

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070522\
 Data File : VU049619.D
 Acq On : 05 Jul 2022 15:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK

Quant Time: Jul 06 07:48:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

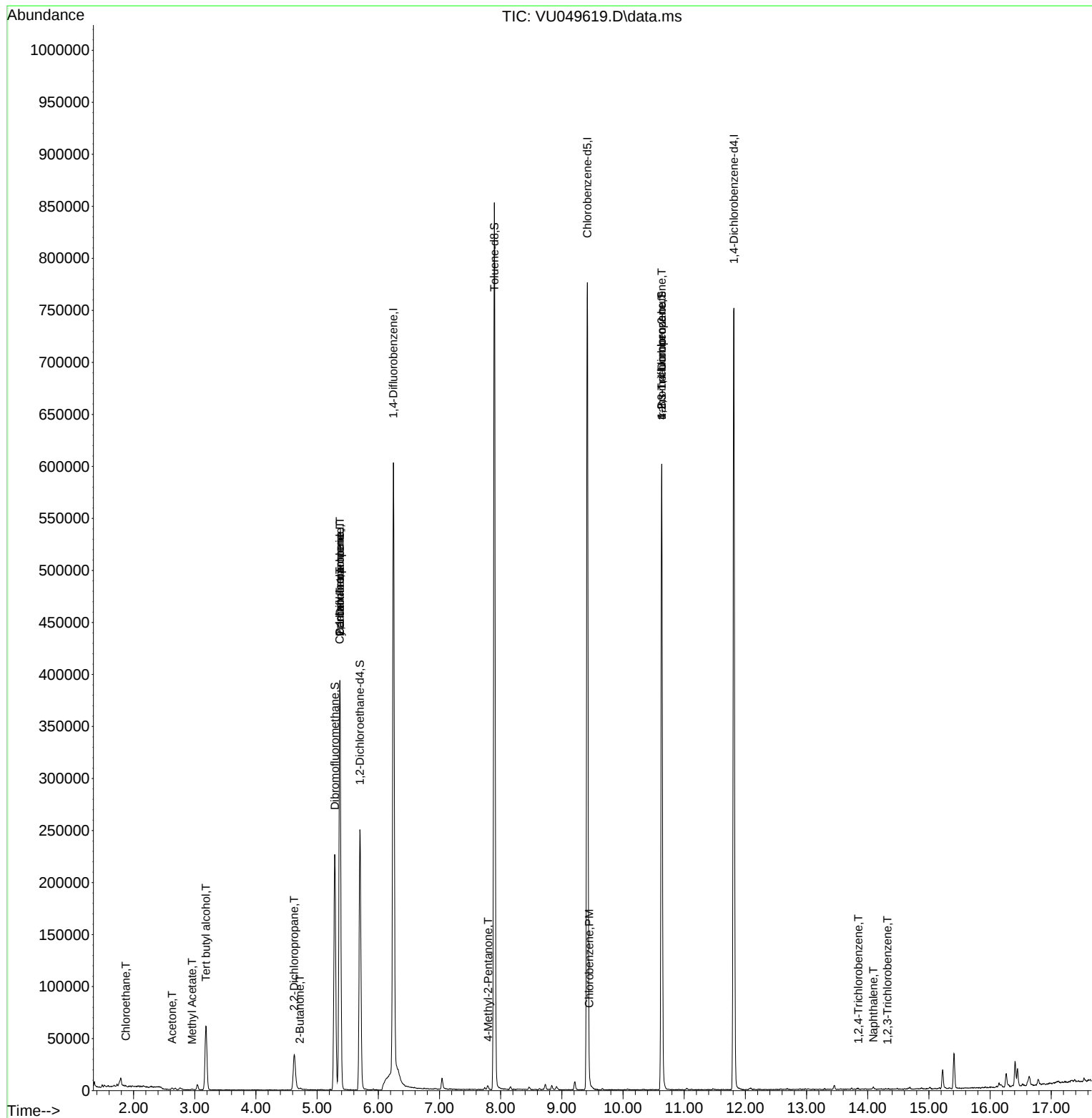
Internal Standards						
1) Pentafluorobenzene	5.372	168	271217	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	471331	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	427654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	196079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	181766	43.517	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.040%
35) Dibromofluoromethane	5.289	113	148499	45.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.060%
50) Toluene-d8	7.896	98	565547	48.085	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.160%
62) 4-Bromofluorobenzene	10.632	95	205522	45.616	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1868	Below Cal	#	88
6) Chloroethane	1.874	64	124	1.974	ug/l #	44
11) Tert butyl alcohol	3.183	59	36951	37.796	ug/l #	38
16) Acetone	2.630	43	1978	0.939	ug/l #	87
18) Methyl Acetate	2.954	43	1365	0.239	ug/l #	56
20) Methylene Chloride	3.044	84	2173	Below Cal	#	81
25) 2-Butanone	4.716	43	664	0.210	ug/l #	45
26) 2,2-Dichloropropane	4.623	77	2247	0.413	ug/l #	52
31) Cyclohexane	5.369	56	5304	0.846	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	22808	4.770	ug/l #	48
38) Carbon Tetrachloride	5.372	117	27165	5.417	ug/l #	15
51) 4-Methyl-2-Pentanone	7.797	43	1837	0.287	ug/l #	71
65) Chlorobenzene	9.446	112	1786	0.204	ug/l	90
76) 1,2,3-Trichloropropane	10.632	75	104663	15.746	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	104663	58.149	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.844	180	146	1.786	ug/l #	51
95) Naphthalene	14.092	128	2204	1.875	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.324	180	42	1.186	ug/l #	1

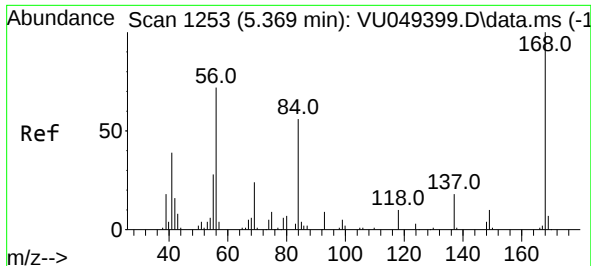
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 28 10:35:43 2022
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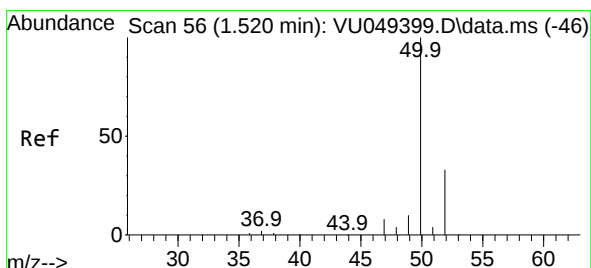
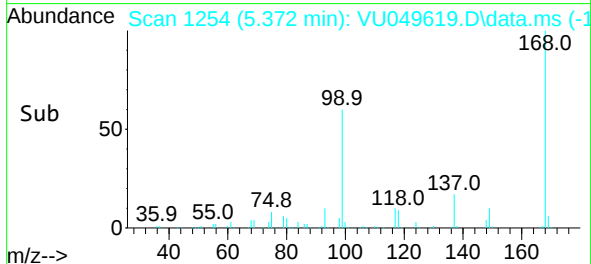
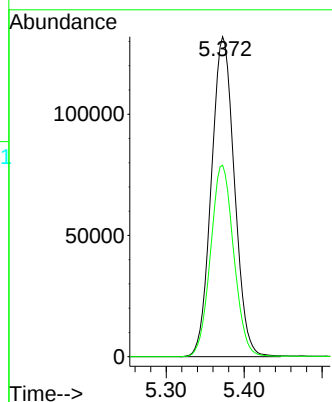
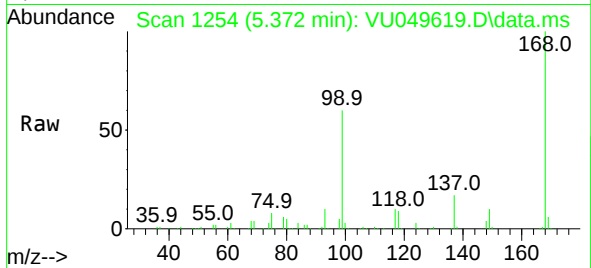




