

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063022\
 Data File : VU049562.D
 Acq On : 30 Jun 2022 14:45
 Operator : SY/MD
 Sample : N3458-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP04-20220621

Quant Time: Jul 01 05:25:23 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)

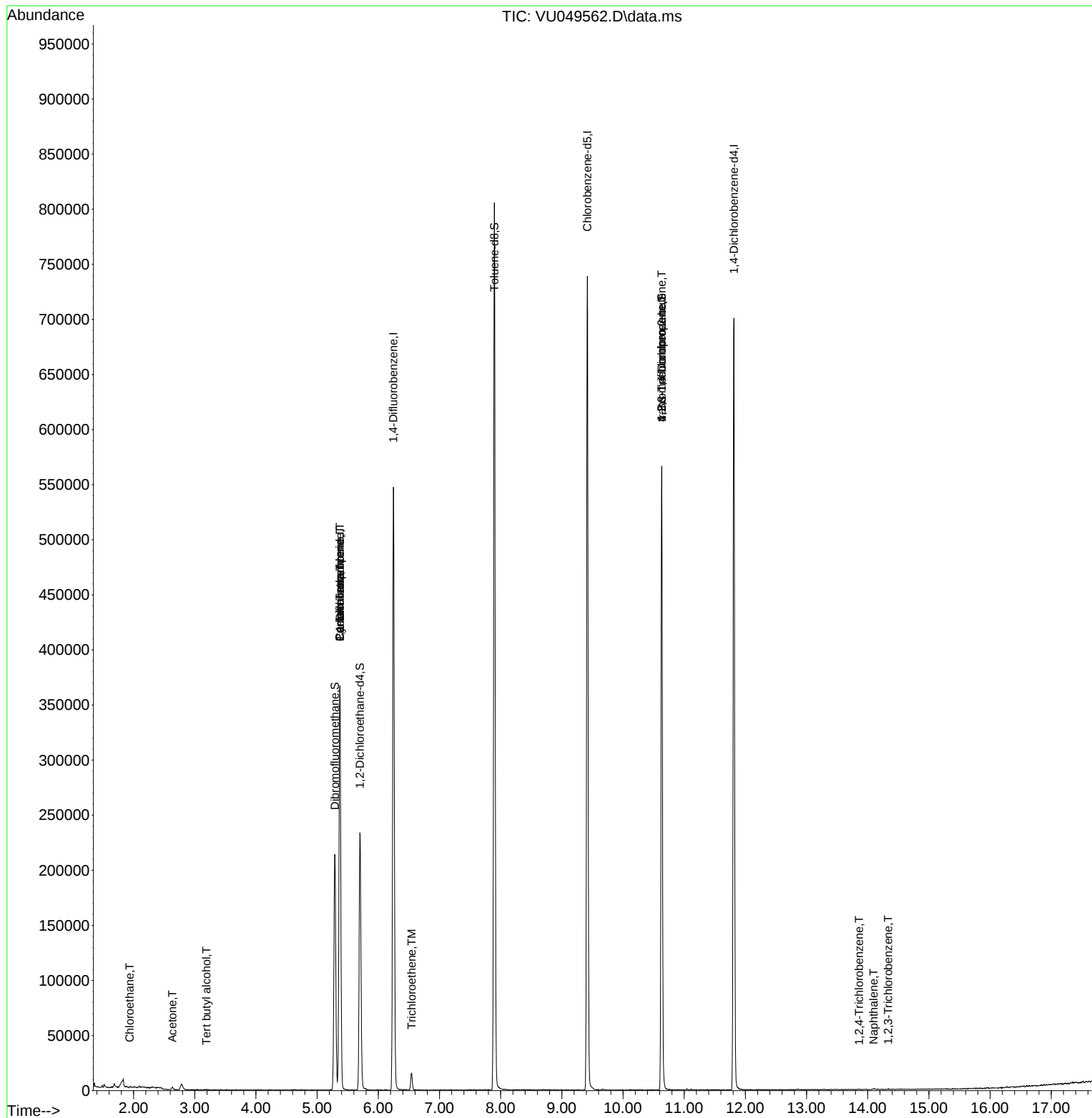
Internal Standards						
1) Pentafluorobenzene	5.372	168	251970	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	441451	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	399871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	184026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	175985	45.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.700%
35) Dibromofluoromethane	5.288	113	139540	45.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	7.896	98	531535	48.252	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	10.632	95	191579	45.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
						Qvalue
3) Chloromethane	1.520	50	2222	Below Cal		91
6) Chloroethane	1.938	64	43	1.937	ug/l #	44
11) Tert butyl alcohol	3.189	59	391	0.430	ug/l #	37
16) Acetone	2.633	43	2822	1.442	ug/l #	86
20) Methylene Chloride	3.044	84	212	Below Cal	#	62
31) Cyclohexane	5.372	56	5147	0.883	ug/l #	12
36) 1,1-Dichloropropene	5.372	75	19670	4.392	ug/l #	49
38) Carbon Tetrachloride	5.372	117	25461	5.421	ug/l #	15
44) Trichloroethene	6.546	130	5583	1.737	ug/l	91
76) 1,2,3-Trichloropropane	10.632	75	98922	15.857	ug/l #	45
81) trans-1,4-Dichloro-2-b...	10.632	75	98922	58.559	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.860	180	164	1.792	ug/l #	47
95) Naphthalene	14.098	128	1370	1.828	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.336	180	236	1.231	ug/l #	57

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

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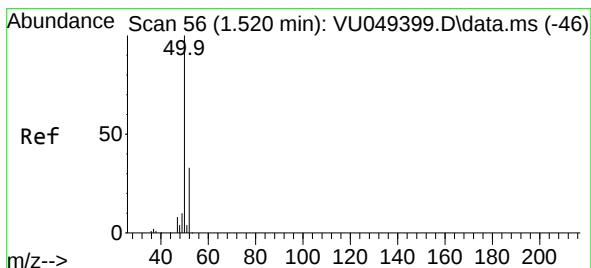
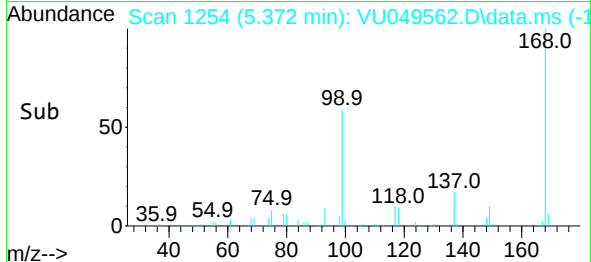
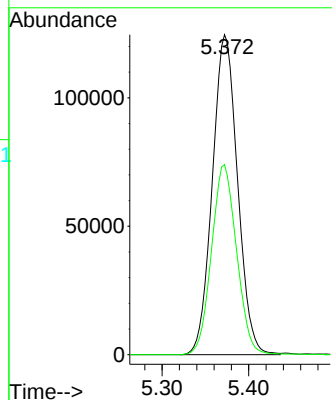
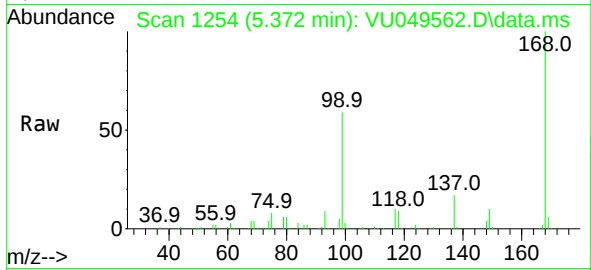




