

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049546.D
 Acq On : 30 Jun 2022 05:29
 Operator : SY/MD
 Sample : N3505-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-20220624

Quant Time: Jun 30 09:13:43 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)

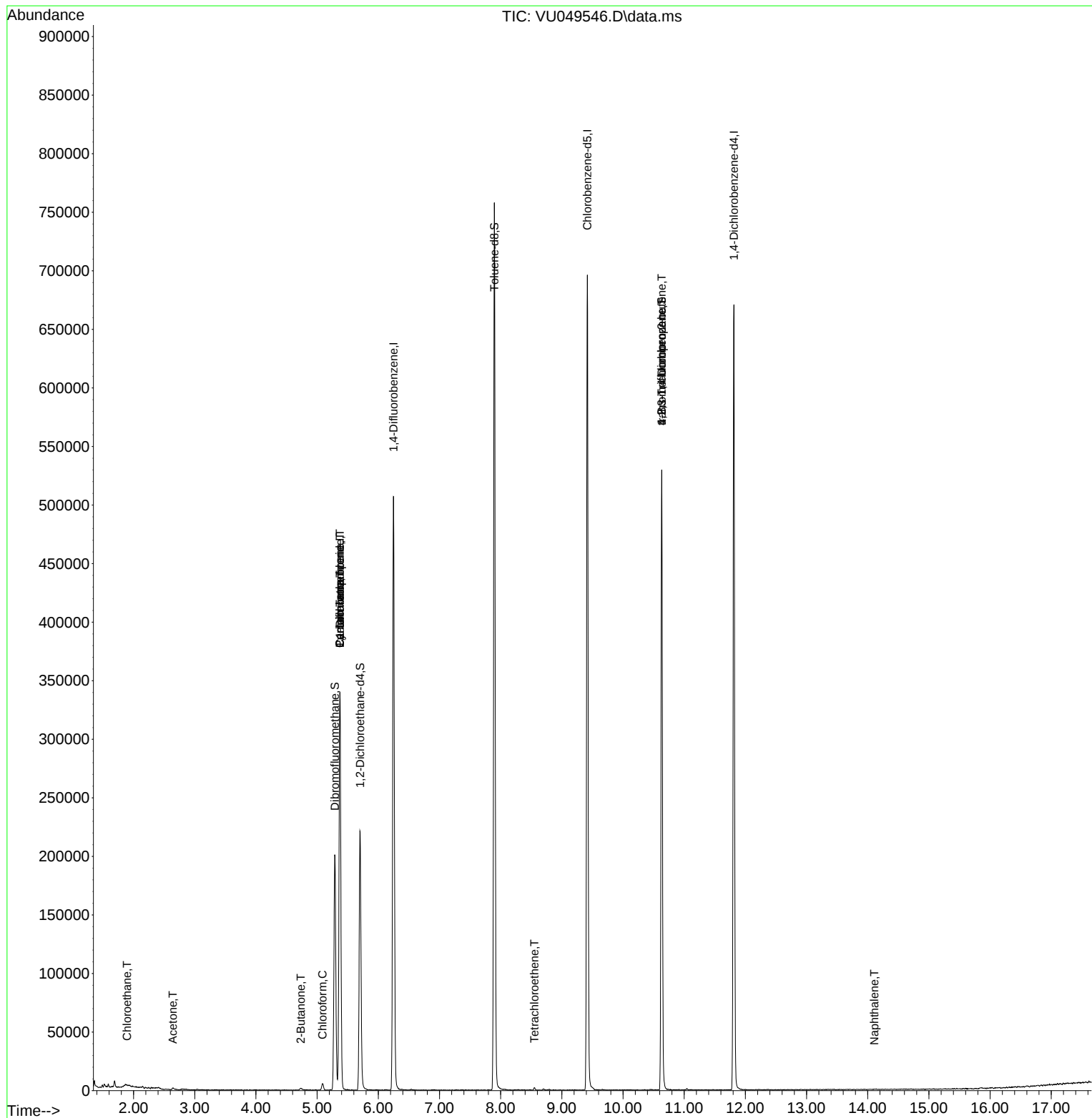
Internal Standards						
1) Pentafluorobenzene	5.372	168	232400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	415134	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	381275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	178233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	168637	47.117	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.288	113	132648	45.672	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.340%
50) Toluene-d8	7.896	98	499644	48.232	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.460%
62) 4-Bromofluorobenzene	10.632	95	181598	45.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	2278	Below Cal		91
6) Chloroethane	1.893	64	40	1.938	ug/l #	44
16) Acetone	2.642	43	2141	1.186	ug/l #	82
20) Methylene Chloride	3.044	84	179	Below Cal	#	64
25) 2-Butanone	4.732	43	3527	1.304	ug/l #	83
30) Chloroform	5.089	83	5159	0.932	ug/l	95
31) Cyclohexane	5.372	56	4989	0.928	ug/l #	1
36) 1,1-Dichloropropene	5.372	75	19195	4.558	ug/l #	48
38) Carbon Tetrachloride	5.372	117	23525	5.327	ug/l #	16
64) Tetrachloroethene	8.552	164	500	0.204	ug/l #	82
76) 1,2,3-Trichloropropane	10.632	75	93381	15.455	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	93381	57.075	ug/l #	15
95) Naphthalene	14.108	128	296	1.756	ug/l #	69

