

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049114.D
 Acq On : 14 Jun 2022 15:21
 Operator : SY/MD
 Sample : N3278-03 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

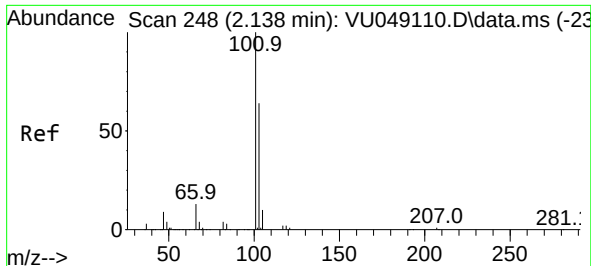
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	128926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51734	4.592	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.912	69	41472	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.568	65	19944	4.402	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	4.636	46	207879	69.110	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.220%#	
24) Chloroform-d	5.063	84	104633	5.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.400%	
26) 1,2-Dichloroethane-d4	5.703	65	63444	6.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	130.800%#	
32) Benzene-d6	5.729	84	204931	5.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	113.000%	
36) 1,2-Dichloropropane-d6	6.693	67	74603	6.055	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	121.200%	
41) Toluene-d8	7.899	98	181839	5.563	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
43) trans-1,3-Dichloroprop...	8.182	79	29587	5.406	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.200%	
46) 2-Hexanone-d5	8.635	63	154069	69.781	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	139.560%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	64764	6.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	131.400%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	69274	6.282	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	125.600%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	8377	0.666	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	480	0.064	ug/L #	21
22) cis-1,2-Dichloroethene	4.668	96	733	0.082	ug/L #	60
27) 1,2-Dichloroethane	5.729	62	1236	0.118	ug/L #	74
34) Trichloroethene	6.546	95	2274	0.248	ug/L	92
35) Methylcyclohexane	6.693	83	16439	1.070	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	8071	0.819	ug/L #	89
47) Tetrachloroethene	8.555	164	51540	8.155	ug/L	99
49) Dibromochloromethane	8.555	129	51927	6.627	ug/L #	10
71) Naphthalene	14.095	128	4369	0.220	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.336	180	1128	0.120	ug/L	96

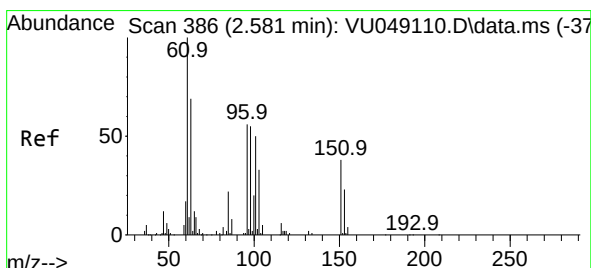
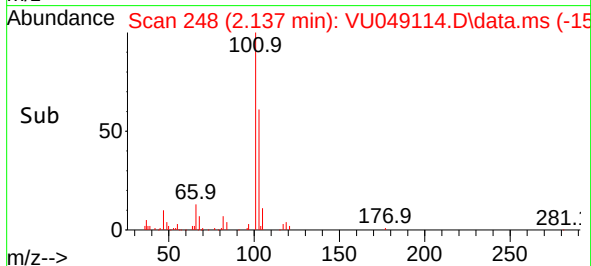
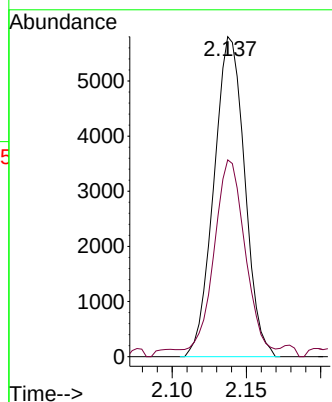
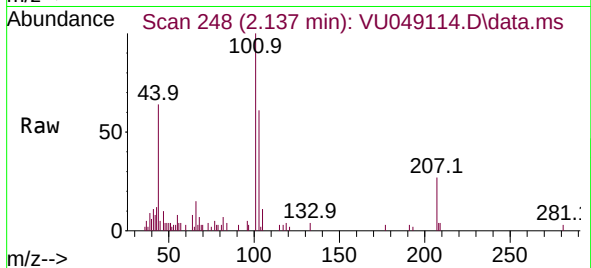
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 0.666 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU049114.D
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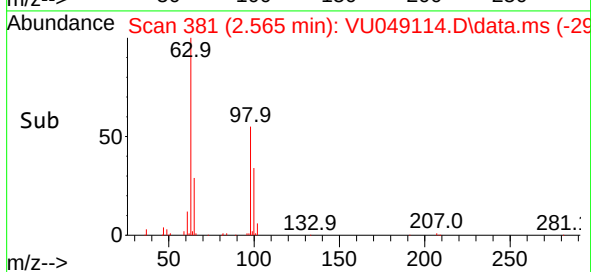
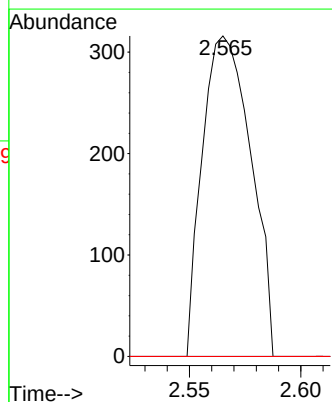
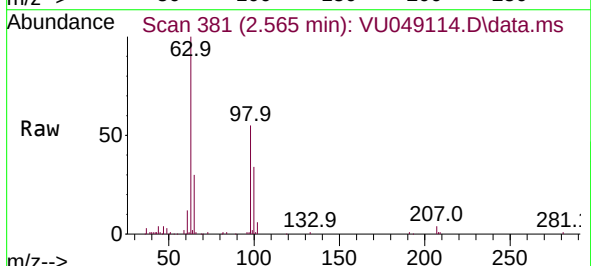
Instrument :
 MSVOA_U
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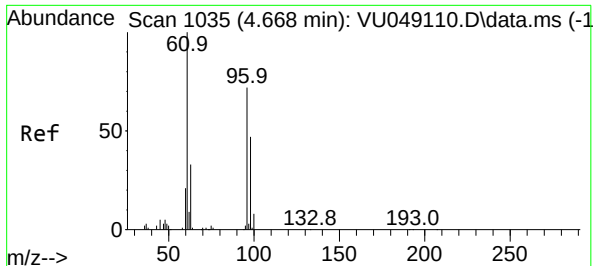
Tgt Ion:101 Resp: 8377
 Ion Ratio Lower Upper
 101 100
 103 60.6 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.064 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049114.D
 Acq: 14 Jun 2022 15:21