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

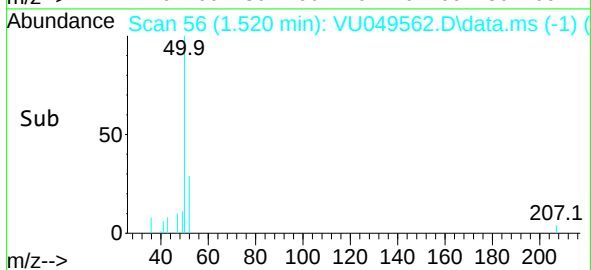
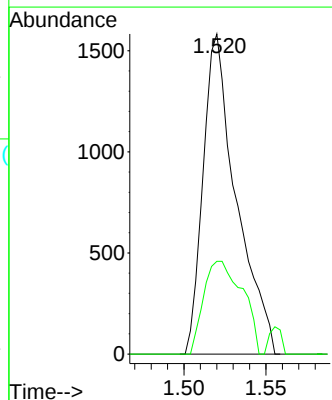
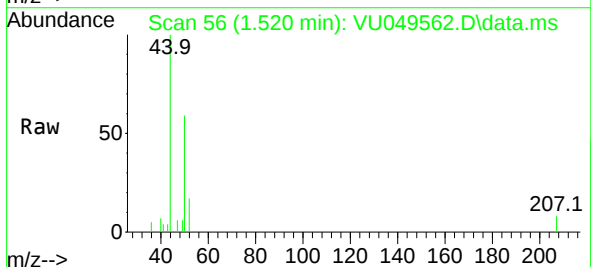
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

Tgt Ion:168 Resp: 251970
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 50 Resp: 2222
Ion Ratio Lower Upper
50 100
52 29.0 27.4 41.2

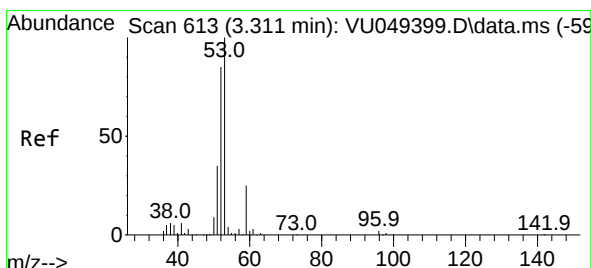
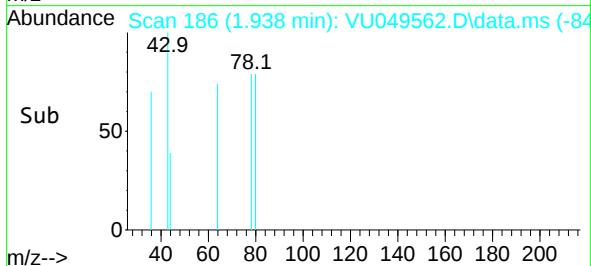
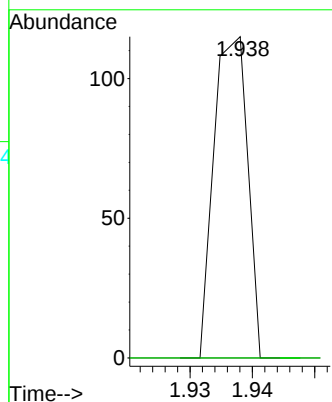
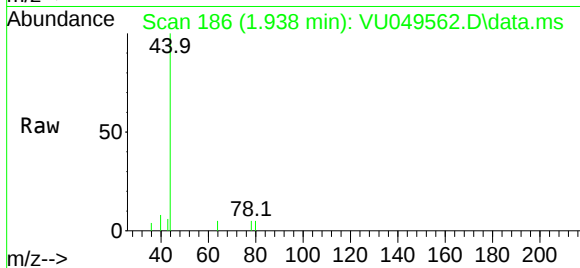




#6
Chloroethane
Concen: 1.937 ug/l
RT: 1.938 min Scan# 11
Delta R.T. 0.029 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

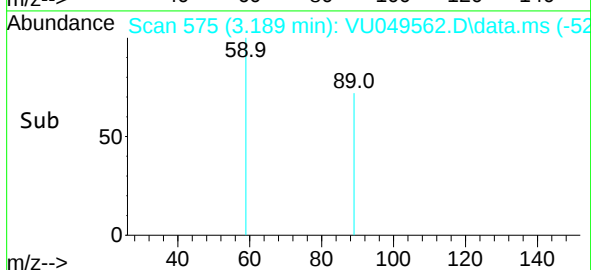
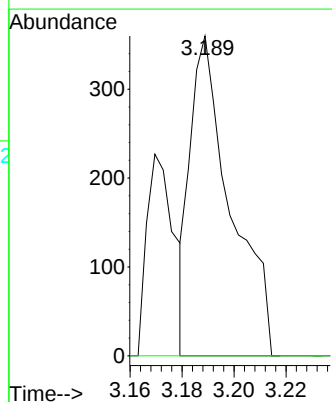
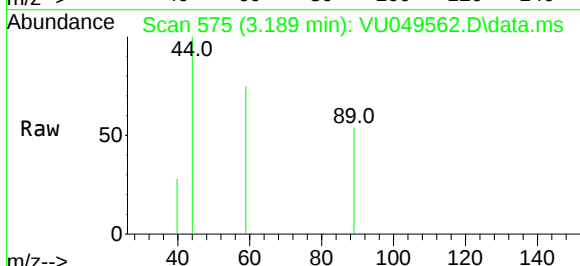
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

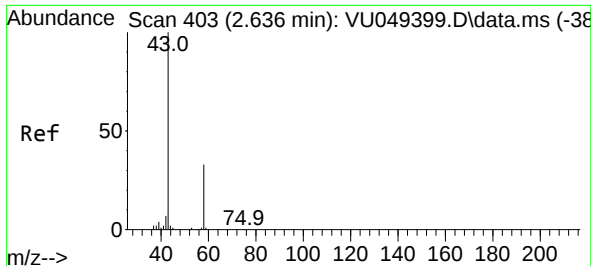
Tgt Ion: 64 Resp: 43
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.430 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.122 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 30.6 45.8#