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

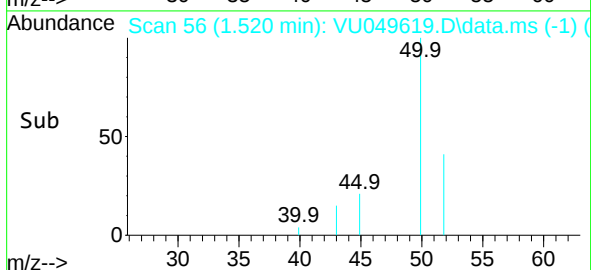
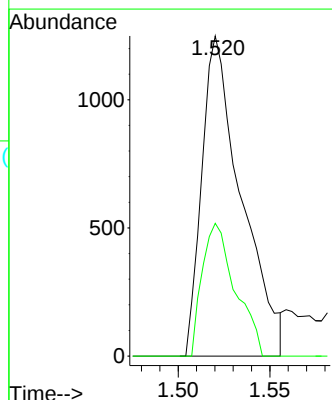
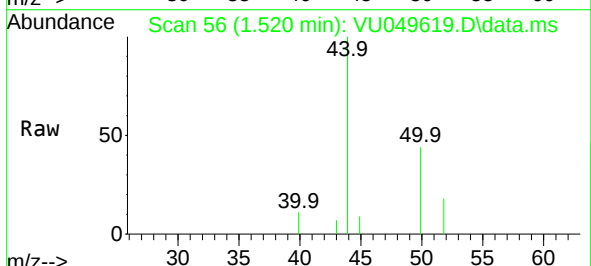
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 271217
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 50 Resp: 1868
Ion Ratio Lower Upper
50 100
52 41.5 27.4 41.2#

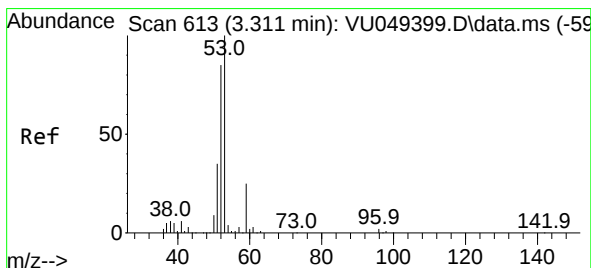
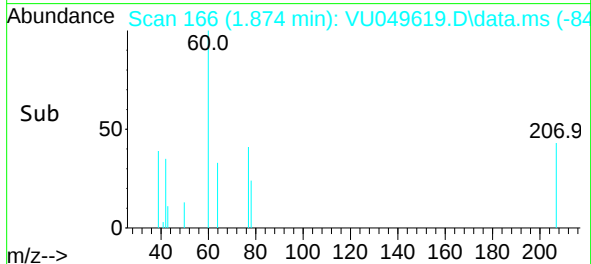
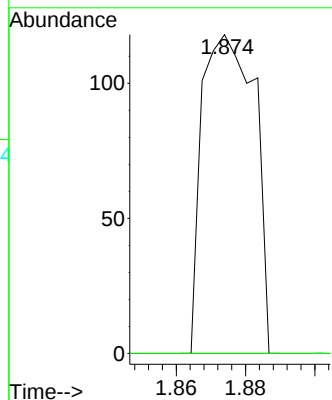
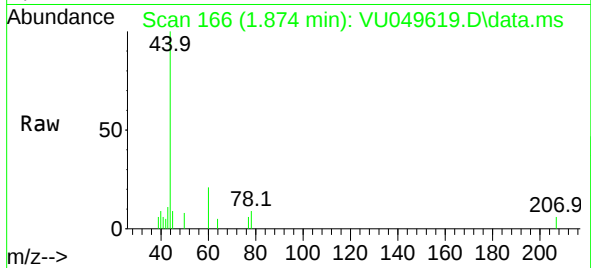




#6
Chloroethane
Concen: 1.974 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.035 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

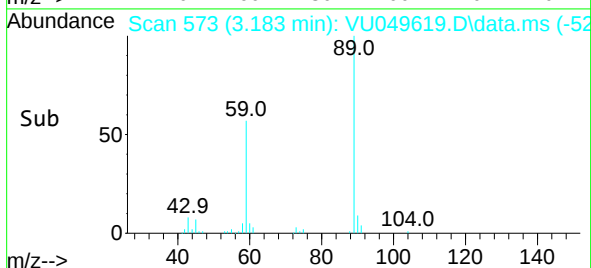
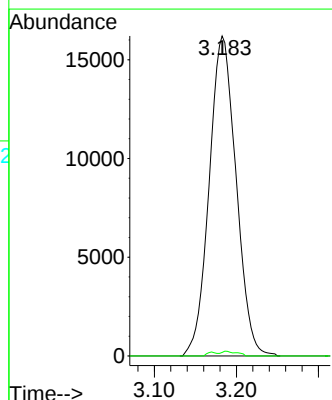
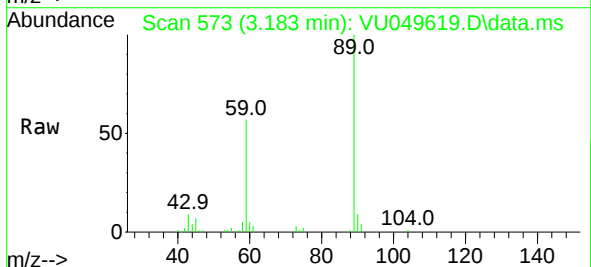
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

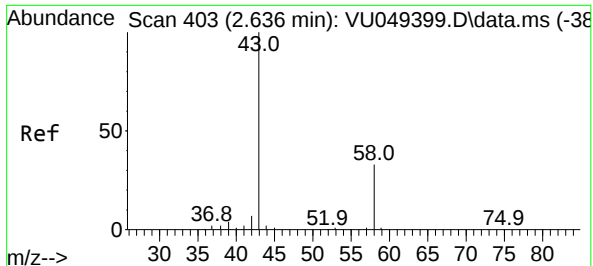
Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 37.796 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.128 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 59 Resp: 36951
Ion Ratio Lower Upper
59 100
57 0.9 30.6 45.8#