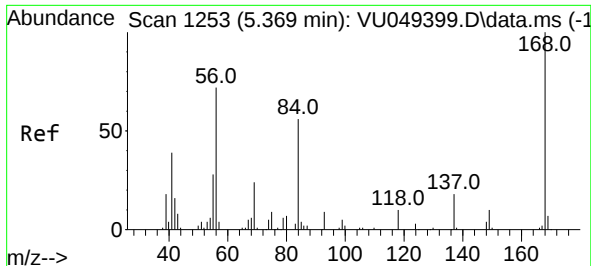
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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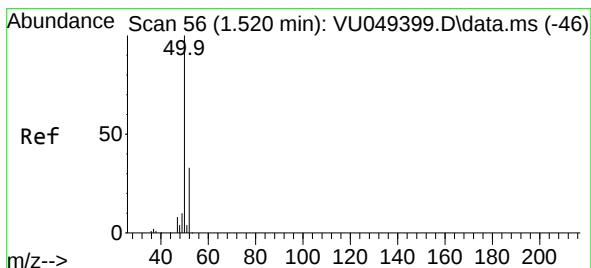
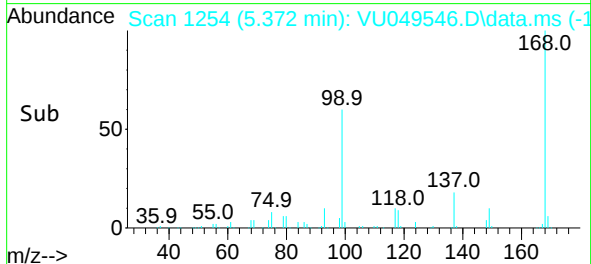
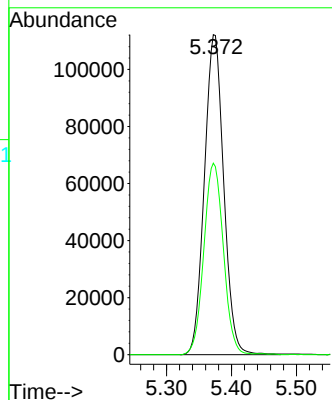
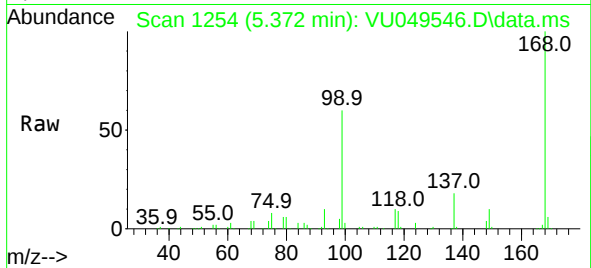




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

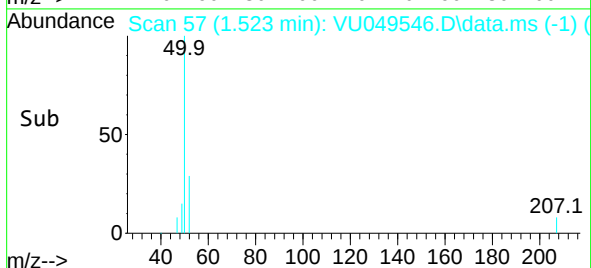
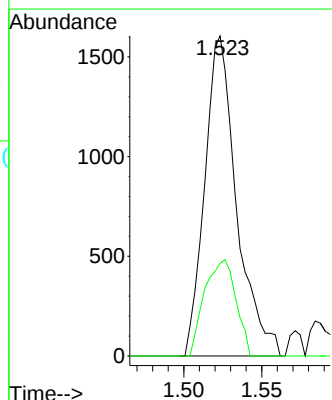
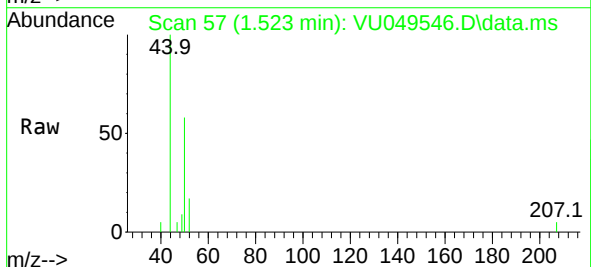
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

Tgt Ion:168 Resp: 232400
Ion Ratio Lower Upper
168 100
99 59.8 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Tgt Ion: 50 Resp: 2278
Ion Ratio Lower Upper
50 100
52 29.0 27.4 41.2

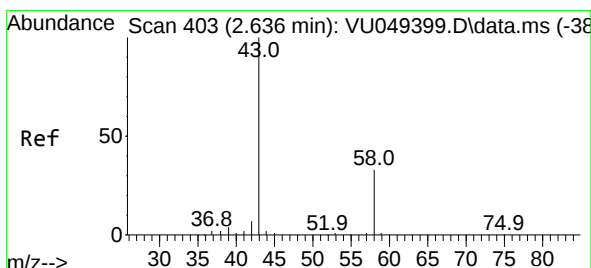
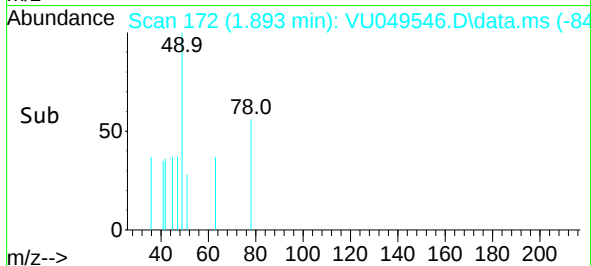
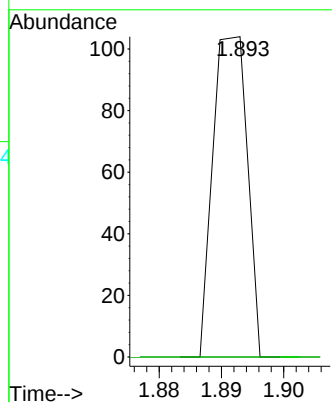
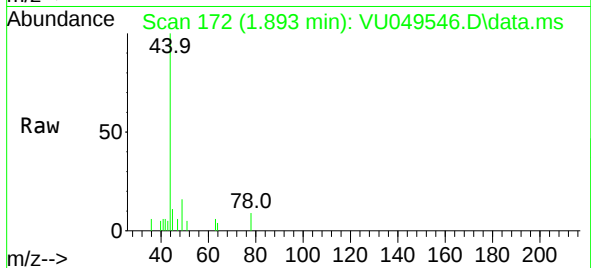




#6
Chloroethane
Concen: 1.938 ug/l
RT: 1.893 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

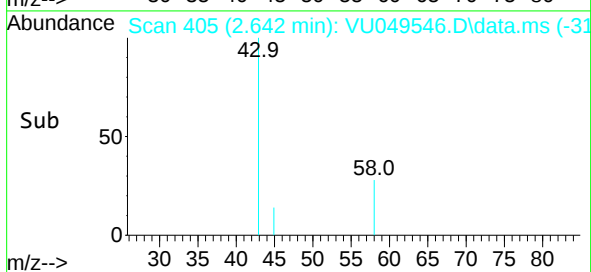
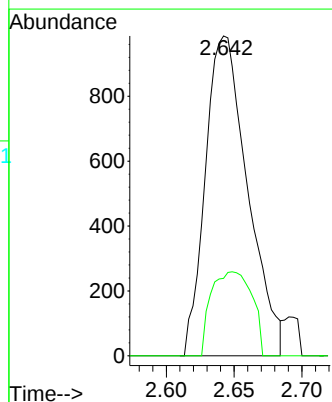
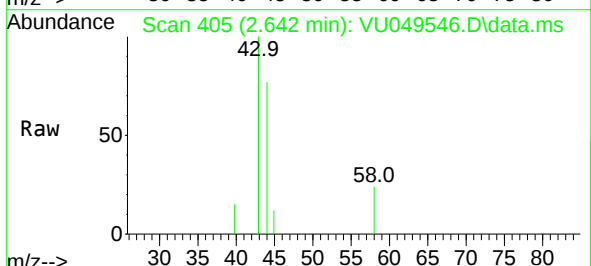
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