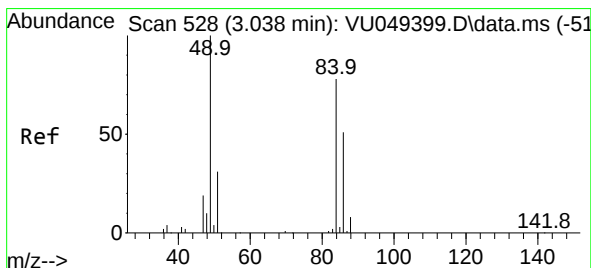
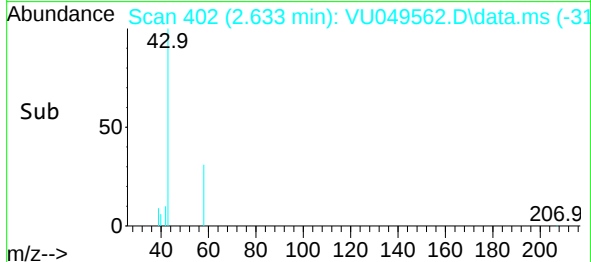
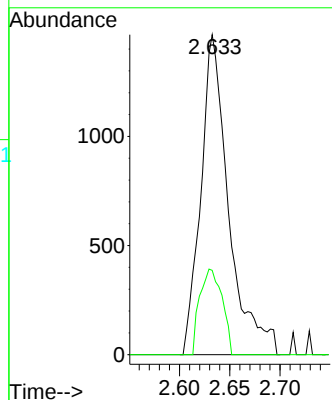
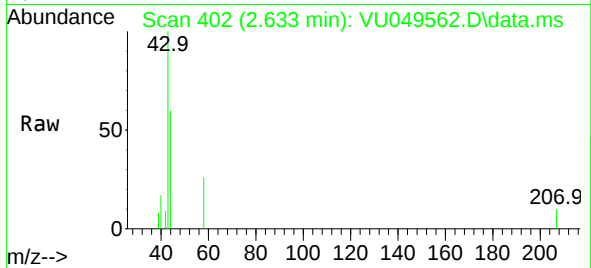




#16
Acetone
Concen: 1.442 ug/l
RT: 2.633 min Scan# 40
Delta R.T. -0.003 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

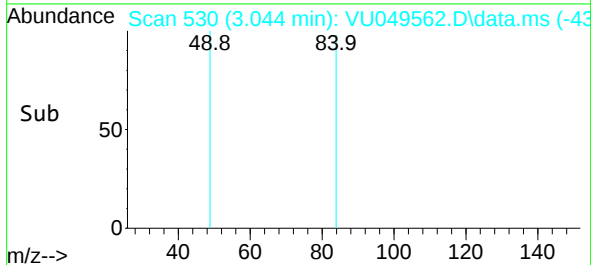
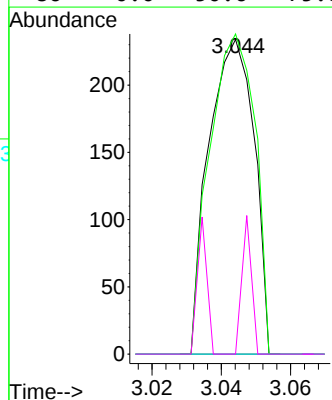
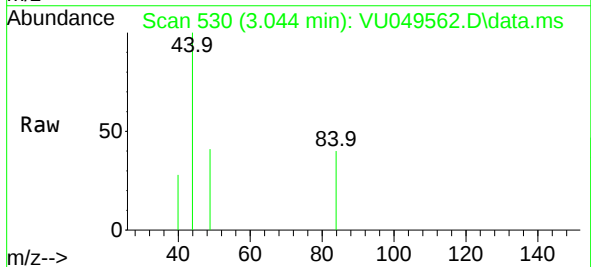
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

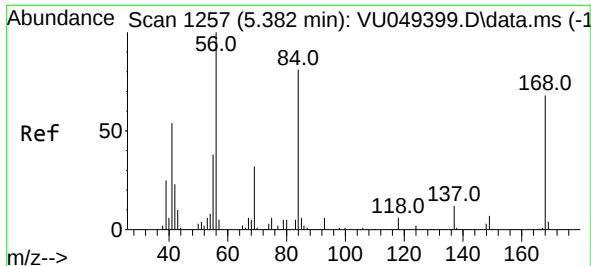
Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
58 26.3 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 530
Delta R.T. 0.006 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 84 Resp: 212
Ion Ratio Lower Upper
84 100
49 101.7 86.6 129.8
51 0.0 26.6 40.0#
86 0.0 50.6 75.8#

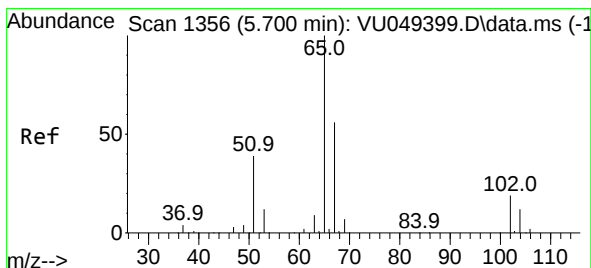
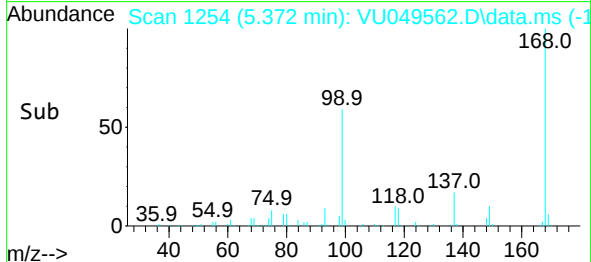
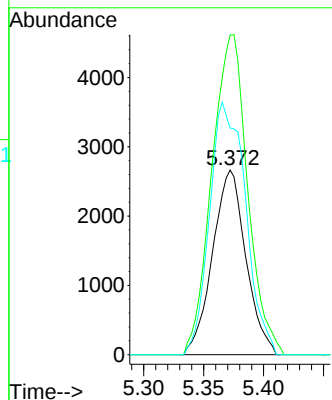
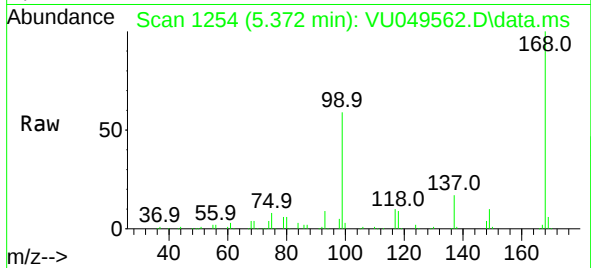