Tgt Ion:101 Resp: 480
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#

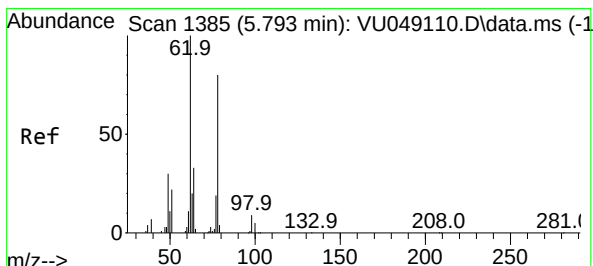
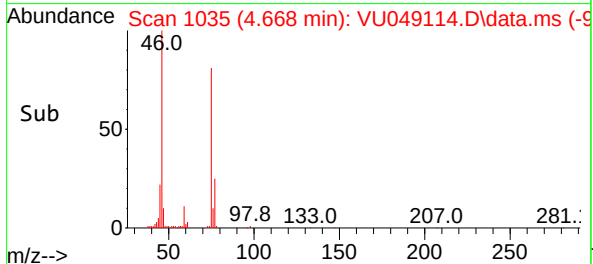
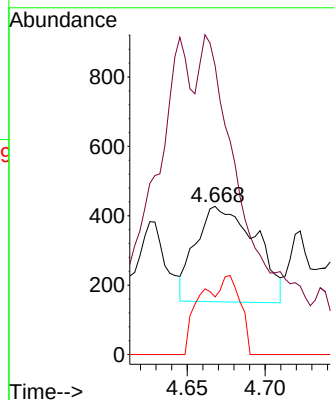
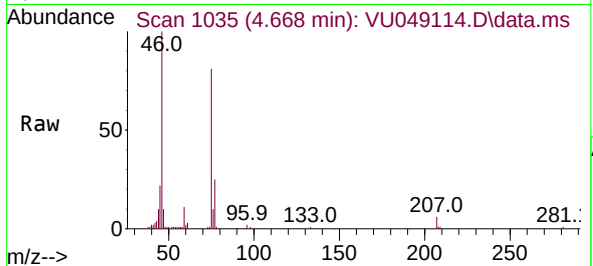




#22
 cis-1,2-Dichloroethene
 Concen: 0.082 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049114.D
 Acq: 14 Jun 2022 15:21