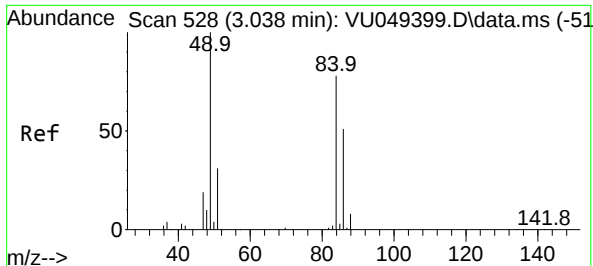
Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#16
Acetone
Concen: 1.186 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 24.2 27.5 41.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 3.044 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU049546.D

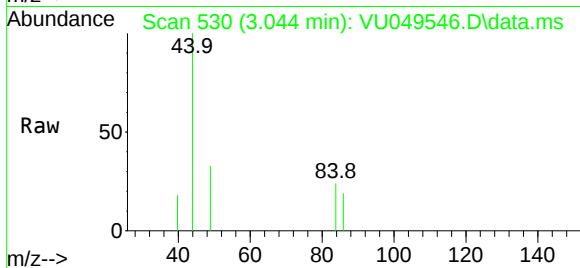
Acq: 30 Jun 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

MW-1-20220624



Tgt Ion: 84 Resp: 179

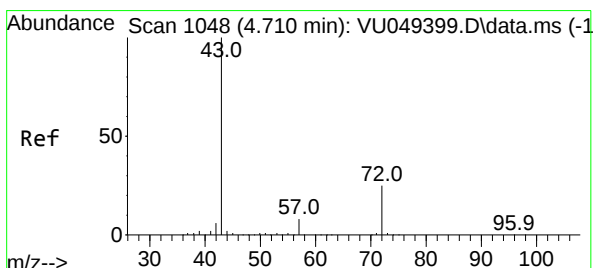
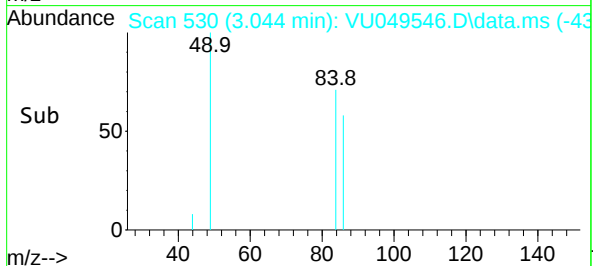
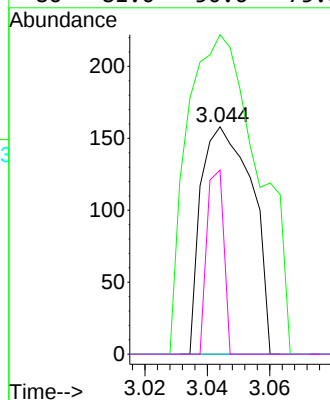
Ion Ratio Lower Upper

84 100

49 70.3 86.6 129.8#

51 0.0 26.6 40.0#

86 81.0 50.6 75.8#



#25

2-Butanone

Concen: 1.304 ug/l

RT: 4.732 min Scan# 1055

Delta R.T. 0.022 min

Lab File: VU049546.D

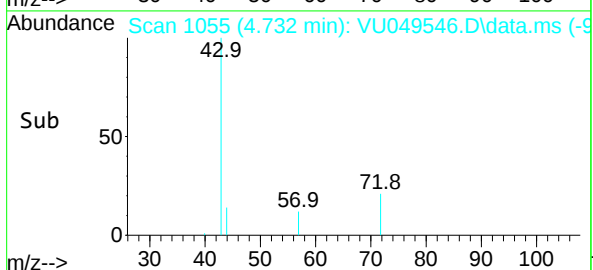
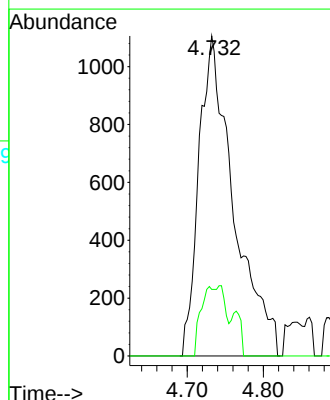
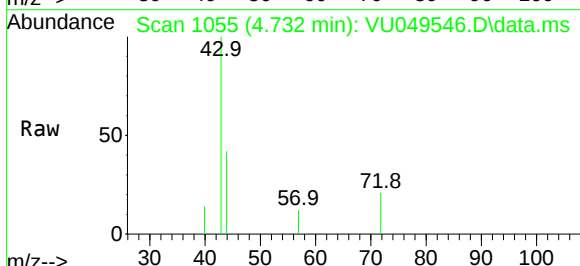
Acq: 30 Jun 2022 05:29