#31
Cyclohexane
Concen: 0.883 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.010 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

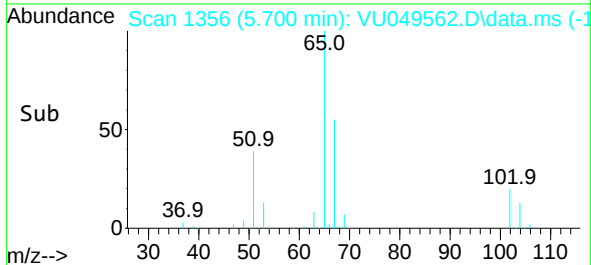
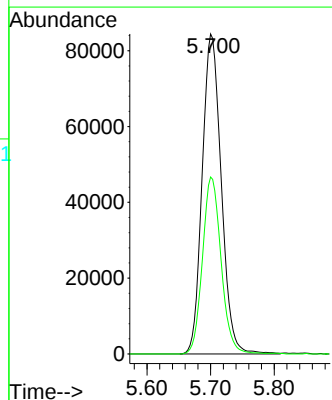
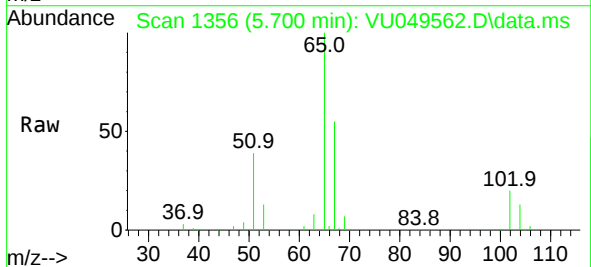
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

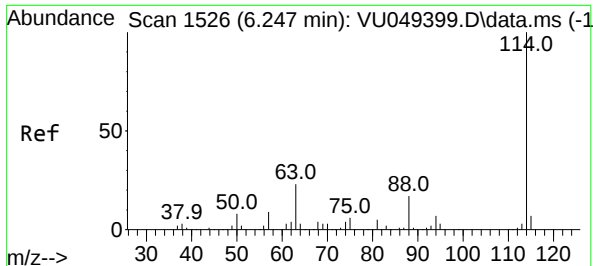
Tgt Ion: 56 Resp: 5147
Ion Ratio Lower Upper
56 100
69 173.2 27.8 41.8#
84 122.8 74.2 111.4#



#33
1,2-Dichloroethane-d4
Concen: 45.351 ug/l
RT: 5.700 min Scan# 1356
Delta R.T. 0.000 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 65 Resp: 175985
Ion Ratio Lower Upper
65 100
67 53.9 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: VU049562.D

Acq: 30 Jun 2022 14:45

Instrument :

MSVOA_U

ClientSampleId :

DUP04-20220621

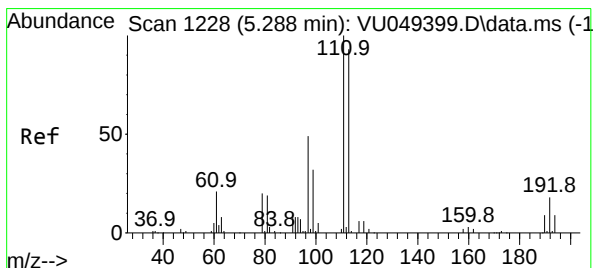
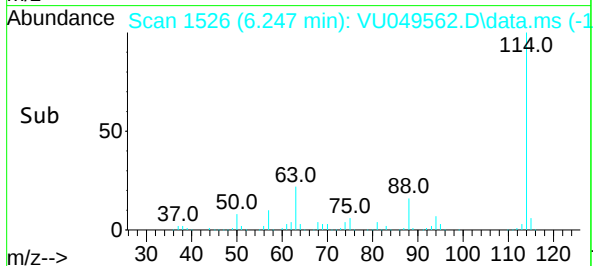
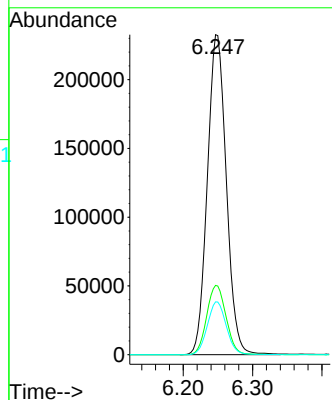
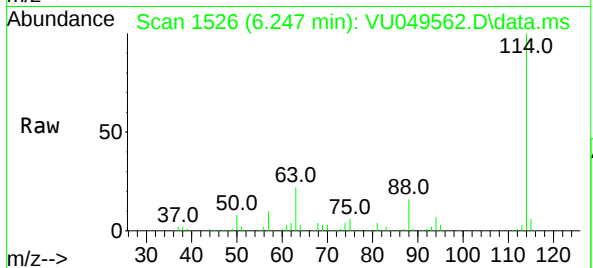
Tgt Ion:114 Resp: 441451

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.5 0.0 29.2



#35

Dibromofluoromethane

Concen: 45.180 ug/l

RT: 5.288 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VU049562.D

Acq: 30 Jun 2022 14:45

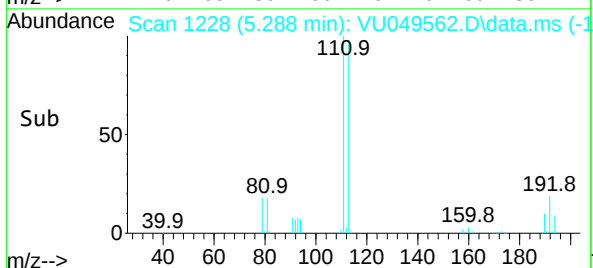
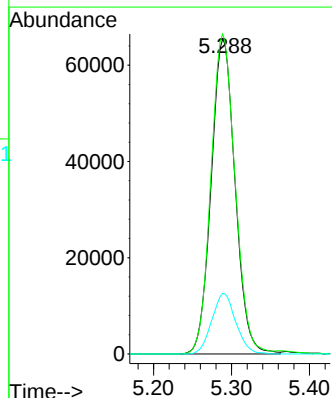
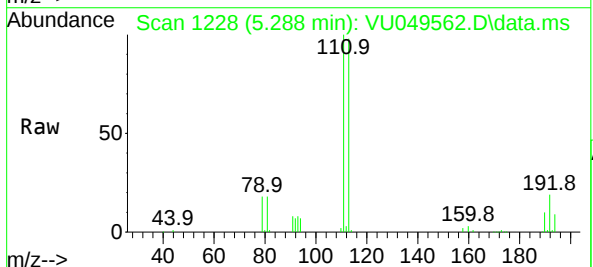
Tgt Ion:113 Resp: 139540