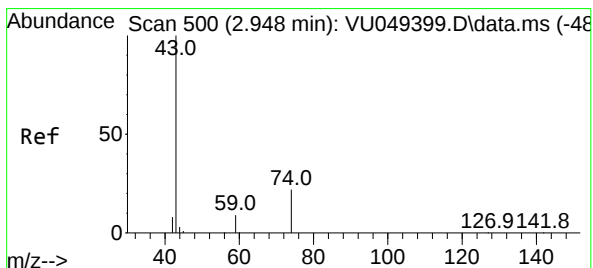
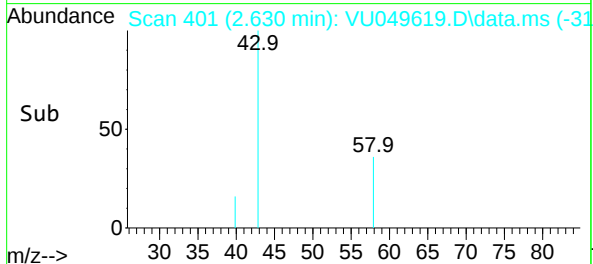
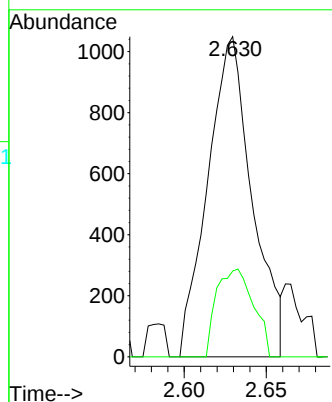
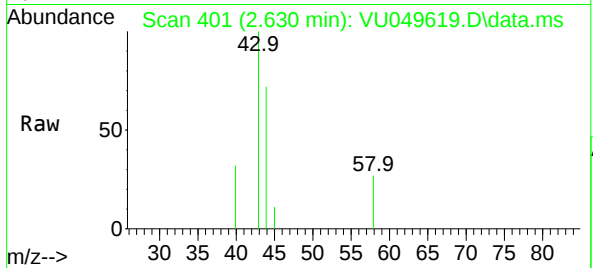




#16
Acetone
Concen: 0.939 ug/l
RT: 2.630 min Scan# 403
Delta R.T. -0.006 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

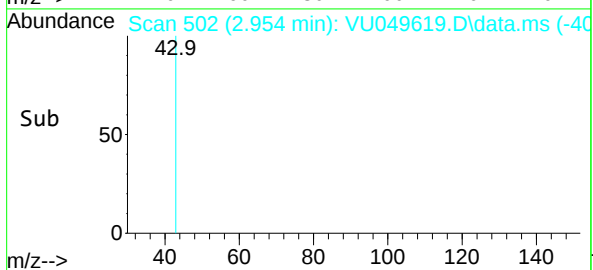
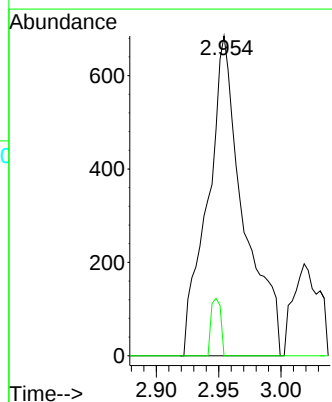
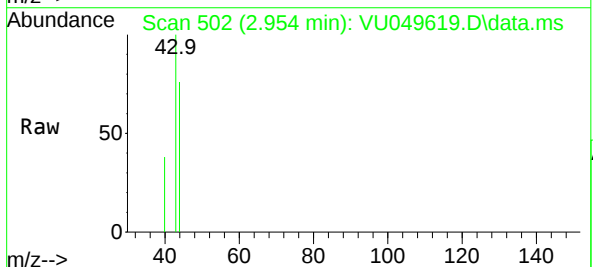
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

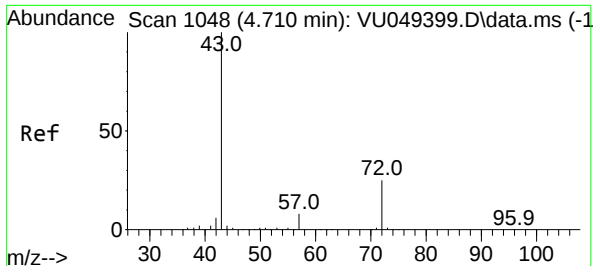
Tgt Ion: 43 Resp: 1978
Ion Ratio Lower Upper
43 100
58 26.8 27.5 41.3#



#18
Methyl Acetate
Concen: 0.239 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.007 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
74 4.8 22.5 33.7#





#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.716 min Scan# 1048

Delta R.T. 0.007 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

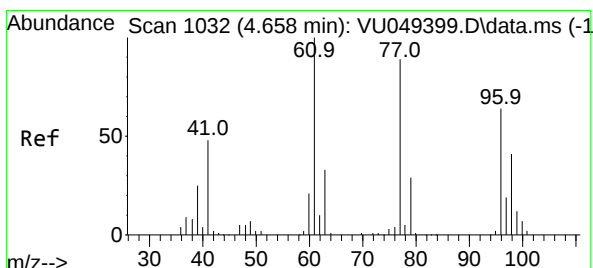
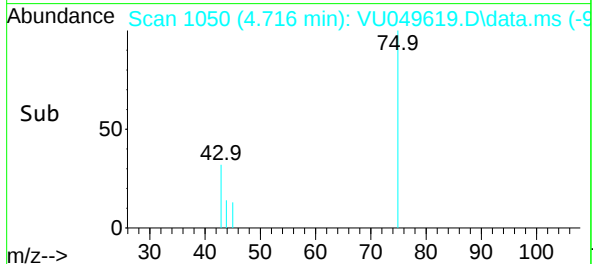
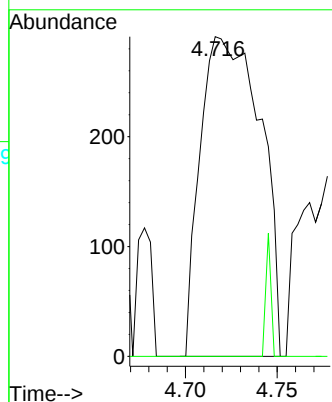
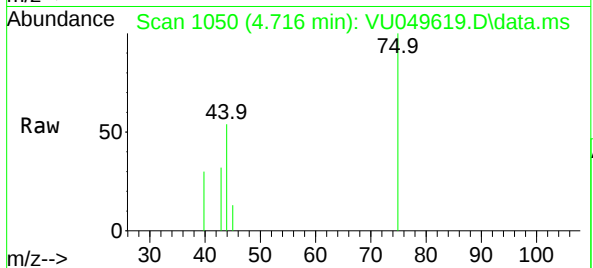
VIBLK

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#26

2,2-Dichloropropane

Concen: 0.413 ug/l

RT: 4.623 min Scan# 1021

Delta R.T. -0.035 min

Lab File: VU049619.D

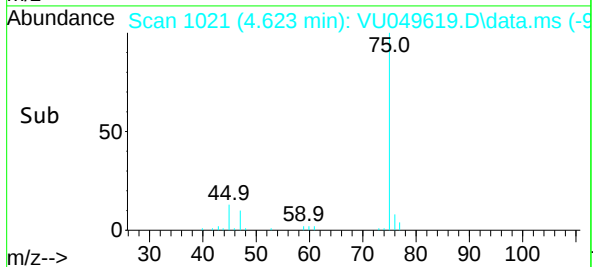
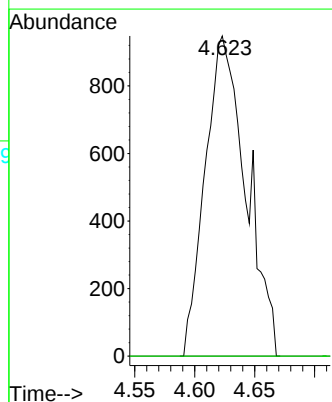
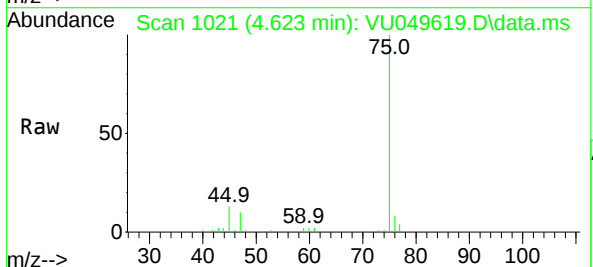
Acq: 05 Jul 2022 15:35