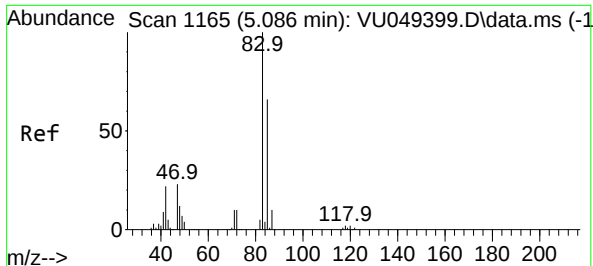
Tgt Ion: 43 Resp: 3527

Ion Ratio Lower Upper

43 100

72 20.8 23.8 35.6#





#30

Chloroform

Concen: 0.932 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

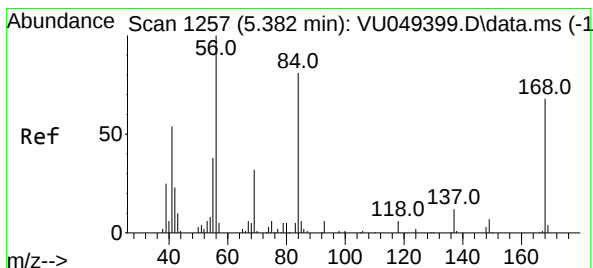
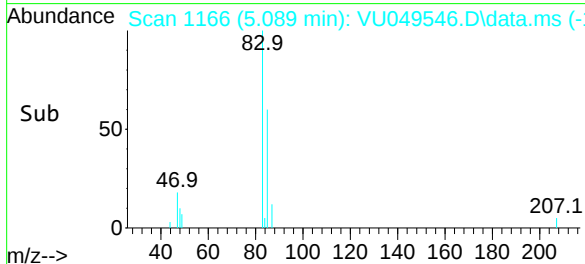
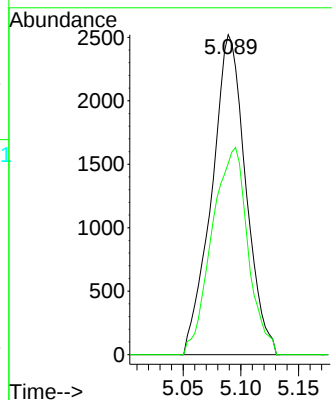
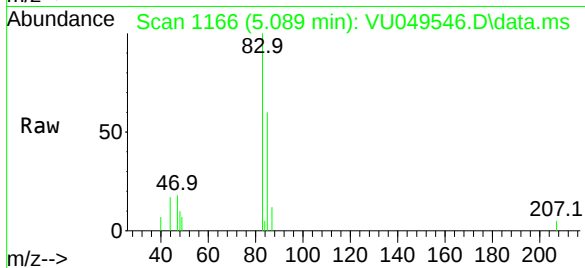
MW-1-20220624

Tgt Ion: 83 Resp: 5159

Ion Ratio Lower Upper

83 100

85 59.7 51.2 76.8



#31

Cyclohexane

Concen: 0.928 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.010 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

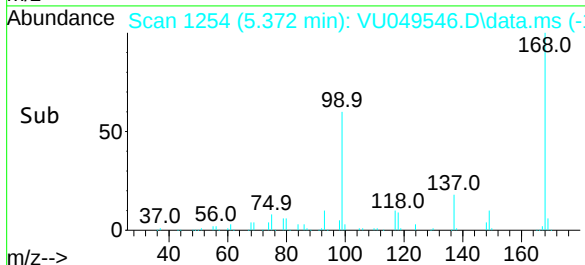
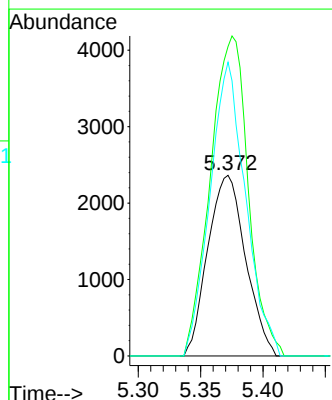
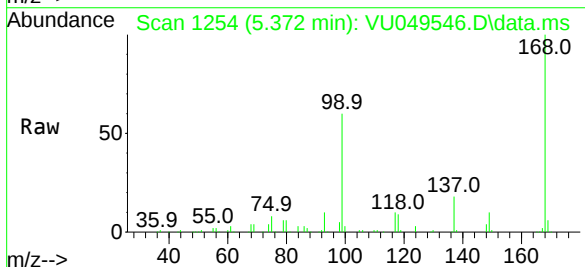
Tgt Ion: 56 Resp: 4989

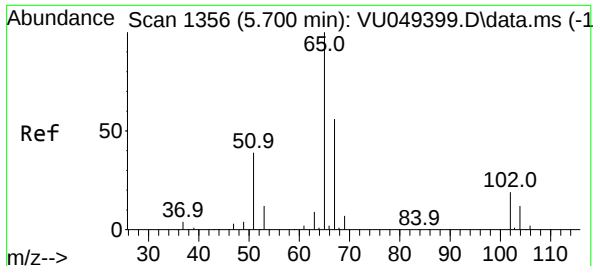
Ion Ratio Lower Upper

56 100

69 171.2 27.8 41.8#

84 162.6 74.2 111.4#





#33

1,2-Dichloroethane-d4

Concen: 47.117 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

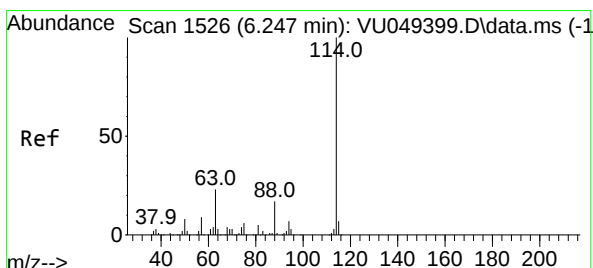
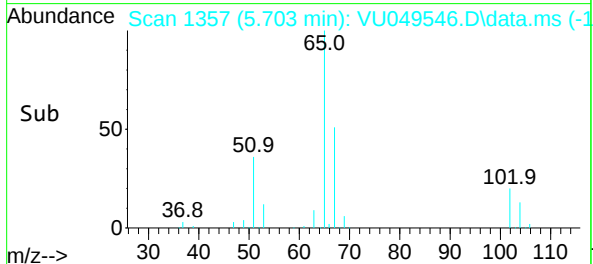
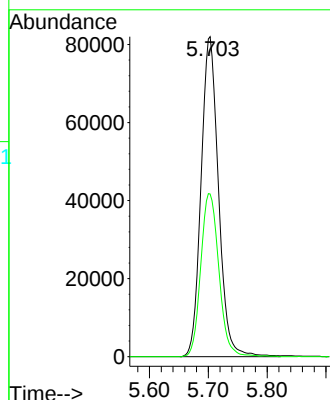
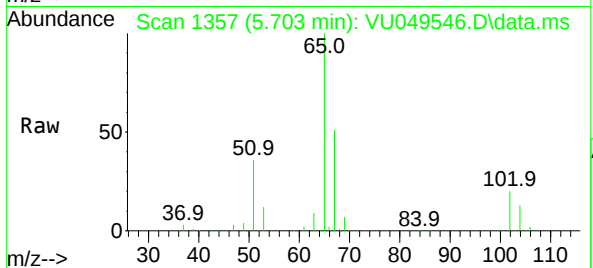
MW-1-20220624