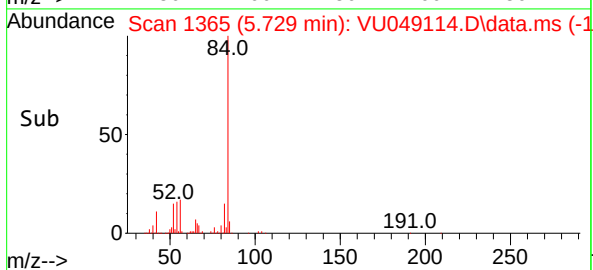
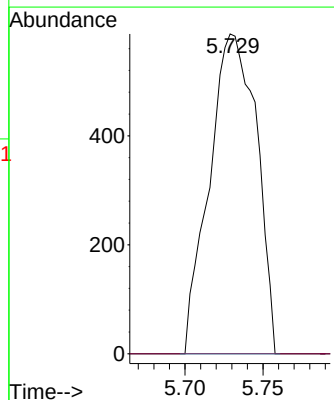
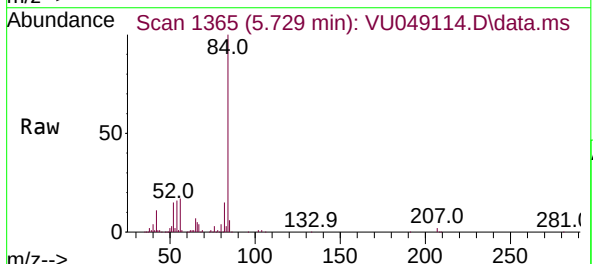
Instrument :
 MSVOA_U
 ClientSampleId :

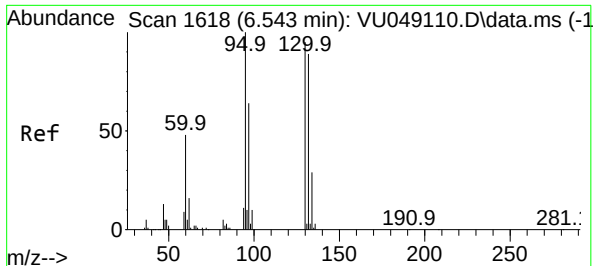
Tgt Ion: 96 Resp: 733
 Ion Ratio Lower Upper
 96 100
 61 195.1 99.5 184.9#
 98 38.9 44.8 83.2#



#27
 1,2-Dichloroethane
 Concen: 0.118 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.064 min
 Lab File: VU049114.D
 Acq: 14 Jun 2022 15:21

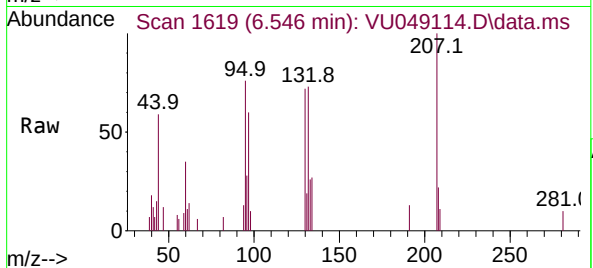
Tgt Ion: 62 Resp: 1236
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





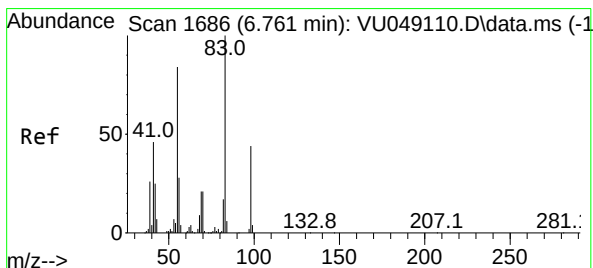
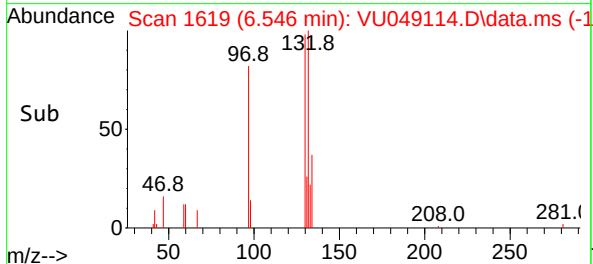
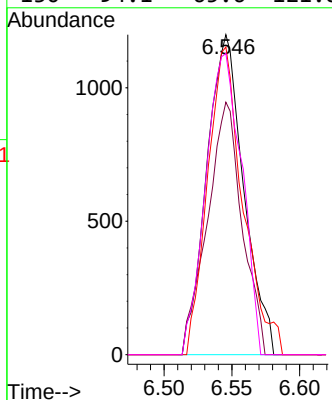
#34
Trichloroethene
Concen: 0.248 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049114.D
Acq: 14 Jun 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 2274

