

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049514.D
 Acq On : 29 Jun 2022 15:48
 Operator : SY/MD
 Sample : N3386-07DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE108D2-20220614DL

Quant Time: Jun 30 00:49:14 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)

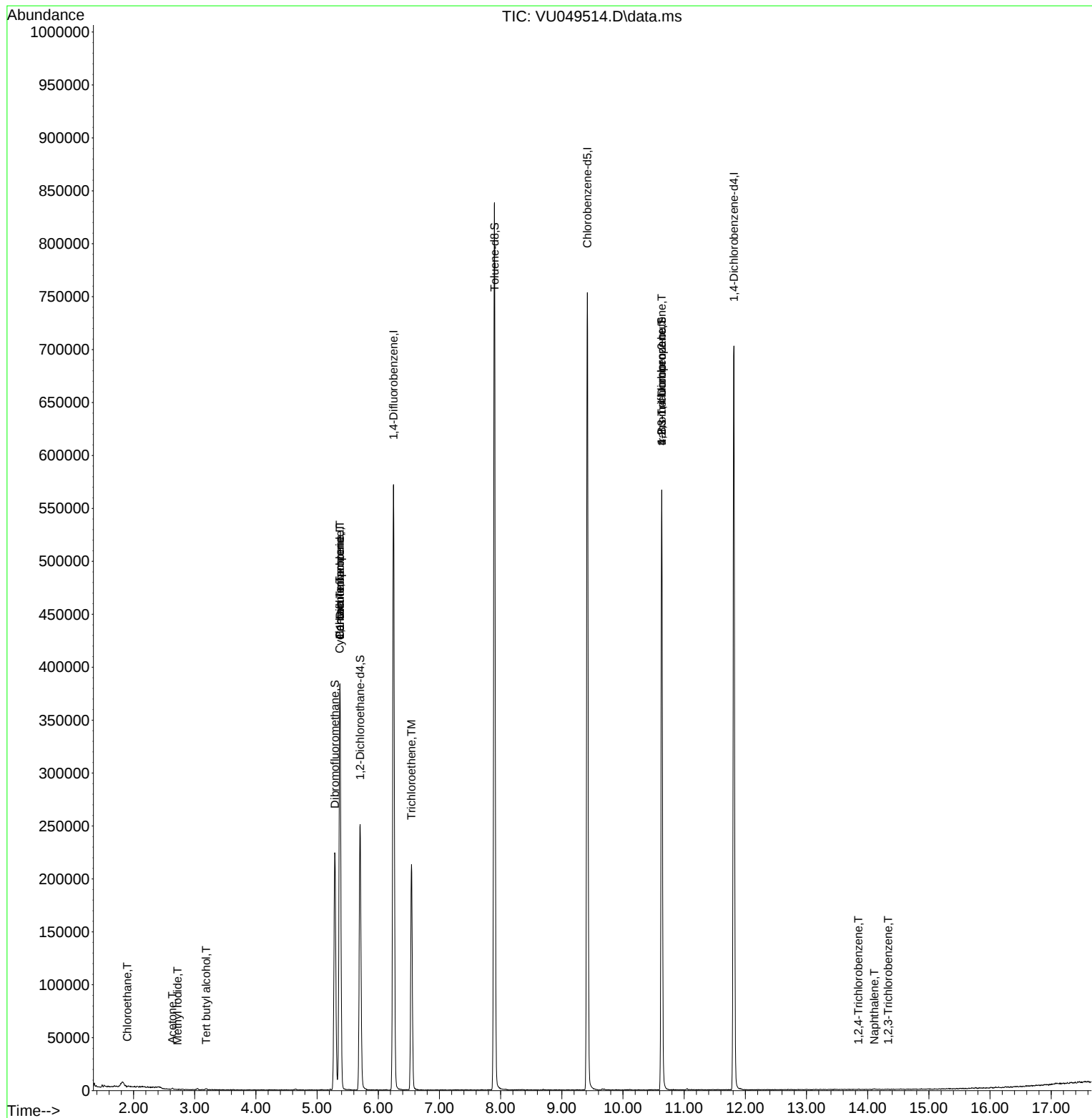
Internal Standards						
1) Pentafluorobenzene	5.372	168	266742	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	465662	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	413018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	184690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184520	44.917	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.840%		
35) Dibromofluoromethane	5.289	113	146869	45.081	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.160%		
50) Toluene-d8	7.899	98	557256	47.957	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.920%		
62) 4-Bromofluorobenzene	10.633	95	192247	43.189	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.380%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1491	Below Cal		100
6) Chloroethane	1.897	64	19	1.925 ug/l	#	44
10) Methyl Iodide	2.720	142	40	7.525 ug/l	#	43
11) Tert butyl alcohol	3.186	59	640	0.666 ug/l	#	37
16) Acetone	2.633	43	1013	0.489 ug/l		95
20) Methylene Chloride	3.044	84	472	Below Cal	#	83
31) Cyclohexane	5.369	56	5380	0.872 ug/l	#	1
36) 1,1-Dichloropropene	5.372	75	21104	4.468 ug/l	#	49
38) Carbon Tetrachloride	5.372	117	27205	5.491 ug/l	#	15
44) Trichloroethene	6.543	130	71898	21.206 ug/l		87
76) 1,2,3-Trichloropropane	10.633	75	98514	15.735 ug/l	#	45
81) trans-1,4-Dichloro-2-b...	10.633	75	98514	58.107 ug/l	#	15
93) 1,2,4-Trichlorobenzene	13.845	180	75	1.771 ug/l	#	45
95) Naphthalene	14.108	128	972	1.801 ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.333	180	65	1.192 ug/l	#	12