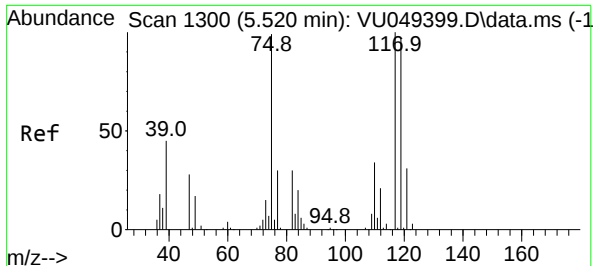
Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

192 19.2 18.0 27.0





#36

1,1-Dichloropropene

Concen: 4.392 ug/l

RT: 5.372 min Scan# 1

Delta R.T. -0.148 min

Lab File: VU049562.D

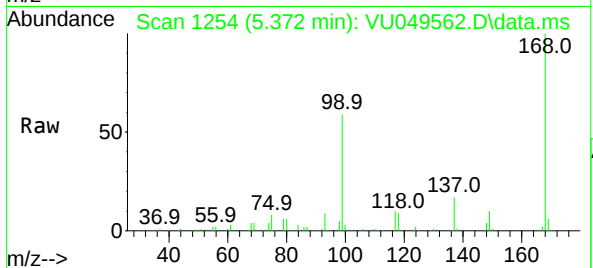
Acq: 30 Jun 2022 14:45

Instrument :

MSVOA_U

ClientSampleId :

DUP04-20220621



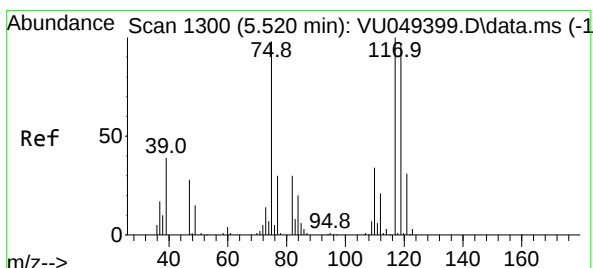
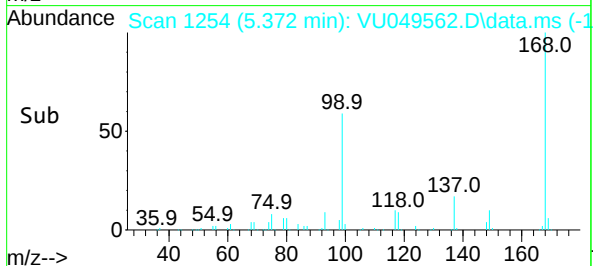
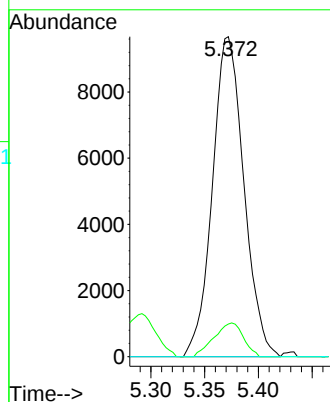
Tgt Ion: 75 Resp: 19670

Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.421 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.148 min

Lab File: VU049562.D

Acq: 30 Jun 2022 14:45

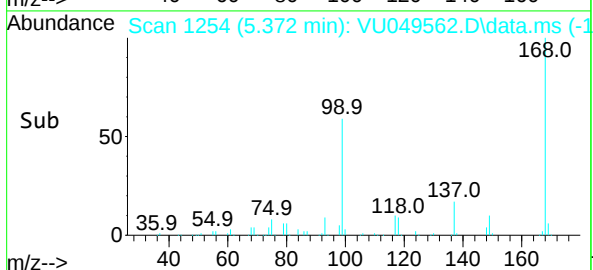
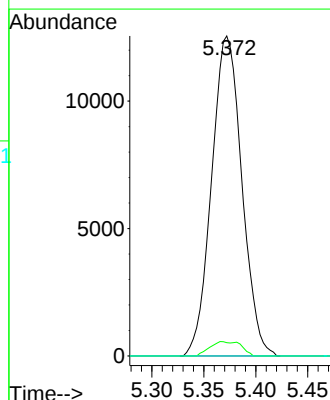
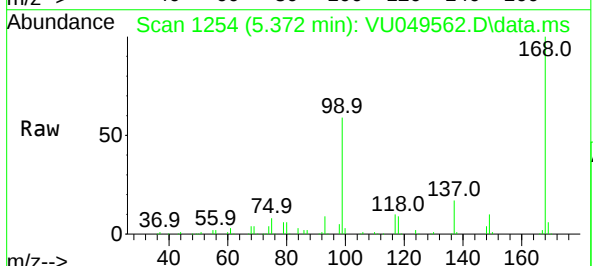
Tgt Ion: 117 Resp: 25461