Tgt Ion: 65 Resp: 168637

Ion Ratio Lower Upper

65 100

67 52.9 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

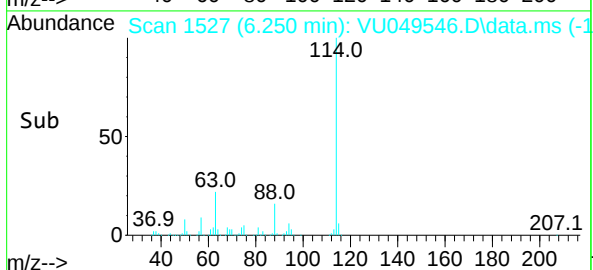
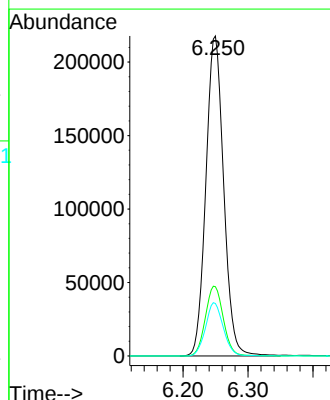
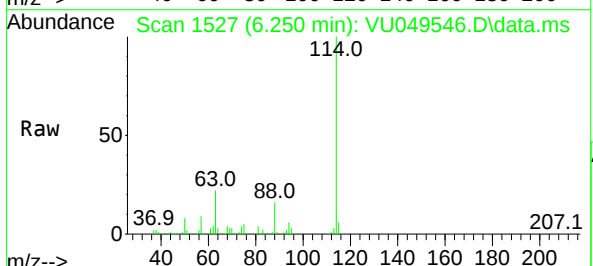
Tgt Ion: 114 Resp: 415134

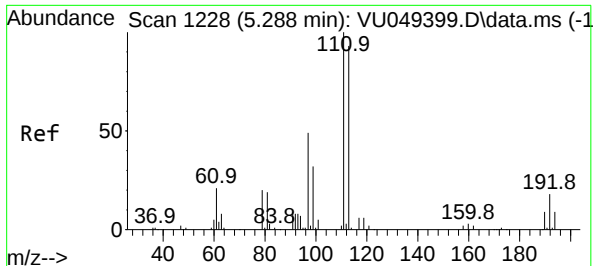
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.672 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

Instrument :

MSVOA_U

ClientSampleId :

MW-1-20220624

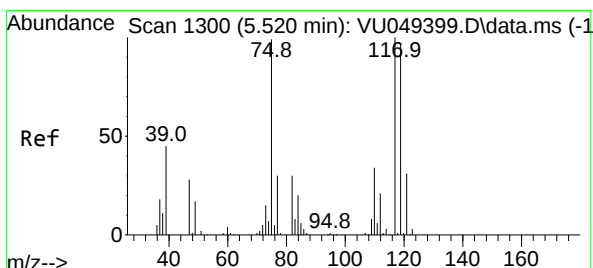
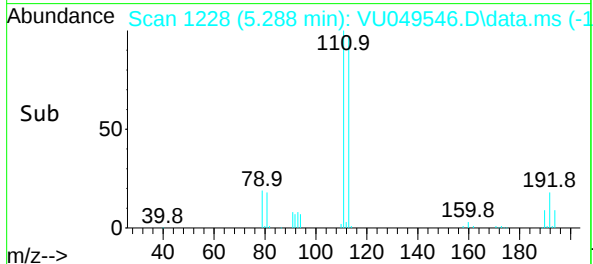
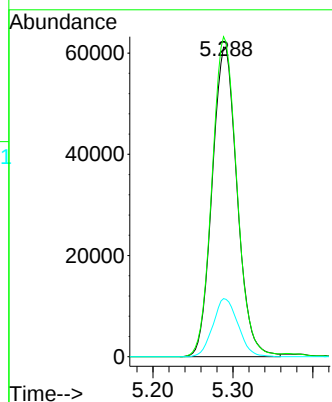
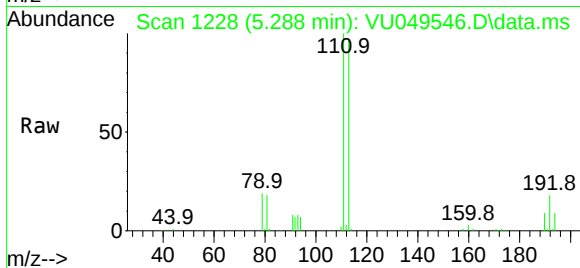
Tgt Ion:113 Resp: 132648

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 18.8 18.0 27.0



#36

1,1-Dichloropropene

Concen: 4.558 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049546.D

Acq: 30 Jun 2022 05:29

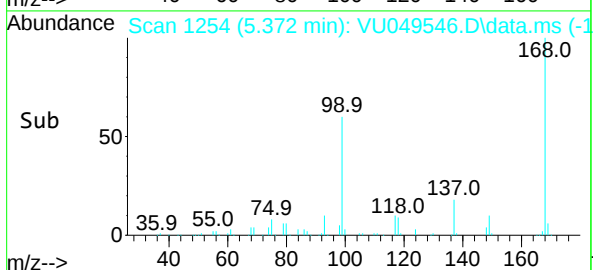
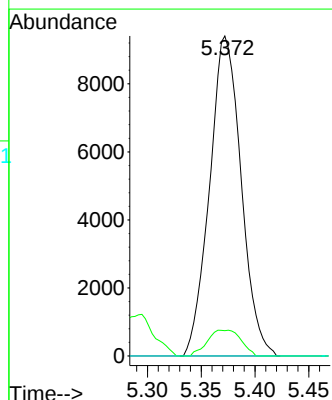
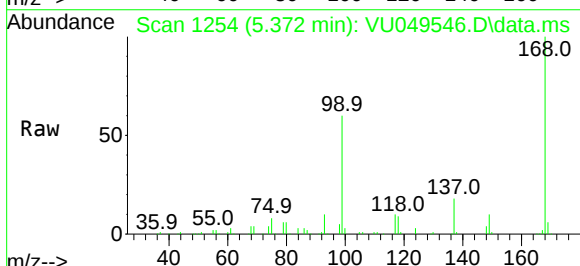
Tgt Ion: 75 Resp: 19195