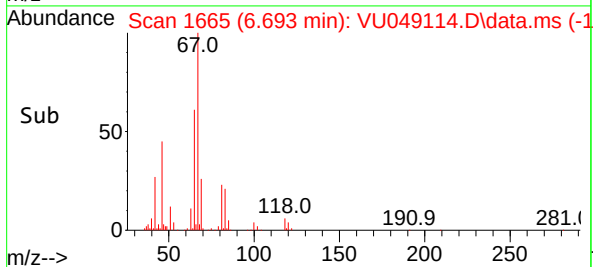
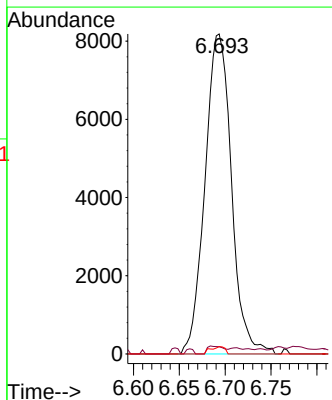
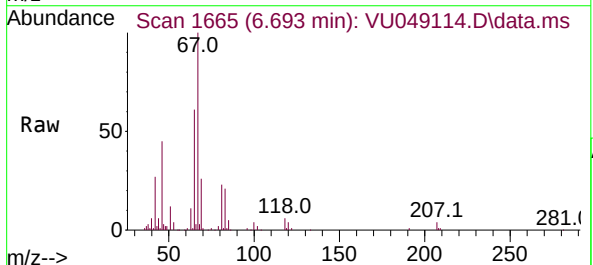
Ion	Ratio	Lower	Upper
95	100		
97	78.9	45.3	84.1
132	96.2	61.5	114.3
130	94.1	65.6	121.8

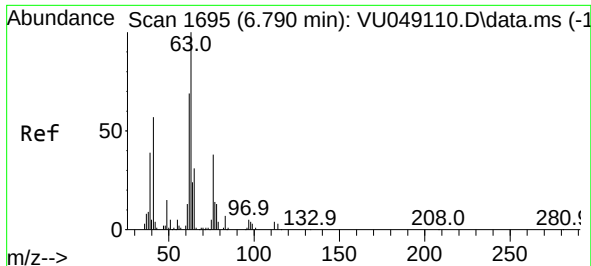


#35
Methylcyclohexane
Concen: 1.070 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU049114.D
Acq: 14 Jun 2022 15:21

Tgt Ion: 83 Resp: 16439

Ion	Ratio	Lower	Upper
83	100		
55	1.6	66.9	100.3#
98	1.2	35.5	53.3#

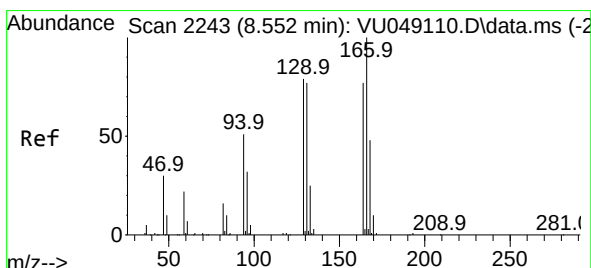
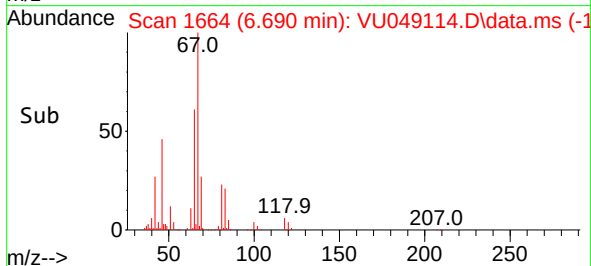
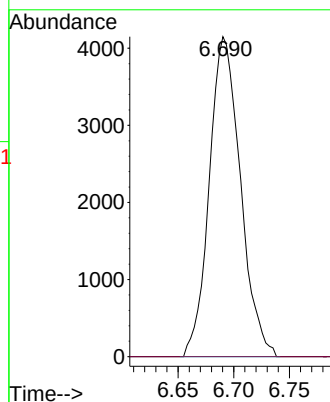
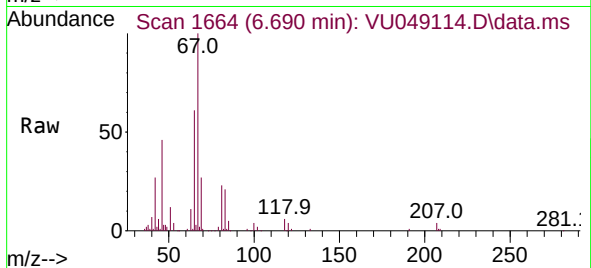