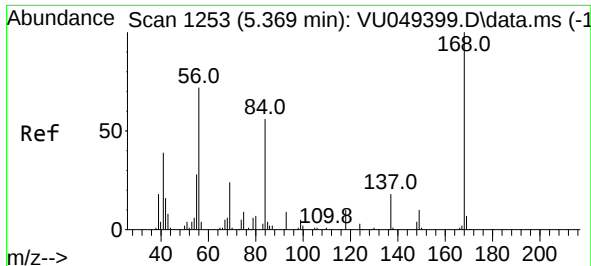
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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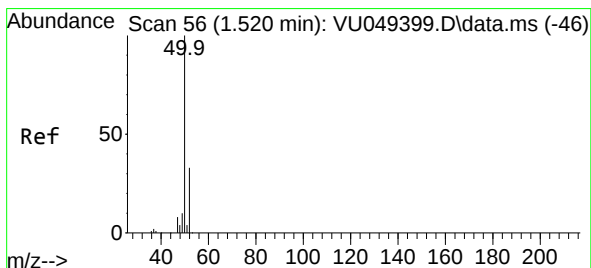
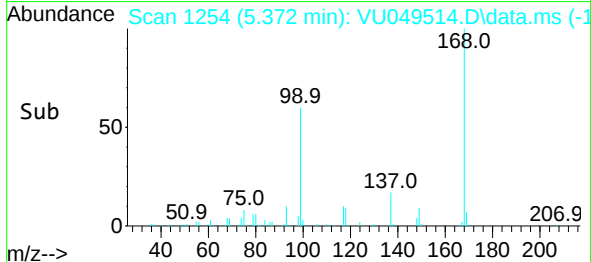
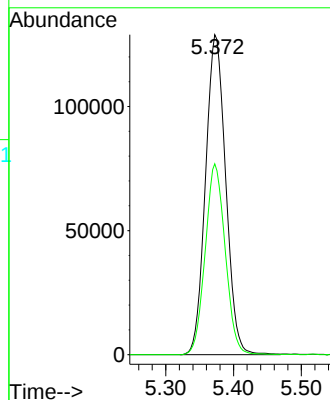
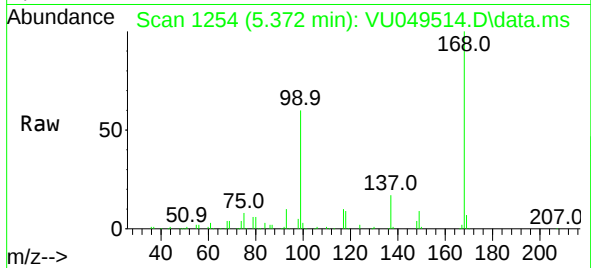