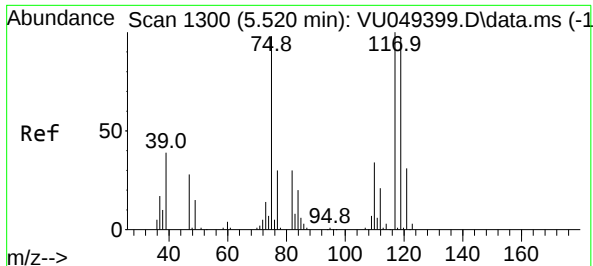
Ion Ratio Lower Upper

75 100

110 8.6 18.4 55.2#

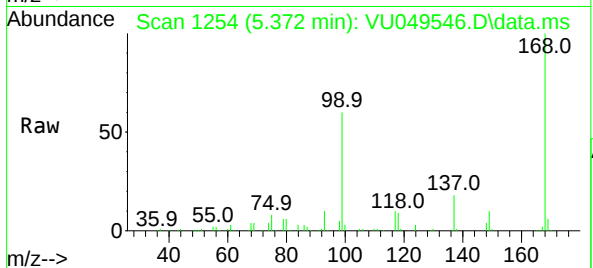
77 0.0 25.1 37.7#



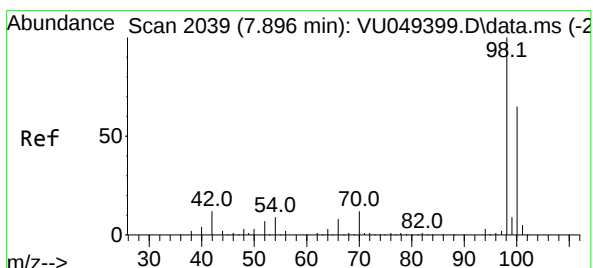
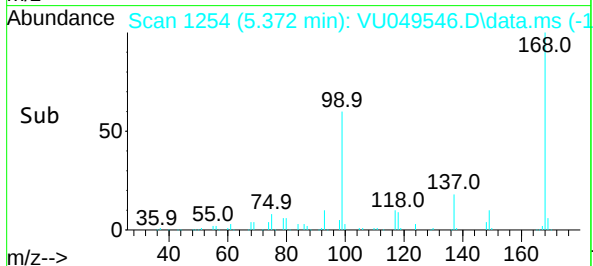
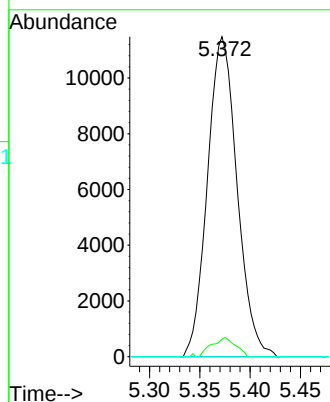


#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

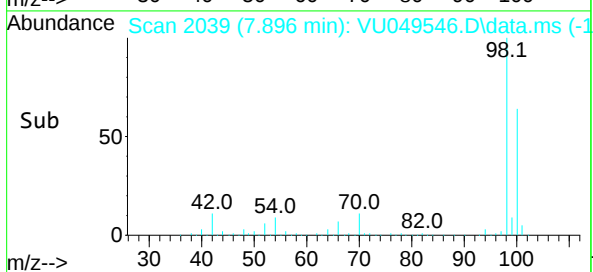
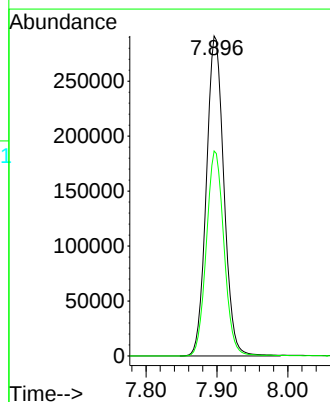
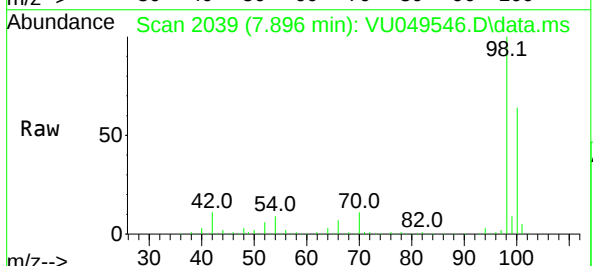


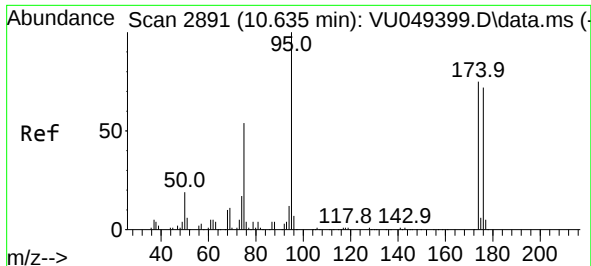
Tgt Ion:117 Resp: 23525
Ion Ratio Lower Upper
117 100
119 5.5 76.8 115.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.232 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Tgt Ion: 98 Resp: 499644
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

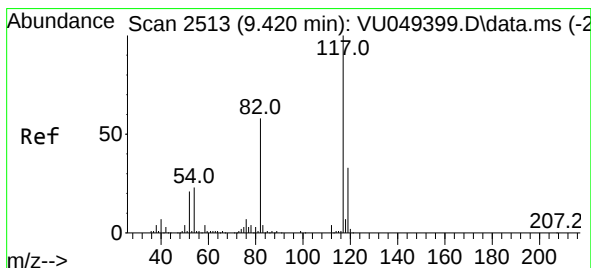
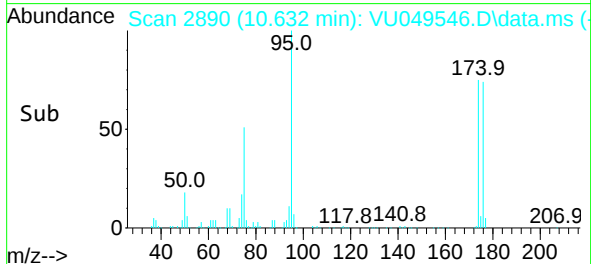
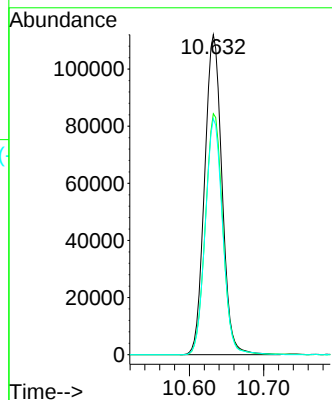
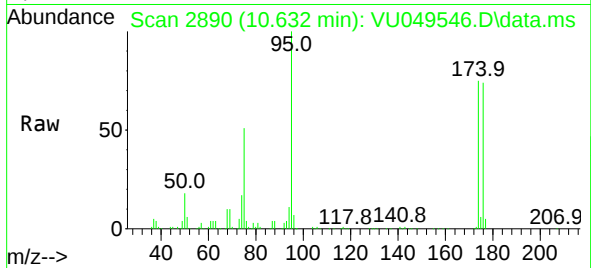