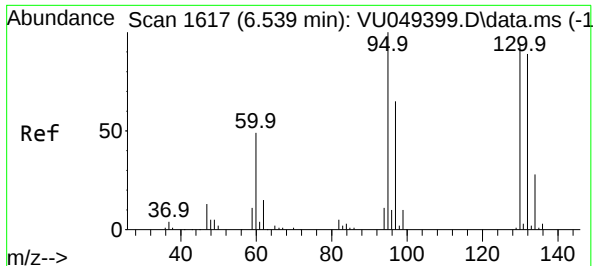
Ion Ratio Lower Upper

117 100

119 4.1 76.8 115.2#

121 0.0 24.7 37.1#

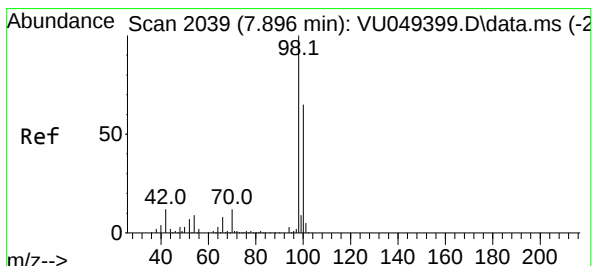
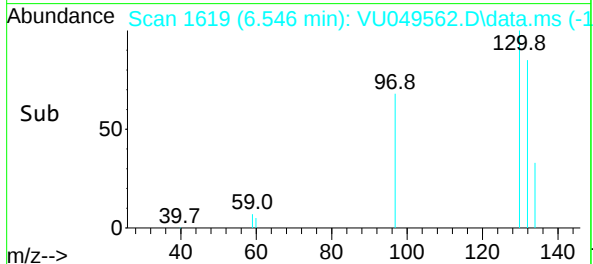
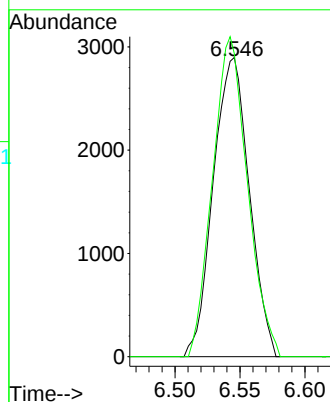
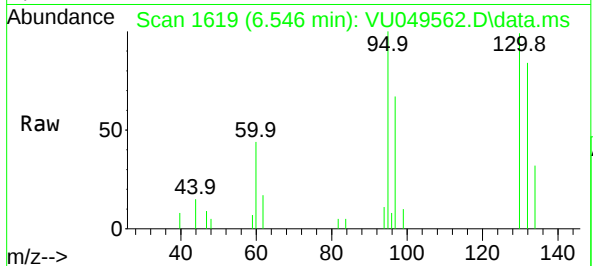




#44
 Trichloroethene
 Concen: 1.737 ug/l
 RT: 6.546 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VU049562.D
 Acq: 30 Jun 2022 14:45

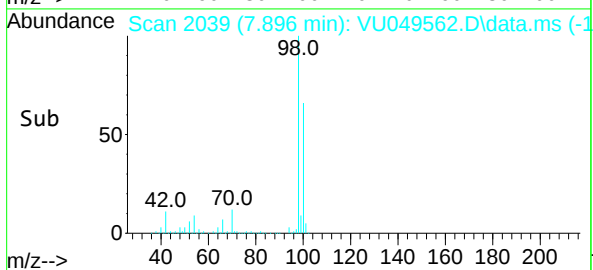
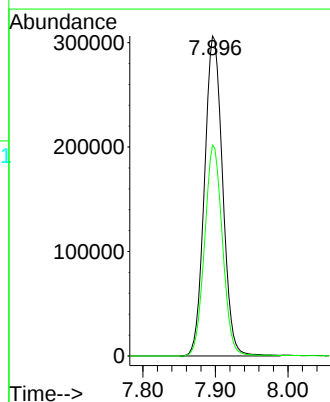
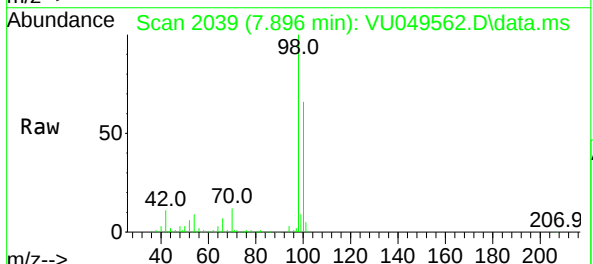
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP04-20220621

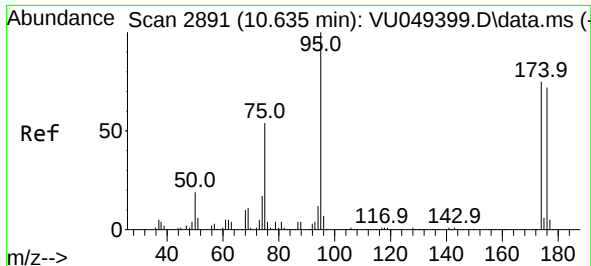
Tgt Ion:130 Resp: 5583
 Ion Ratio Lower Upper
 130 100
 95 101.3 0.0 184.6



#50
 Toluene-d8
 Concen: 48.252 ug/l
 RT: 7.896 min Scan# 2039
 Delta R.T. 0.000 min
 Lab File: VU049562.D
 Acq: 30 Jun 2022 14:45

Tgt Ion: 98 Resp: 531535
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.7 77.5

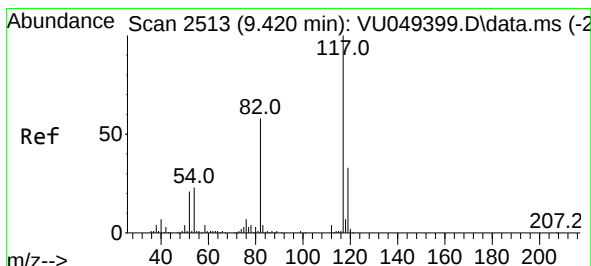
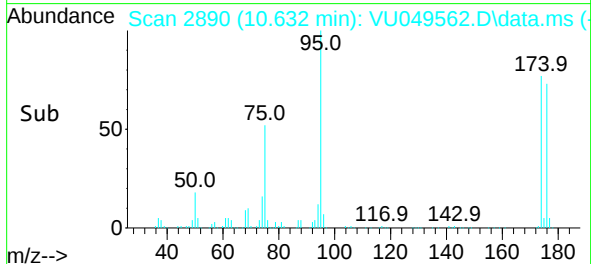
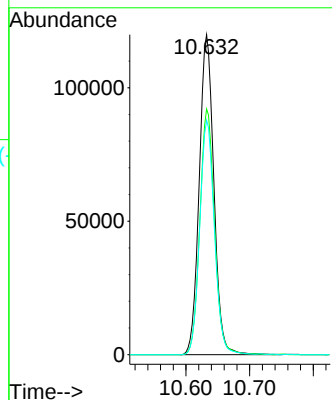
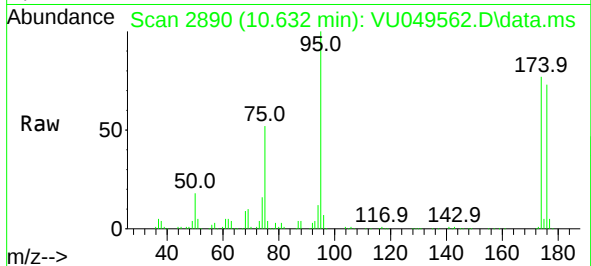




#62
4-Bromofluorobenzene
Concen: 45.400 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