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

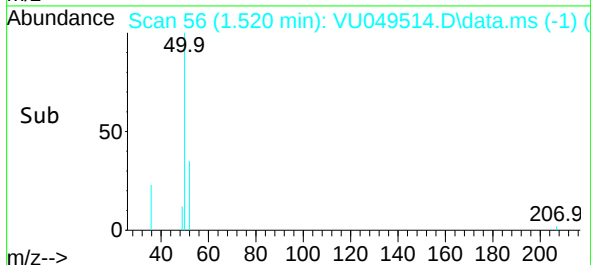
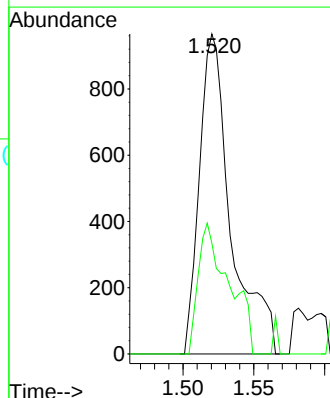
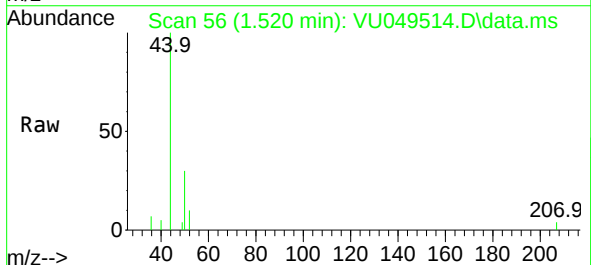
Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

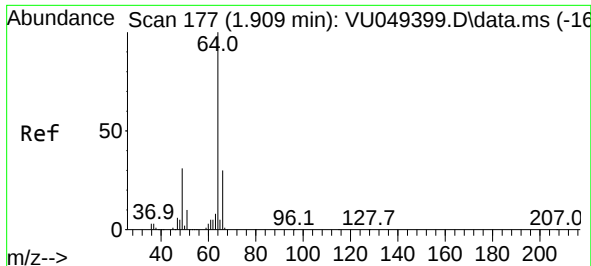
Tgt Ion:168 Resp: 266742
Ion Ratio Lower Upper
168 100
99 59.6 39.3 58.9#



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion: 50 Resp: 1491
Ion Ratio Lower Upper
50 100
52 34.6 27.4 41.2

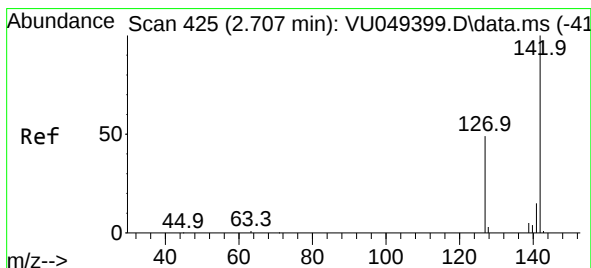
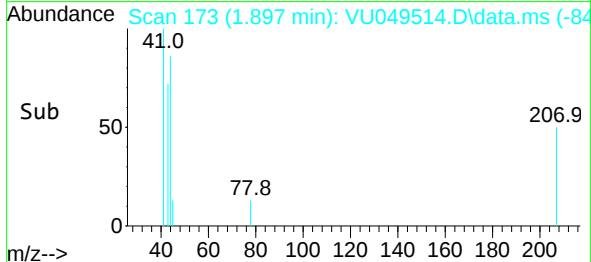
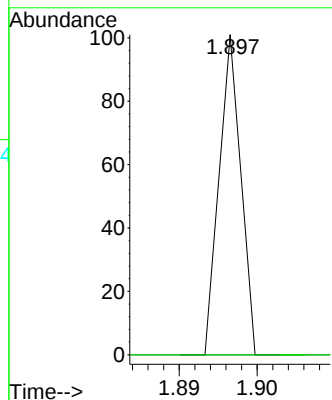
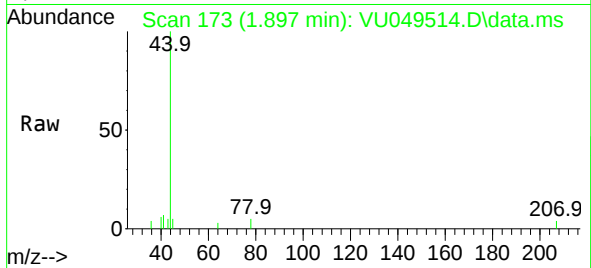




#6
Chloroethane
Concen: 1.925 ug/l
RT: 1.897 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

