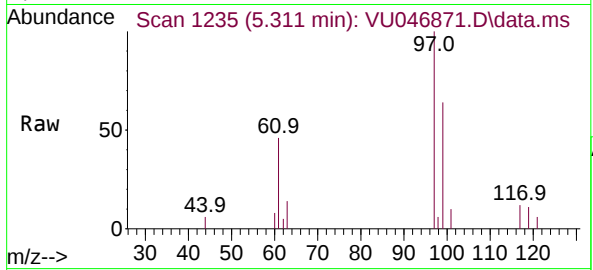




#29
1,1,1-Trichloroethane
Concen: 0.439 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

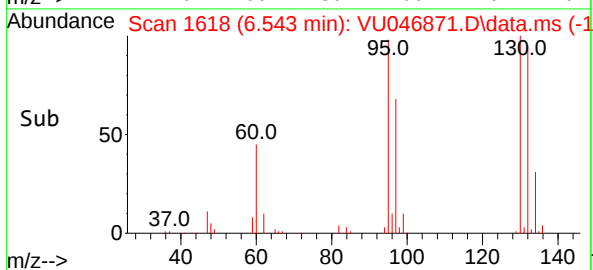
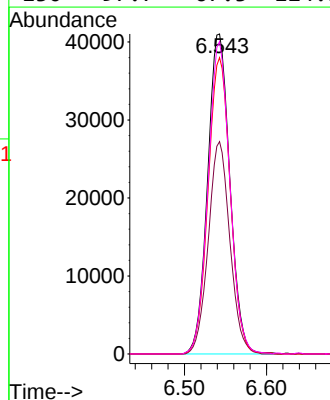
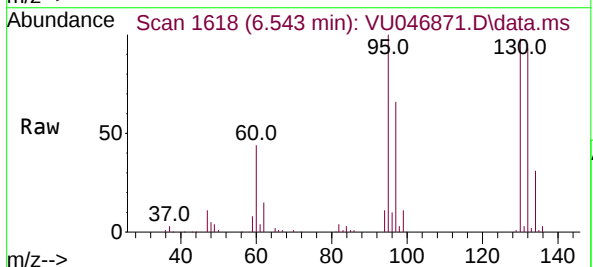
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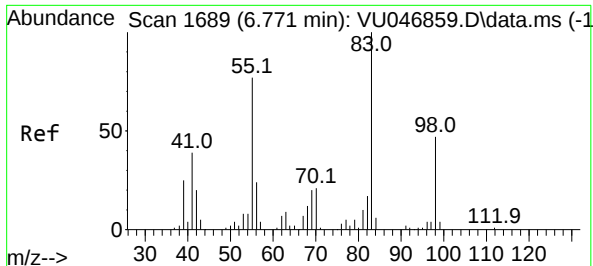
Tgt Ion:	97	Resp:	4749
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.3	76.9
61	44.5	36.1	54.1



#34
Trichloroethene
Concen: 10.547 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Tgt Ion:	95	Resp:	77431
Ion	Ratio	Lower	Upper
95	100		
97	66.3	46.5	86.5
132	92.6	65.1	120.9
130	97.7	67.3	124.9





#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

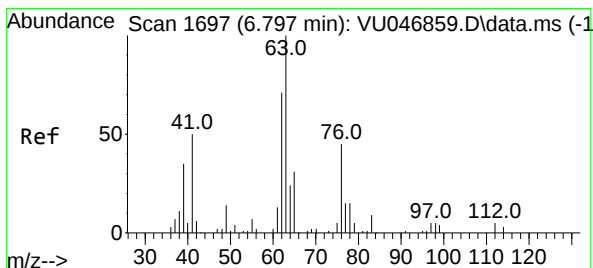
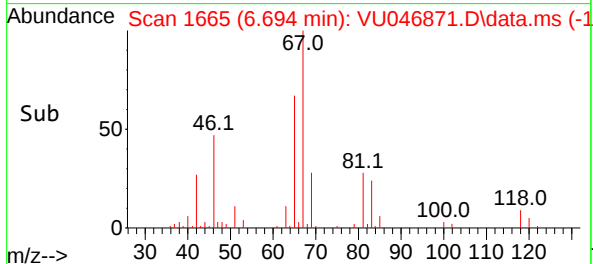
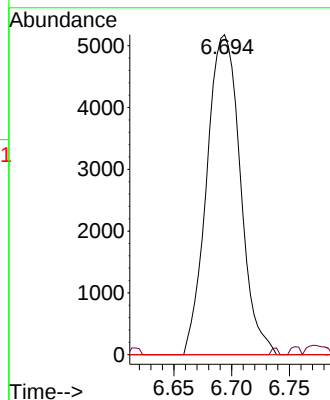
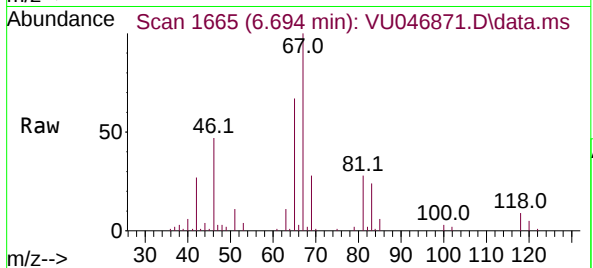
Instrument :