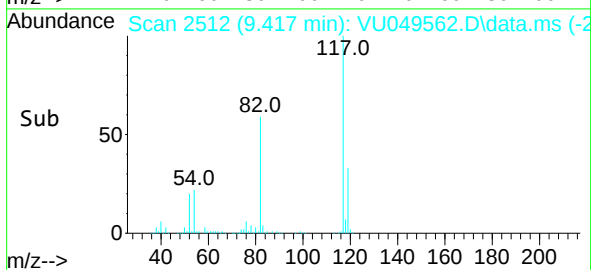
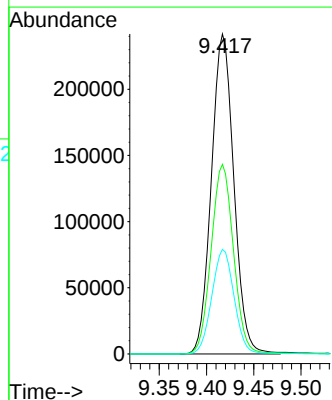
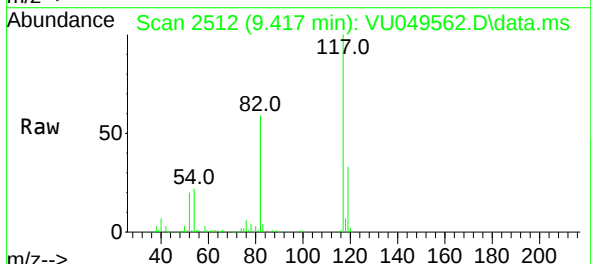
Instrument :
MSVOA_U
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DUP04-20220621

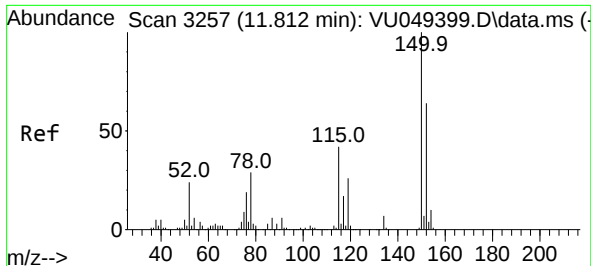
Tgt Ion: 95 Resp: 191579
Ion Ratio Lower Upper
95 100
174 77.0 0.0 182.0
176 73.4 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 117 Resp: 399871
Ion Ratio Lower Upper
117 100
82 59.3 41.7 62.5
119 32.7 25.7 38.5

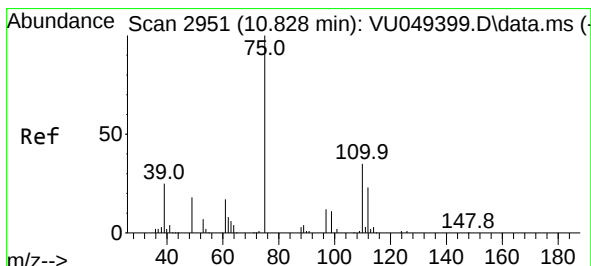
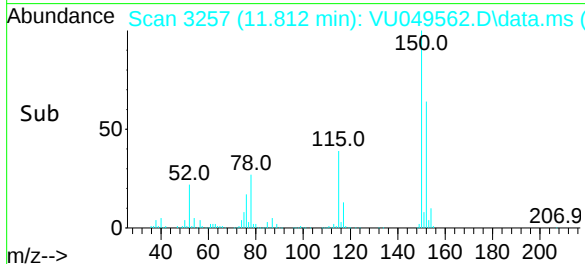
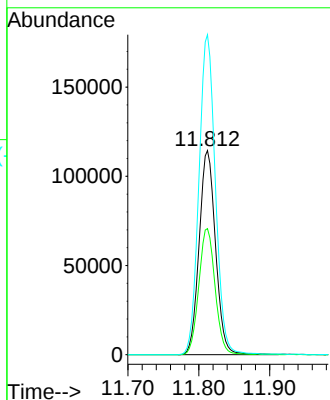
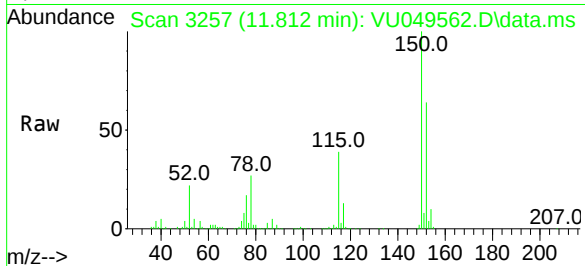




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

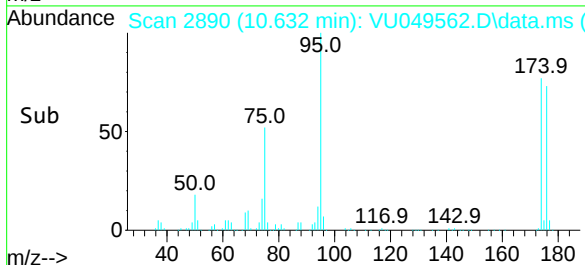
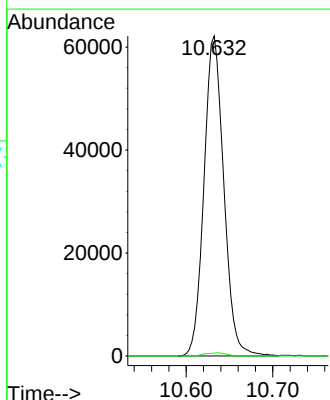
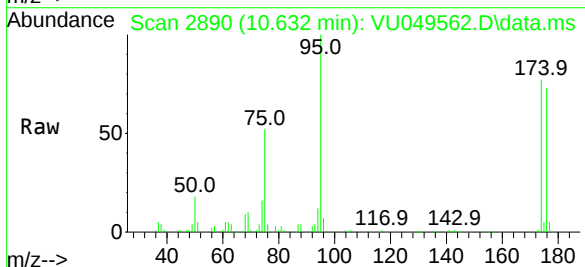
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

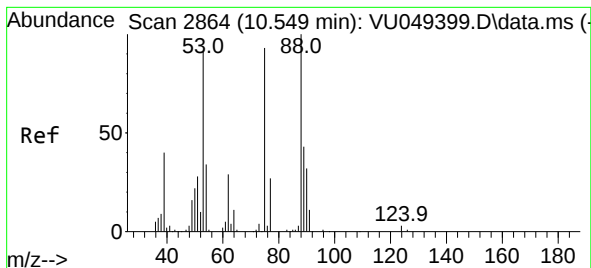
Tgt Ion:152 Resp: 184026
Ion Ratio Lower Upper
152 100
115 61.3 37.0 110.9
150 157.0 0.0 342.2



#76
1,2,3-Trichloropropane
Concen: 15.857 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion: 75 Resp: 98922
Ion Ratio Lower Upper
75 100
77 1.0 15.8 47.3#