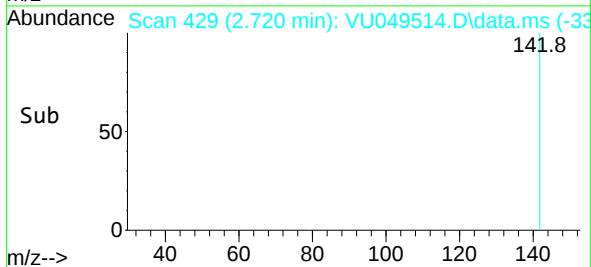
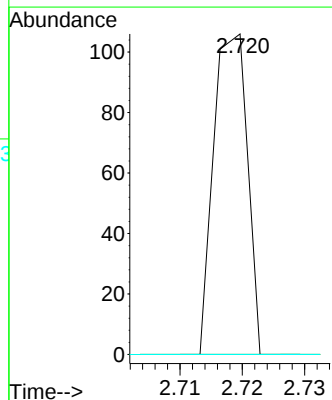
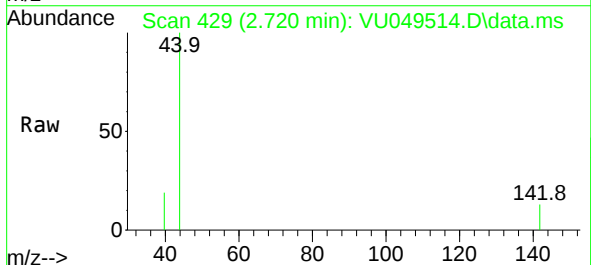
Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

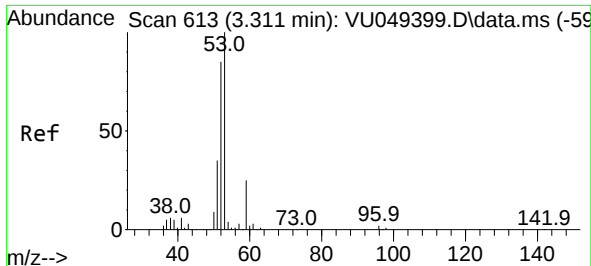
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#10
Methyl Iodide
Concen: 7.525 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.013 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion: 142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 32.5 48.7#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 0.666 ug/l

RT: 3.186 min Scan# 51

Delta R.T. -0.125 min

Lab File: VU049514.D

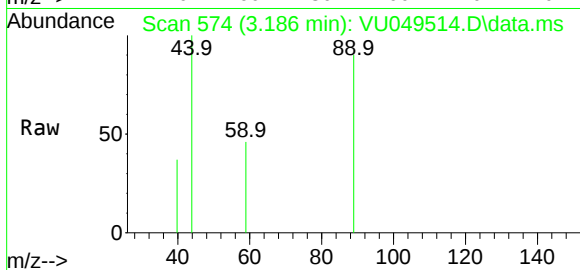
Acq: 29 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

RE108D2-20220614DL

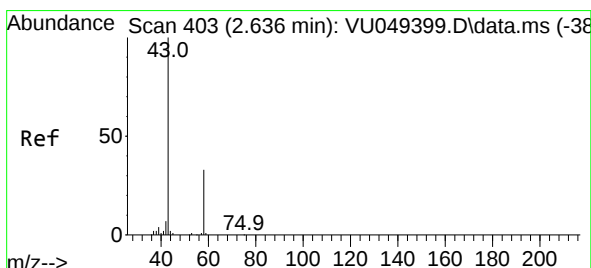
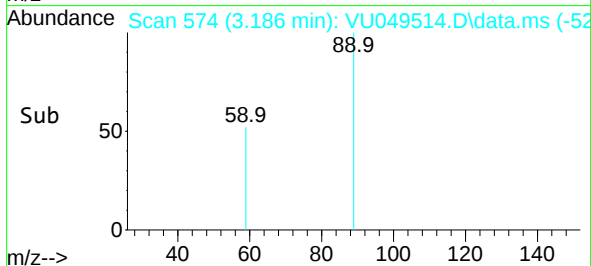
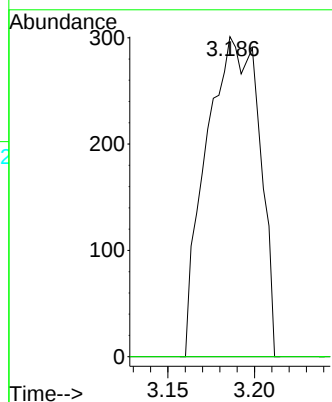