#62
4-Bromofluorobenzene
Concen: 45.763 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

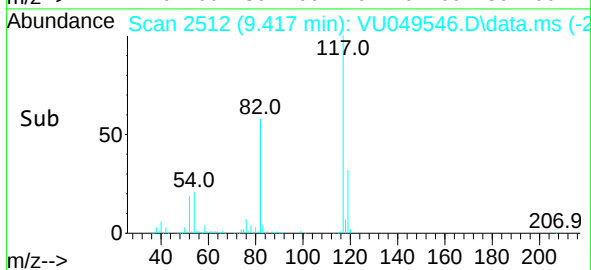
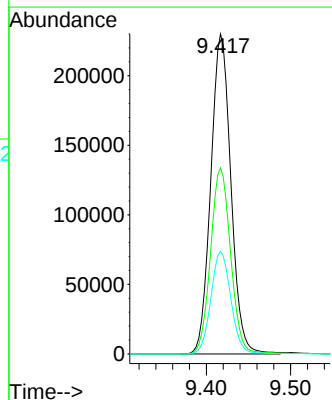
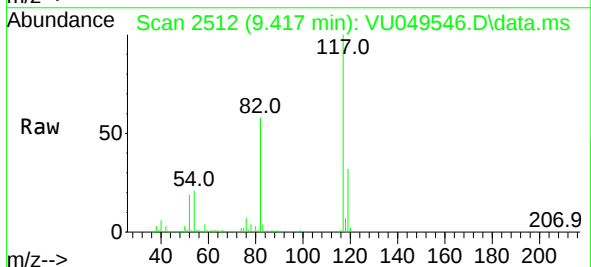
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

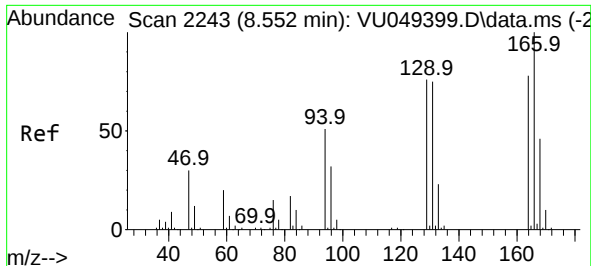
Tgt Ion: 95 Resp: 181598
Ion Ratio Lower Upper
95 100
174 75.6 0.0 182.0
176 73.7 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

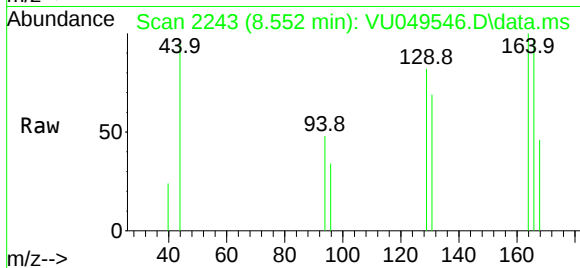
Tgt Ion: 117 Resp: 381275
Ion Ratio Lower Upper
117 100
82 58.2 41.7 62.5
119 32.1 25.7 38.5



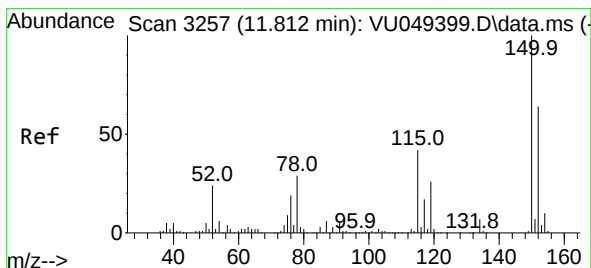
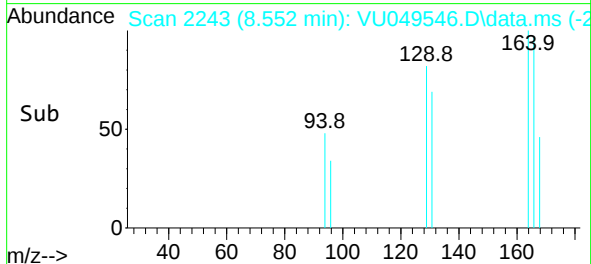
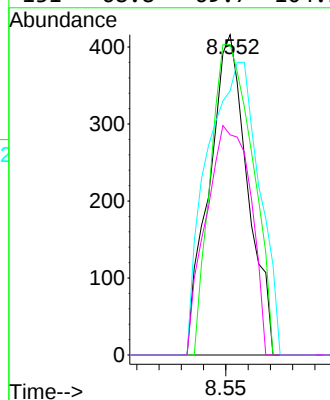


#64
Tetrachloroethene
Concen: 0.204 ug/l
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

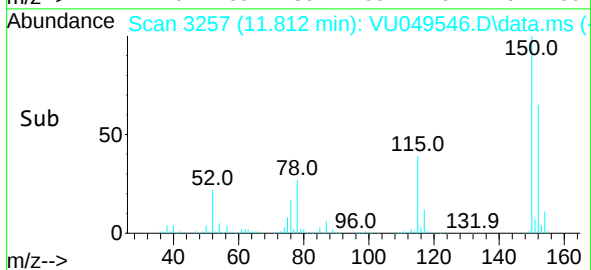
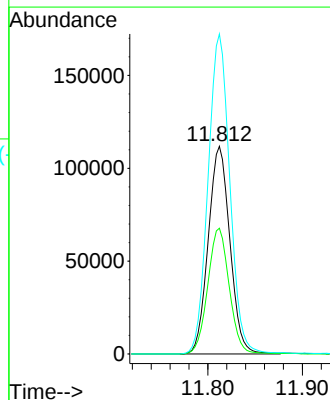
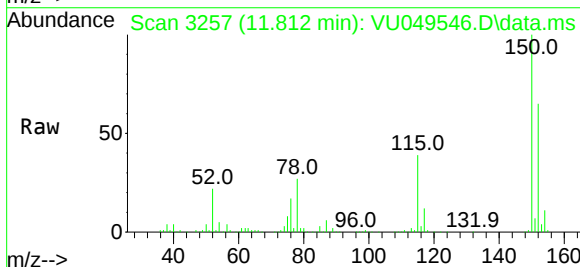