#37
1,2-Dichloropropane
Concen: 0.819 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU049114.D
Acq: 14 Jun 2022 15:21

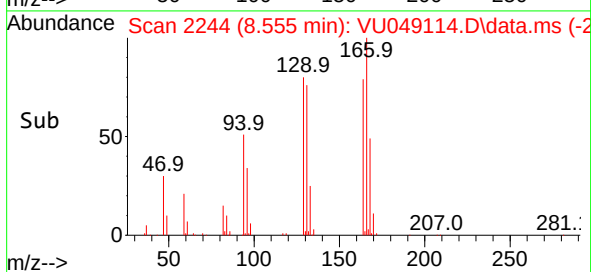
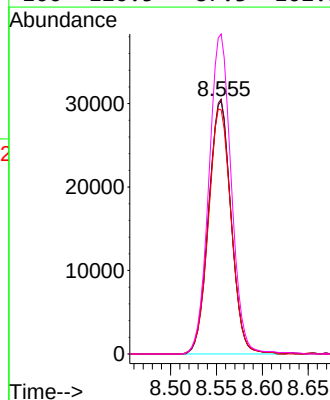
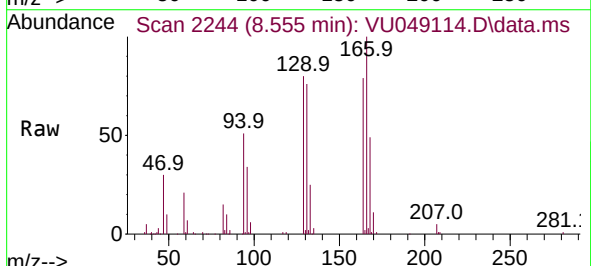
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MSVOA_U
ClientSampleId :

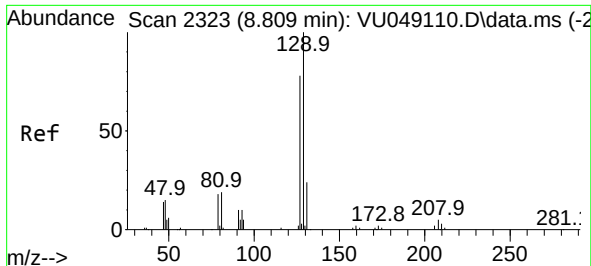
Tgt Ion: 63 Resp: 8071
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#47
Tetrachloroethene
Concen: 8.155 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049114.D
Acq: 14 Jun 2022 15:21

Tgt Ion: 164 Resp: 51540
Ion Ratio Lower Upper
164 100
129 100.8 69.8 129.6
131 96.5 67.8 125.8
166 126.5 87.3 162.1





#49

Dibromochloromethane

Concen: 6.627 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049114.D

Acq: 14 Jun 2022 15:21

Instrument :