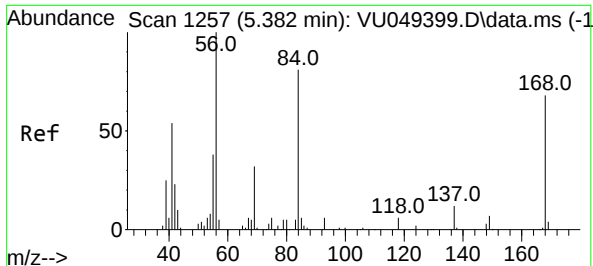
Tgt Ion: 77 Resp: 2247

Ion Ratio Lower Upper

77 100

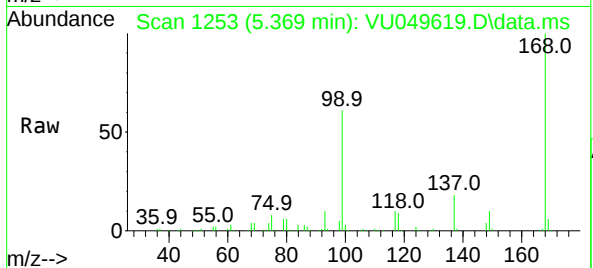
97 0.0 11.6 34.8#



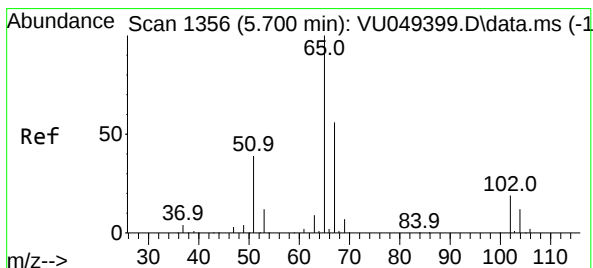
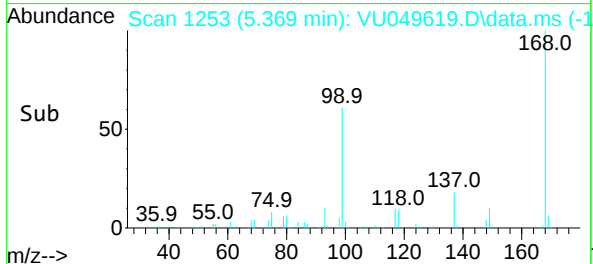
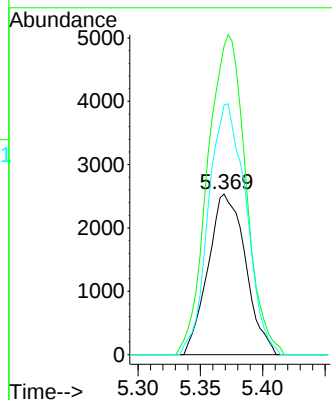


#31
Cyclohexane
Concen: 0.846 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

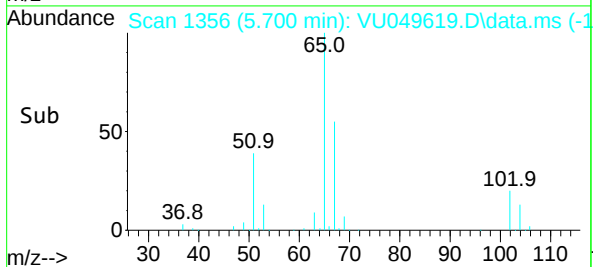
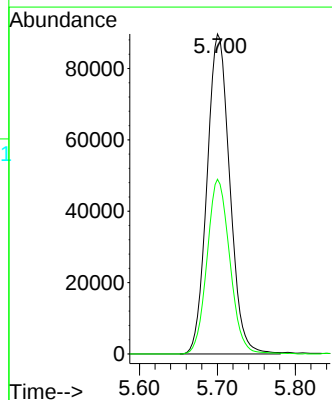
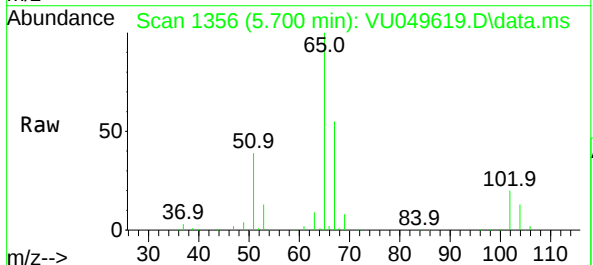


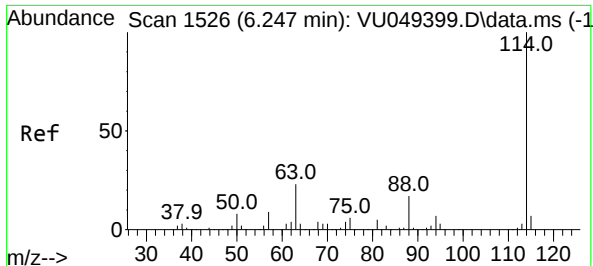
Tgt Ion: 56 Resp: 5304
Ion Ratio Lower Upper
56 100
69 187.7 27.8 41.8#
84 155.4 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 43.517 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 65 Resp: 181766
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

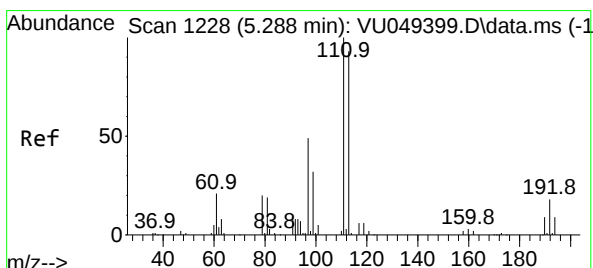
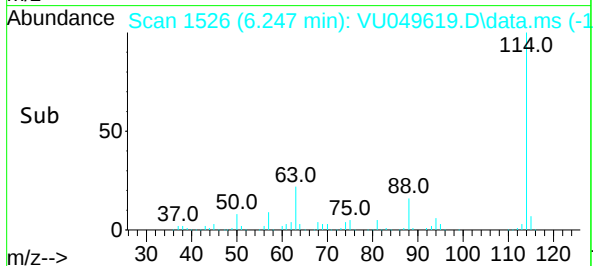
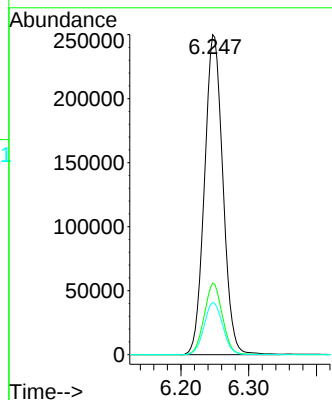
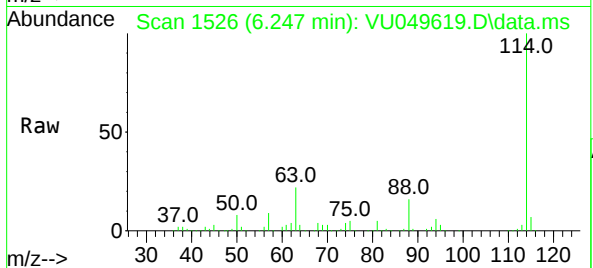
Tgt Ion:114 Resp: 471331