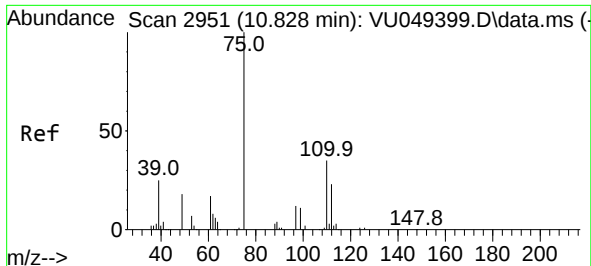
Tgt Ion:164	Resp:	500
Ion	Ratio	Lower Upper
164	100	
166	96.9	100.0 150.0#
129	82.5	72.0 108.0
131	68.8	69.7 104.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

Tgt Ion:152	Resp:	178233
Ion	Ratio	Lower Upper
152	100	
115	59.9	37.0 110.9
150	154.5	0.0 342.2

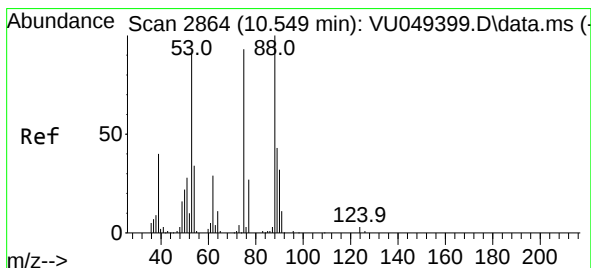
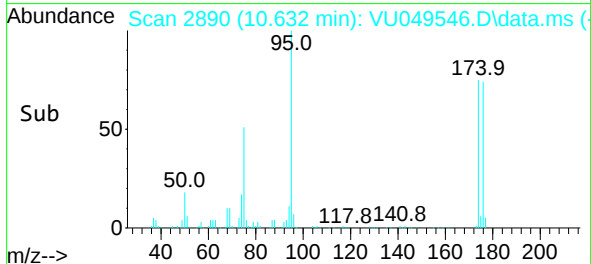
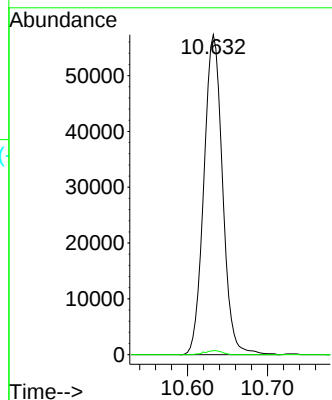
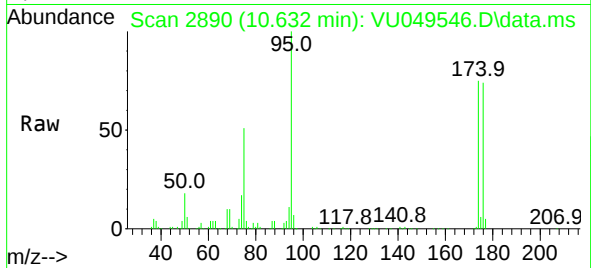




#76
1,2,3-Trichloropropane
Concen: 15.455 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

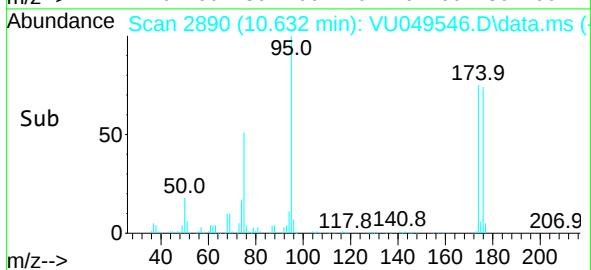
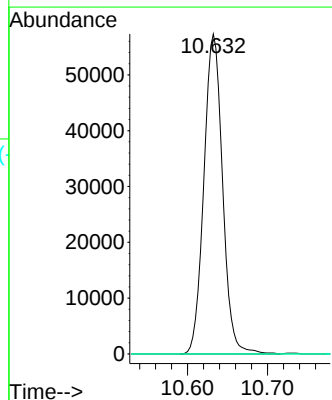
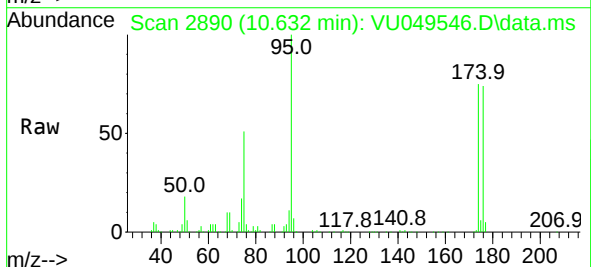
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20220624

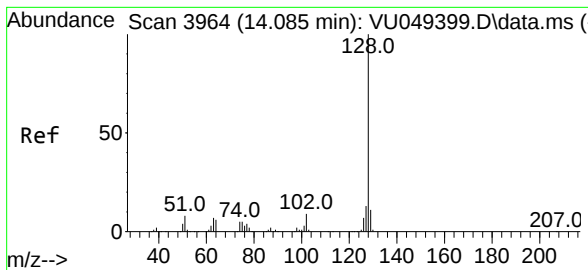
Tgt Ion: 75 Resp: 93381
Ion Ratio Lower Upper
75 100
77 1.2 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.075 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049546.D
Acq: 30 Jun 2022 05:29

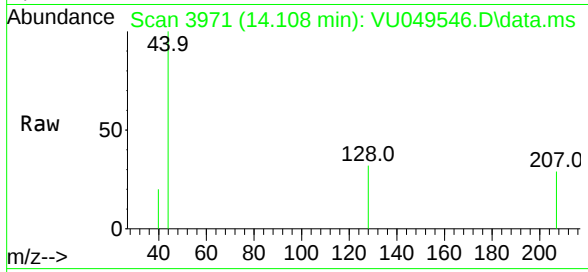
Tgt Ion: 75 Resp: 93381
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#





#95
 Naphthalene
 Concen: 1.756 ug/l
 RT: 14.108 min Scan# 3964
 Delta R.T. 0.022 min
 Lab File: VU049546.D
 Acq: 30 Jun 2022 05:29

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-20220624



Tgt Ion:	128	Resp:	296
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