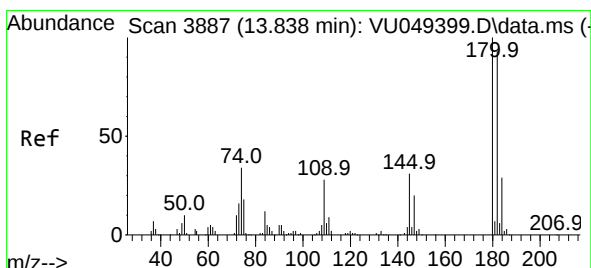
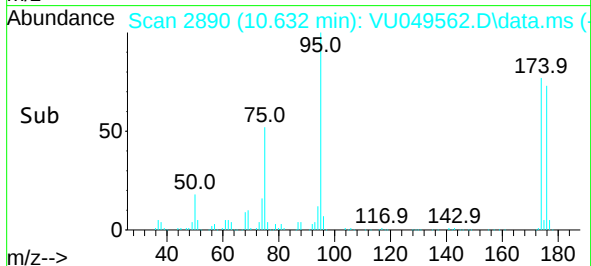
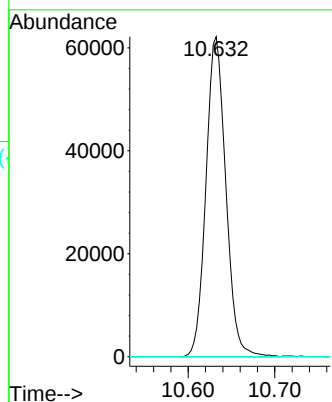
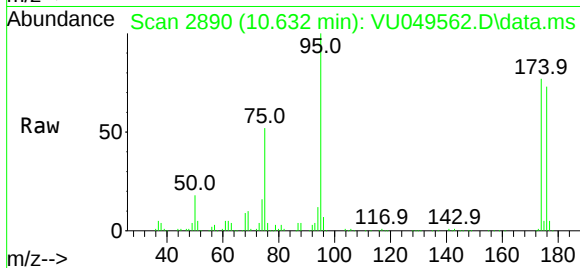




#81
trans-1,4-Dichloro-2-butene
Concen: 58.559 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.084 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

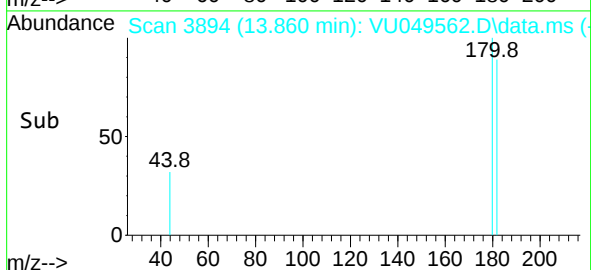
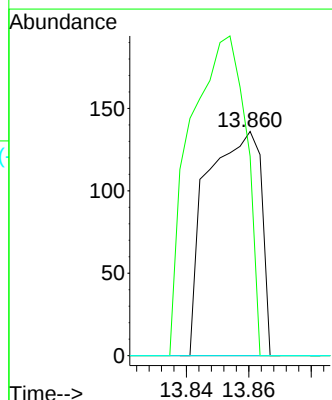
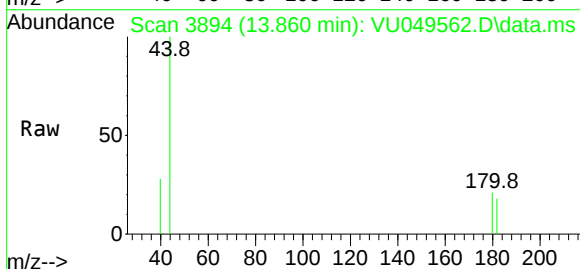
Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

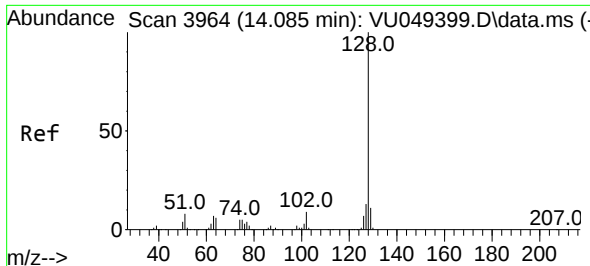
Tgt Ion: 75 Resp: 98922
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.792 ug/l
RT: 13.860 min Scan# 3894
Delta R.T. 0.022 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion:180 Resp: 164
Ion Ratio Lower Upper
180 100
182 147.0 47.9 143.6#
145 0.0 14.0 41.9#

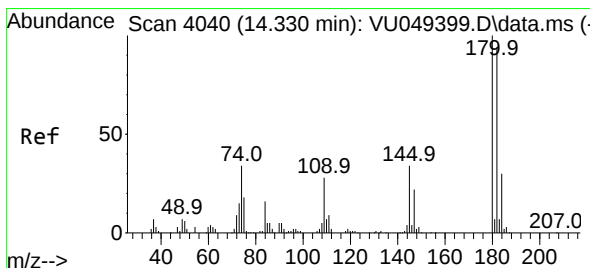
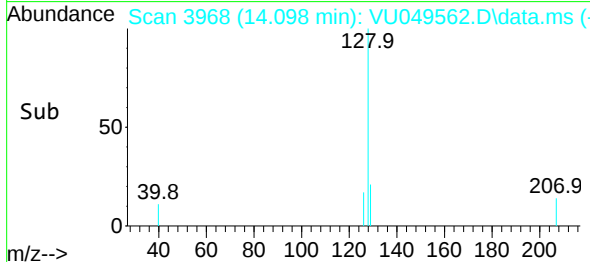
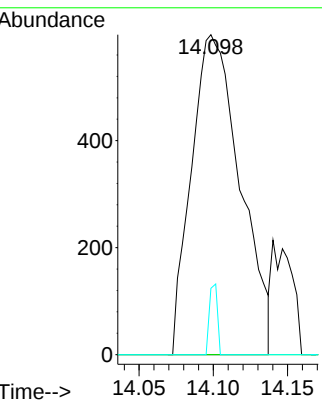
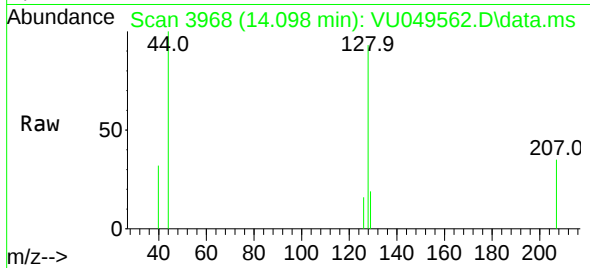




#95
Naphthalene
Concen: 1.828 ug/l
RT: 14.098 min Scan# 3964
Delta R.T. 0.013 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Instrument :
MSVOA_U
ClientSampleId :
DUP04-20220621

Tgt Ion:128 Resp: 1370
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 3.6 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.231 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU049562.D
Acq: 30 Jun 2022 14:45

Tgt Ion:180 Resp: 236
Ion Ratio Lower Upper
180 100
182 58.5 48.4 145.0
145 0.0 14.8 44.4#