Ion Ratio Lower Upper

114 100

63 22.3 0.0 37.8

88 16.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.033 ug/l

RT: 5.289 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

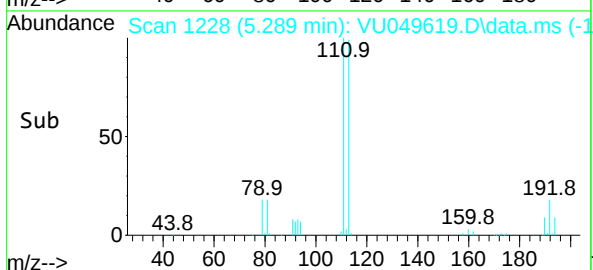
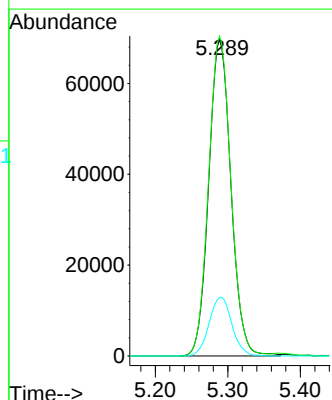
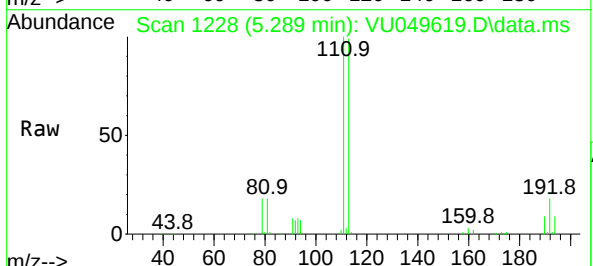
Tgt Ion:113 Resp: 148499

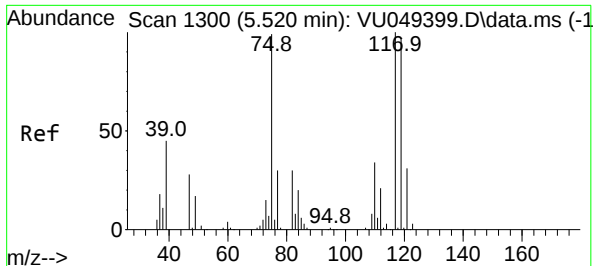
Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

192 19.1 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.770 ug/l

RT: 5.372 min Scan# 11

Delta R.T. -0.148 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

Instrument :

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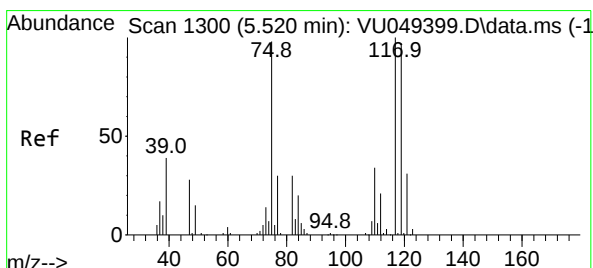
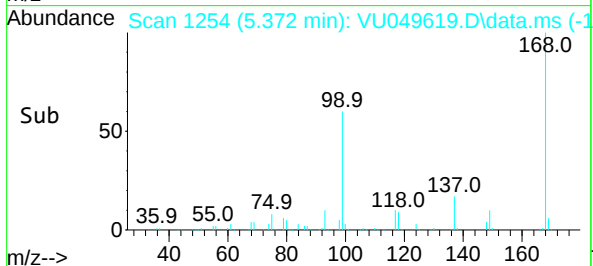
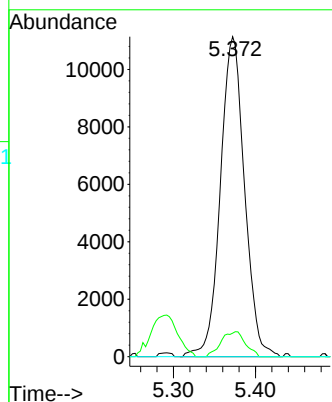
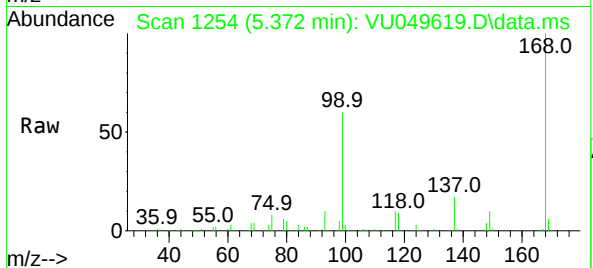
Tgt Ion: 75 Resp: 22808

Ion Ratio Lower Upper

75 100

110 7.9 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.417 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

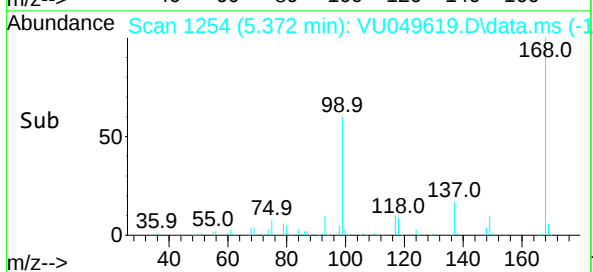
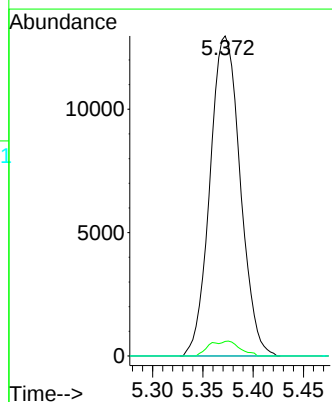
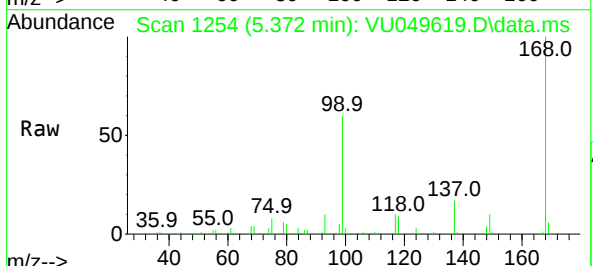
Tgt Ion: 117 Resp: 27165