MSVOA_U

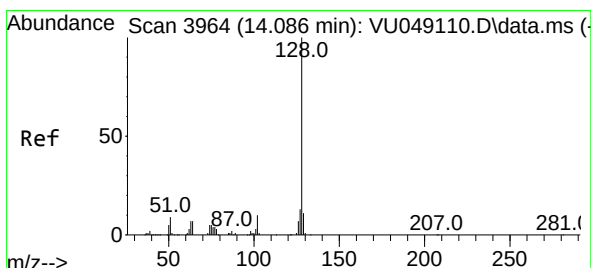
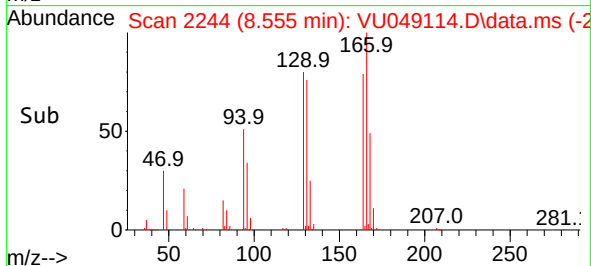
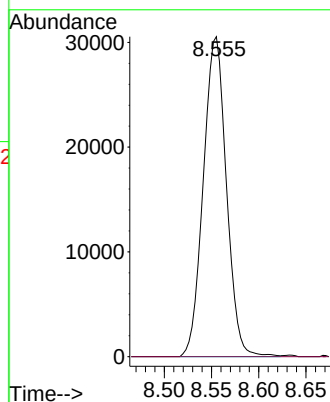
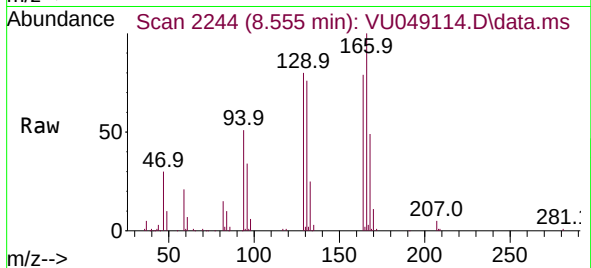
ClientSampleId :

Tgt Ion:129 Resp: 51927

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#71

Naphthalene

Concen: 0.220 ug/L

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min

Lab File: VU049114.D

Acq: 14 Jun 2022 15:21

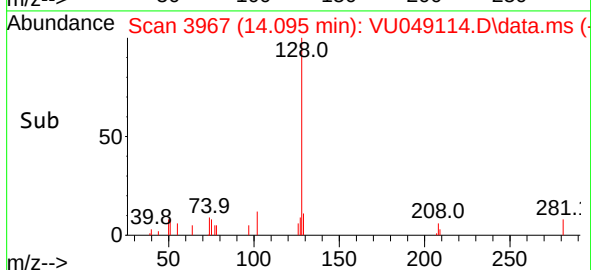
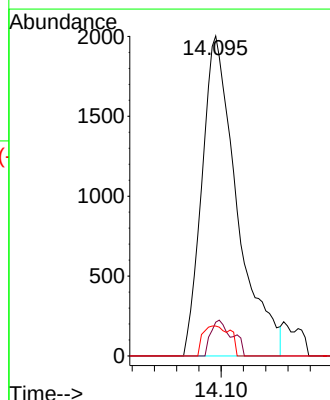
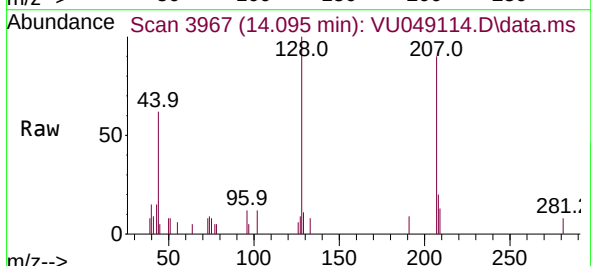
Tgt Ion:128 Resp: 4369

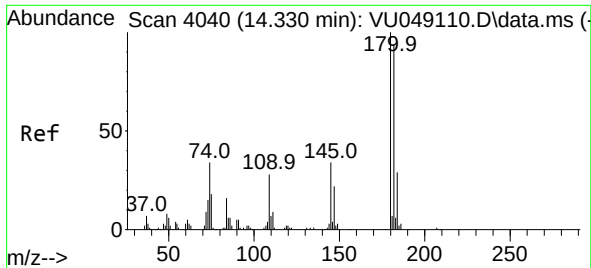
Ion Ratio Lower Upper

128 100

129 6.8 9.0 13.6#

127 7.3 10.2 15.4#





#72

1,2,3-Trichlorobenzene

Concen: 0.120 ug/L

RT: 14.336 min Scan# 4042

Delta R.T. 0.006 min

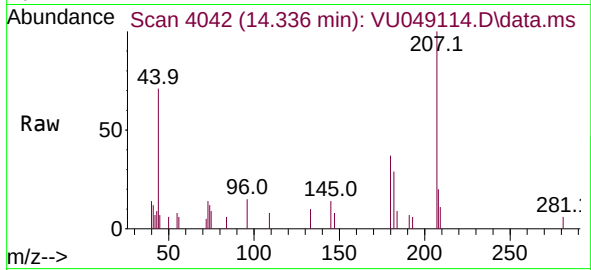
Lab File: VU049114.D

Acq: 14 Jun 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 1128

Ion Ratio Lower Upper

180 100

182 90.2 75.6 113.4

145 37.5 27.9 41.9