MSVOA_U

ClientSampleId :

BFX3DL

Tgt Ion: 83	Resp: 10464
Ion Ratio	Lower Upper
83 100	
55 0.4	61.9 92.9#
98 0.0	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

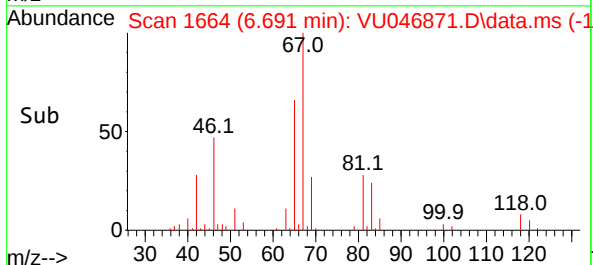
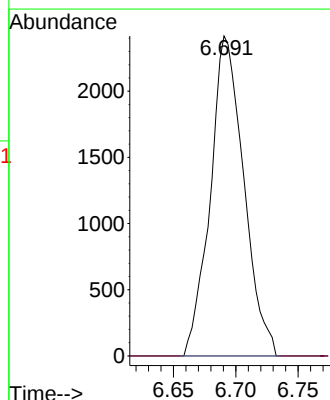
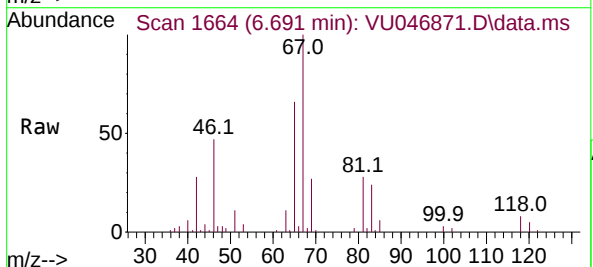
RT: 6.691 min Scan# 1664

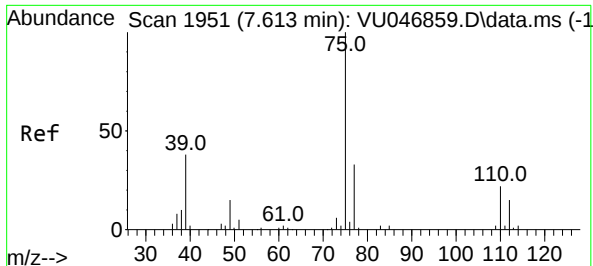
Delta R.T. -0.106 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

Tgt Ion: 63	Resp: 4516
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

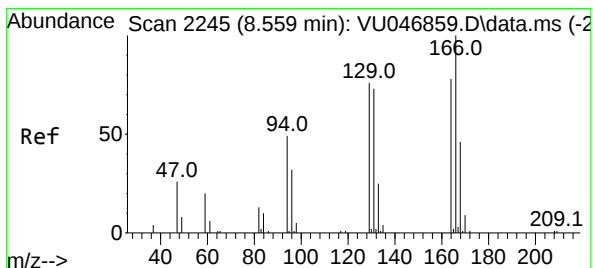
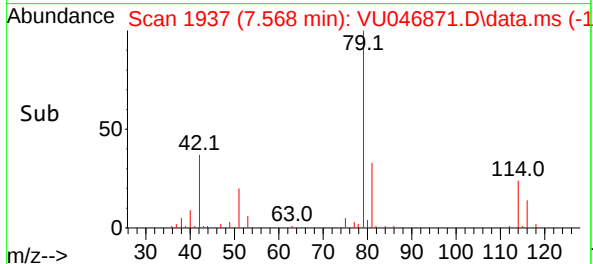
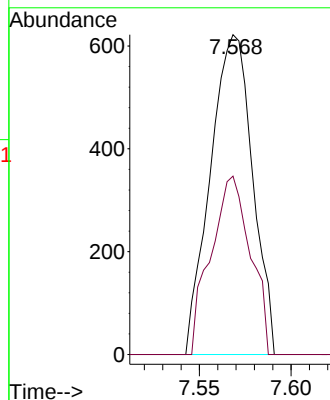
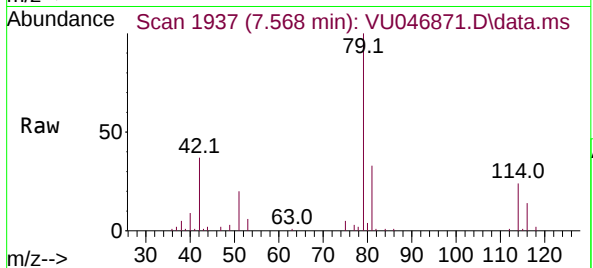
BFX3DL