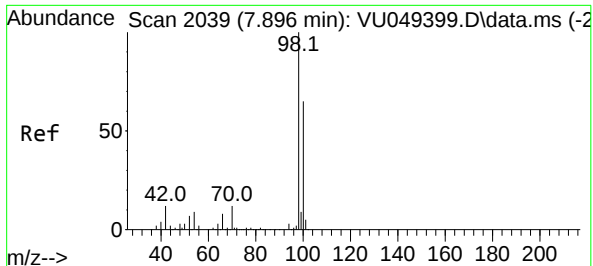
Ion Ratio Lower Upper

117 100

119 4.5 76.8 115.2#

121 0.0 24.7 37.1#

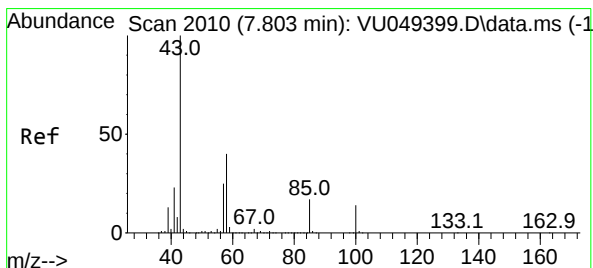
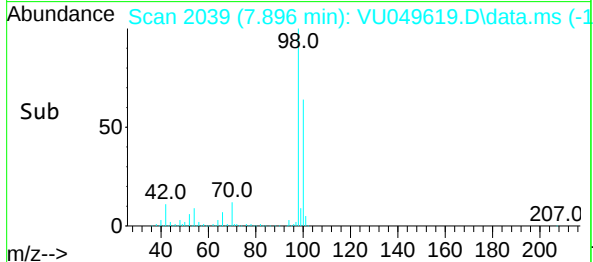
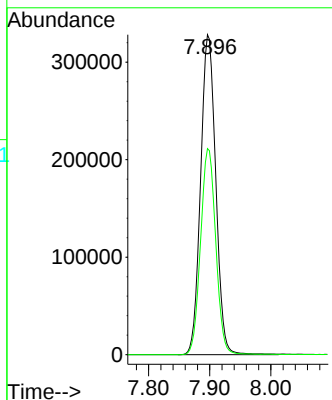
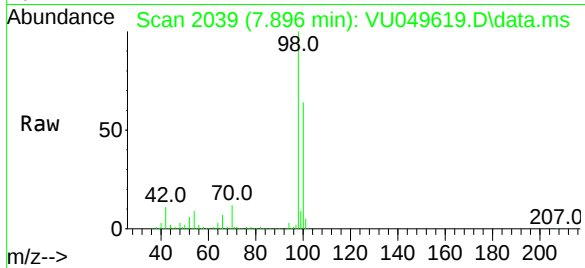




#50
Toluene-d8
Concen: 48.085 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

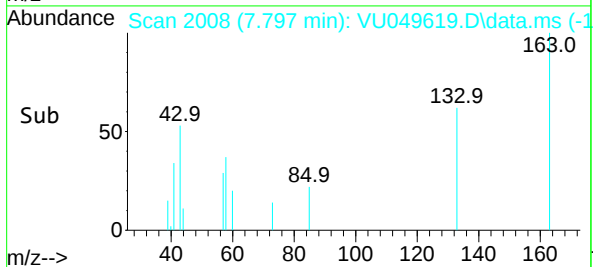
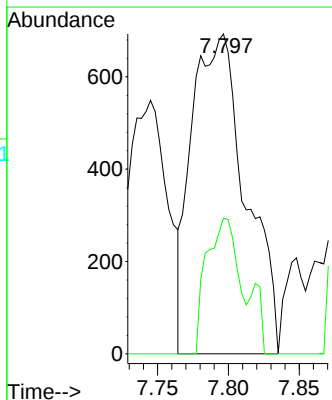
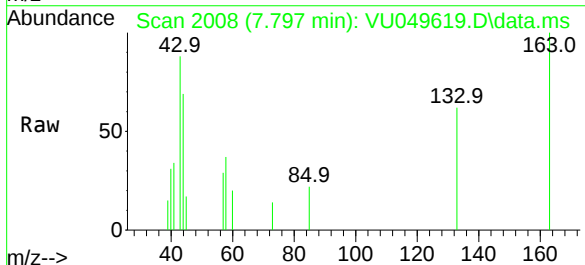
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

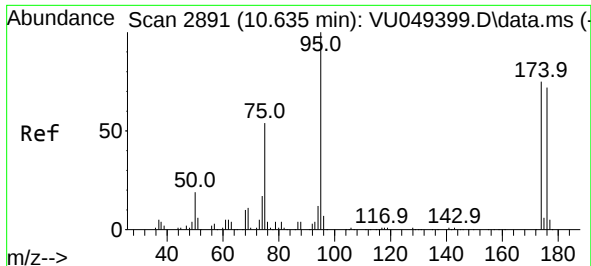
Tgt Ion: 98 Resp: 565547
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.287 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 24.8 34.7 52.1#





#62

4-Bromofluorobenzene

Concen: 45.616 ug/l

RT: 10.632 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

VIBLK

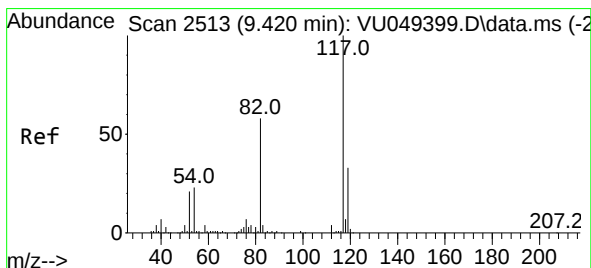
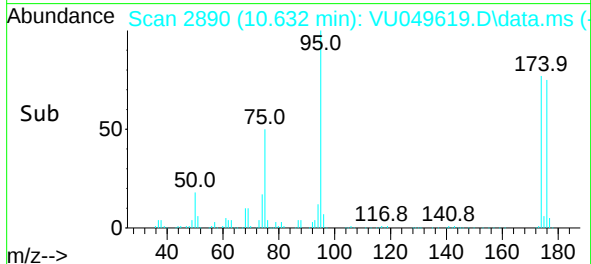
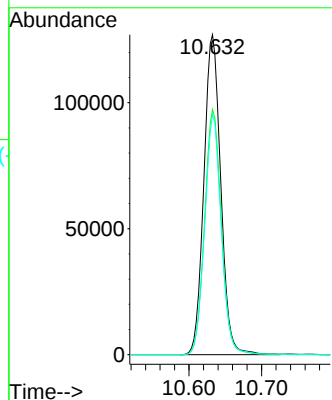
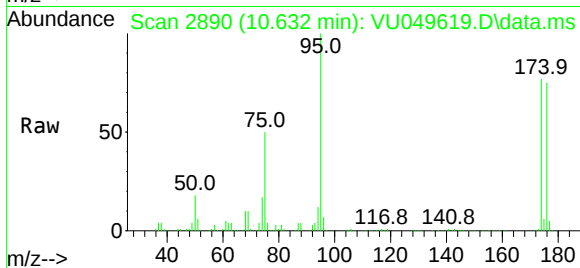
Tgt Ion: 95 Resp: 205522

Ion Ratio Lower Upper

95 100

174 76.3 0.0 182.0

176 73.6 0.0 177.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2512

Delta R.T. -0.003 min

Lab File: VU049619.D

Acq: 05 Jul 2022 15:35

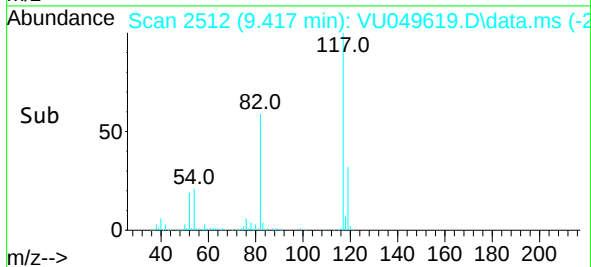
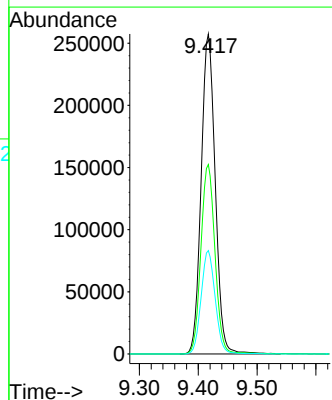
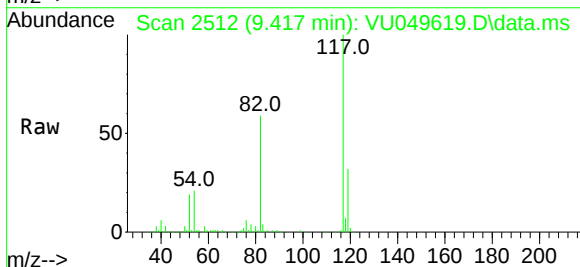
Tgt Ion: 117 Resp: 427654

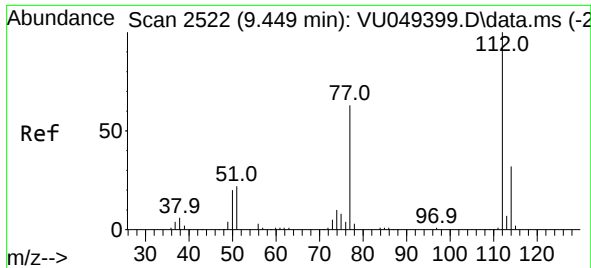
Ion Ratio Lower Upper

117 100

82 59.2 41.7 62.5

119 32.3 25.7 38.5

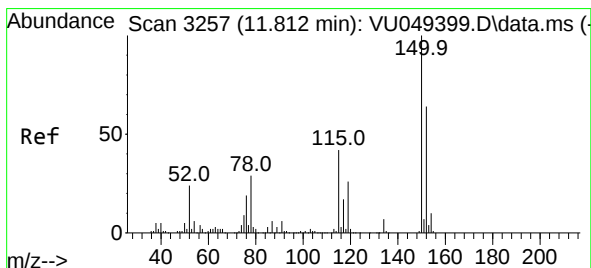
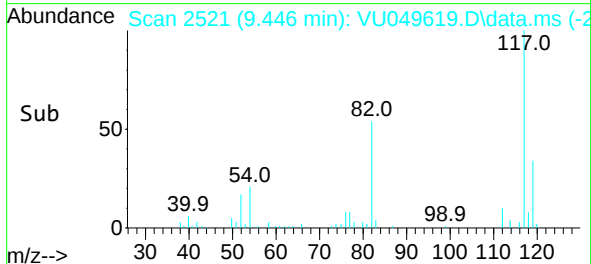
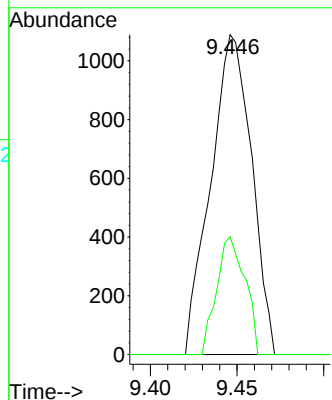
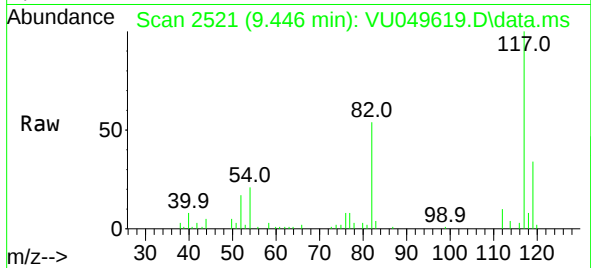




#65
Chlorobenzene
Concen: 0.204 ug/l
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

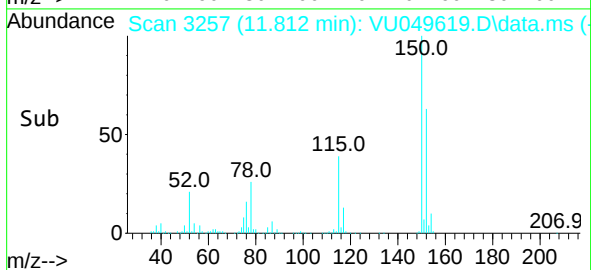
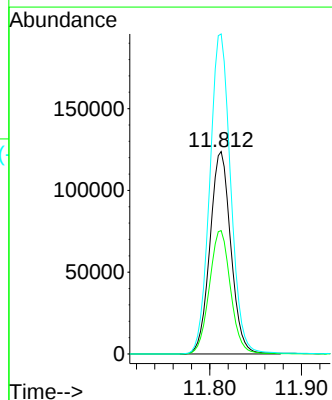
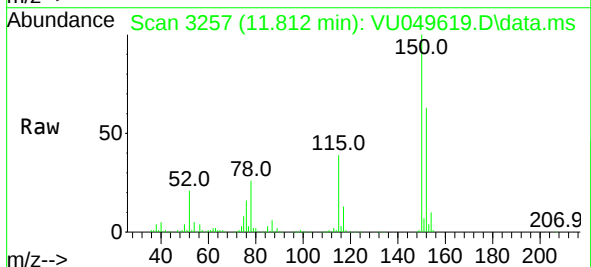
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

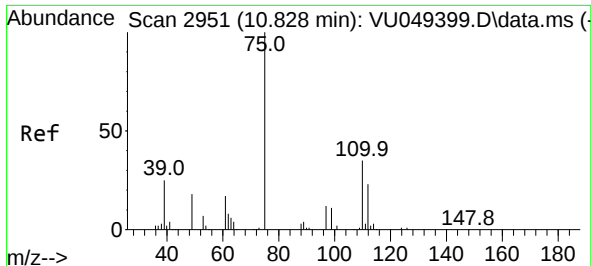
Tgt Ion:112 Resp: 1786
Ion Ratio Lower Upper
112 100
114 36.8 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion:152 Resp: 196079
Ion Ratio Lower Upper
152 100
115 61.8 37.0 110.9
150 158.8 0.0 342.2

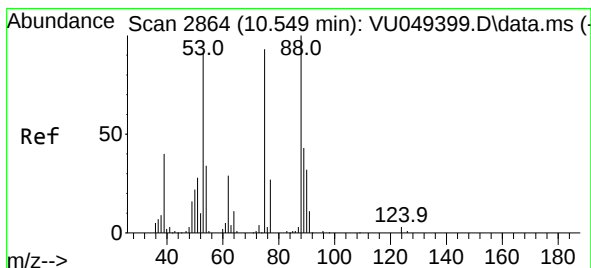
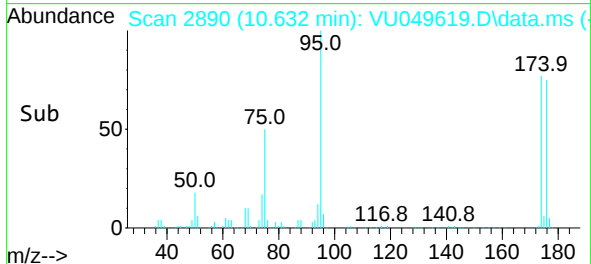
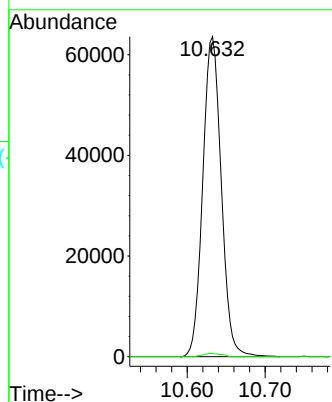
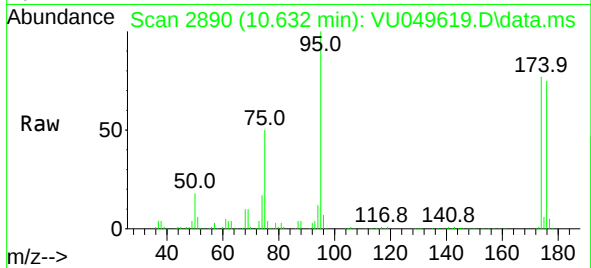




#76
1,2,3-Trichloropropane
Concen: 15.746 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