Tgt Ion: 75 Resp: 998

Ion Ratio Lower Upper

75 100

77 55.8 22.5 41.9#



#47

Tetrachloroethene

Concen: 4.789 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.006 min

Lab File: VU046871.D

Acq: 27 Jan 2022 15:17

Tgt Ion: 164 Resp: 28594

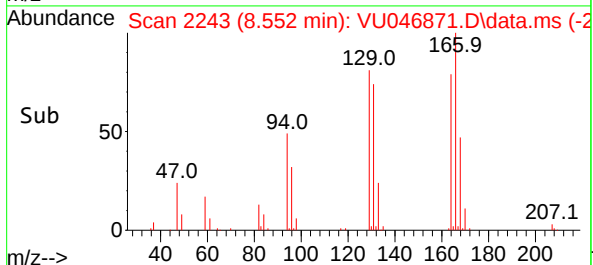
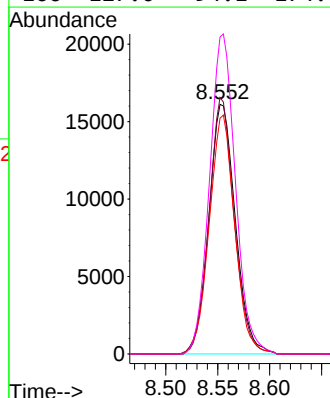
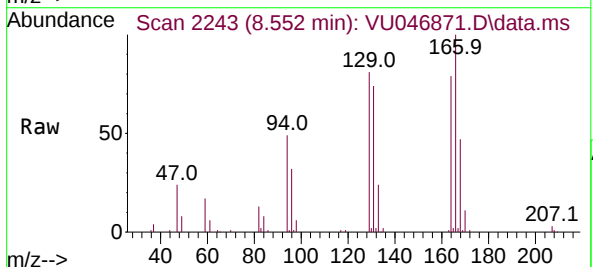
Ion Ratio Lower Upper

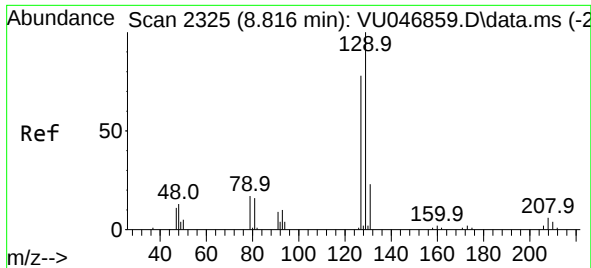
164 100

129 102.8 71.8 133.4

131 94.5 68.5 127.3

166 127.0 94.1 174.8

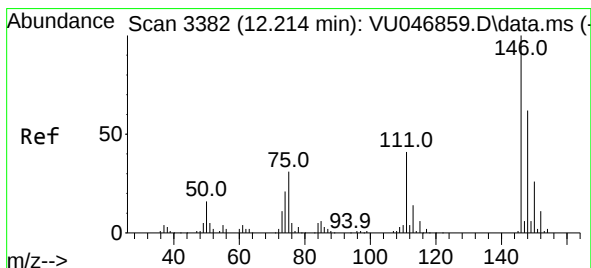
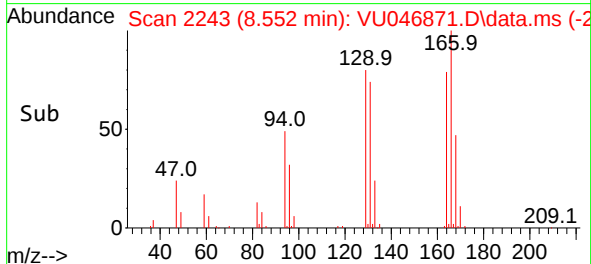
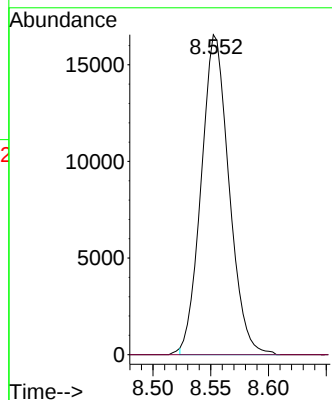
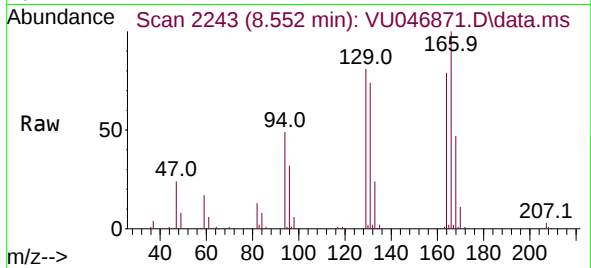




#49
Dibromochloromethane
Concen: 3.989 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.264 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :
BFX3DL

Tgt Ion:129 Resp: 27769
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#67
1,2-Dichlorobenzene
Concen: 0.070 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.007 min
Lab File: VU046871.D
Acq: 27 Jan 2022 15:17

Tgt Ion:146 Resp: 976
Ion Ratio Lower Upper
146 100
111 46.4 35.4 53.0
148 65.8 51.1 76.7