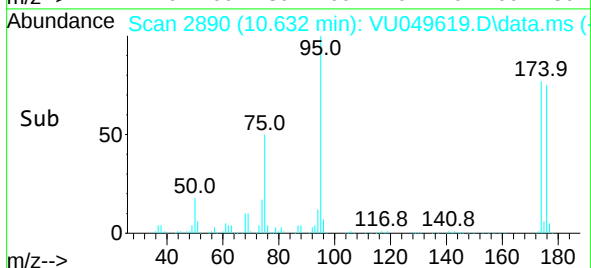
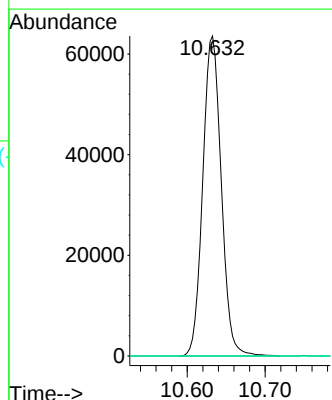
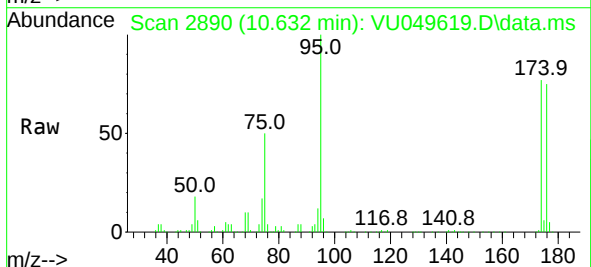
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

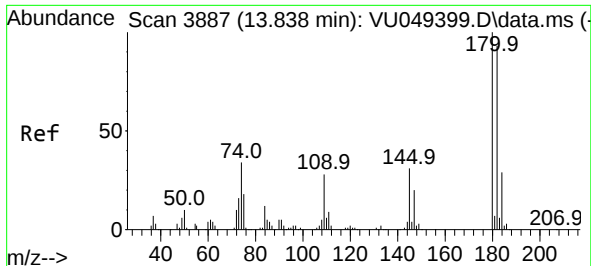
Tgt Ion: 75 Resp: 104663
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.149 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

Tgt Ion: 75 Resp: 104663
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#

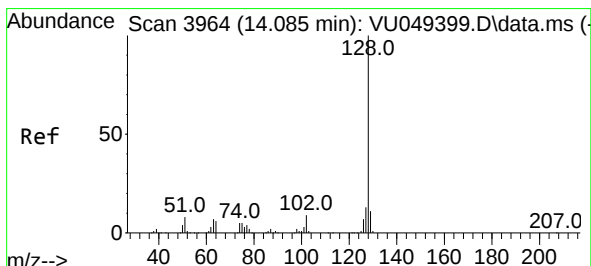
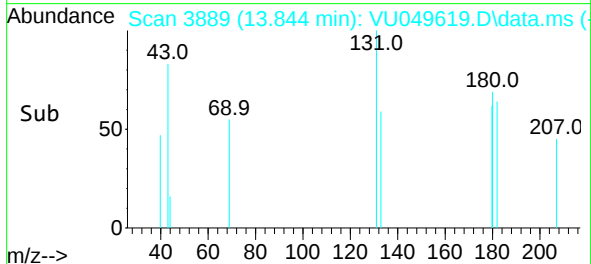
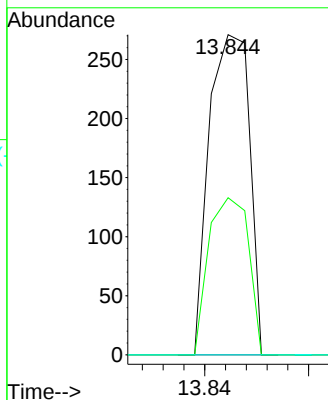
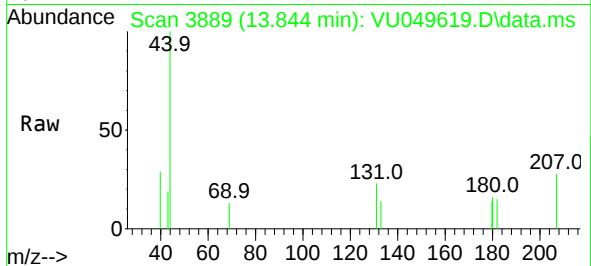




#93
1,2,4-Trichlorobenzene
Concen: 1.786 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.007 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

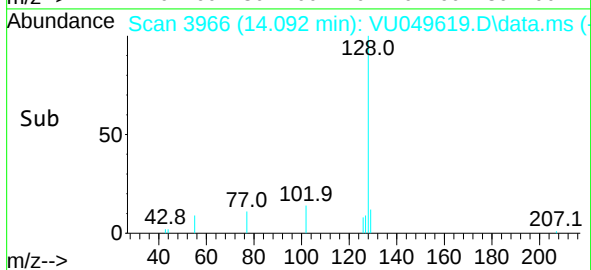
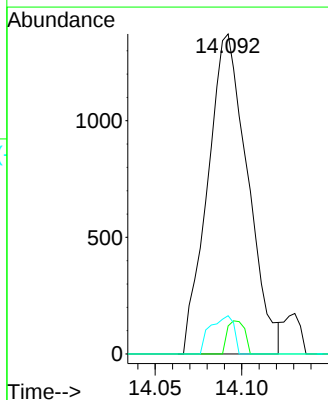
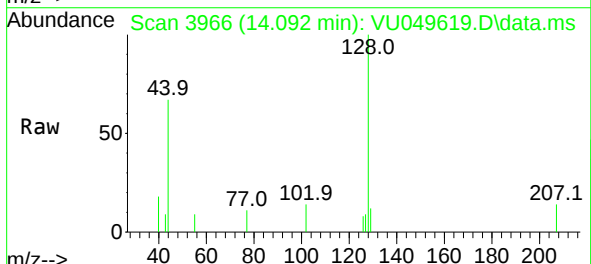
Instrument :
MSVOA_U
ClientSampleId :
VIBLK

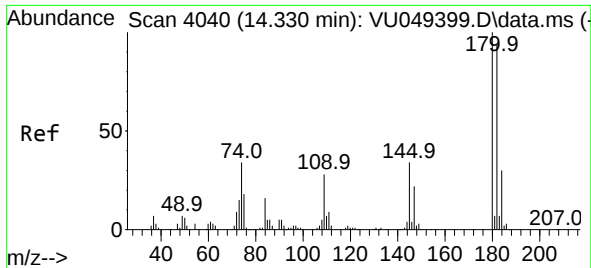
Tgt Ion	Ratio	Lower	Upper
180	100		
182	48.6	47.9	143.6
145	0.0	14.0	41.9#



#95
Naphthalene
Concen: 1.875 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049619.D
Acq: 05 Jul 2022 15:35

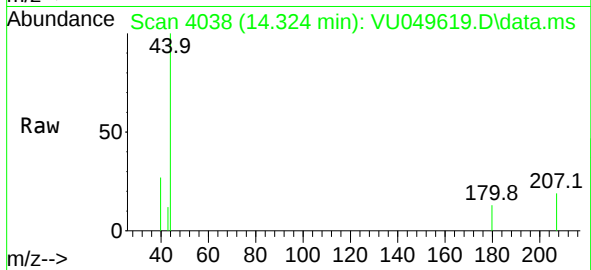
Tgt Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.3	15.5#
129	7.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.186 ug/l
 RT: 14.324 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: VU049619.D
 Acq: 05 Jul 2022 15:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK



Tgt Ion:180 Resp: 42
 Ion Ratio Lower Upper
 180 100
 182 207.1 48.4 145.0#
 145 0.0 14.8 44.4#