Tgt Ion: 59 Resp: 640

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#16

Acetone

Concen: 0.489 ug/l

RT: 2.633 min Scan# 402

Delta R.T. -0.003 min

Lab File: VU049514.D

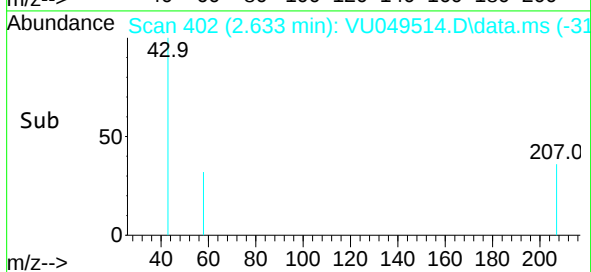
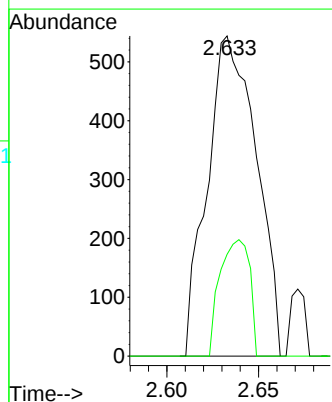
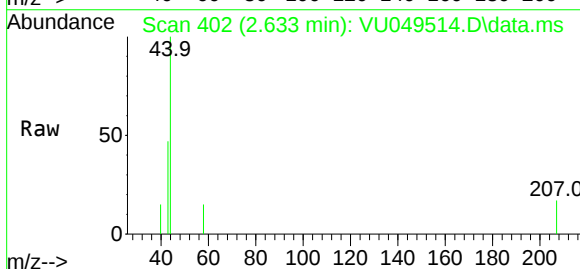
Acq: 29 Jun 2022 15:48

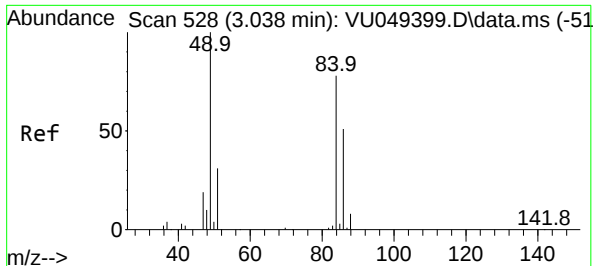
Tgt Ion: 43 Resp: 1013

Ion Ratio Lower Upper

43 100

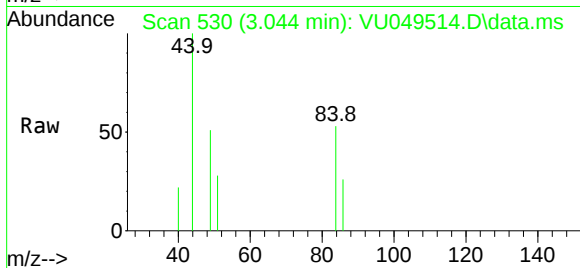
58 31.8 27.5 41.3



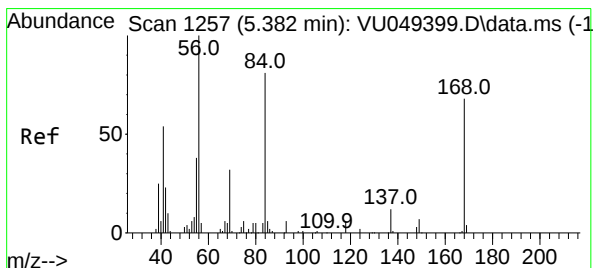
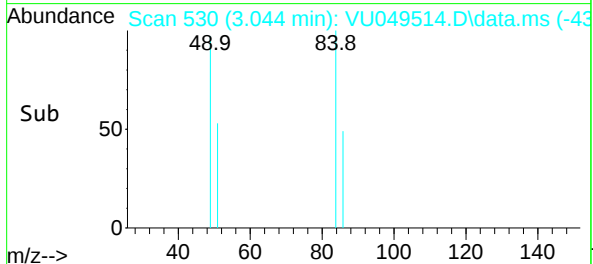
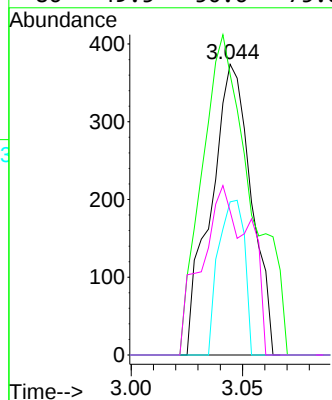


#20
Methylene Chloride
Concen: Below Cal
RT: 3.044 min Scan# 51
Delta R.T. 0.007 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

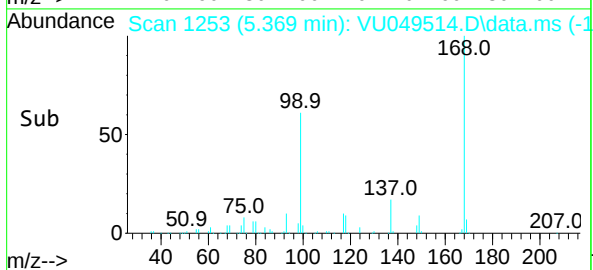
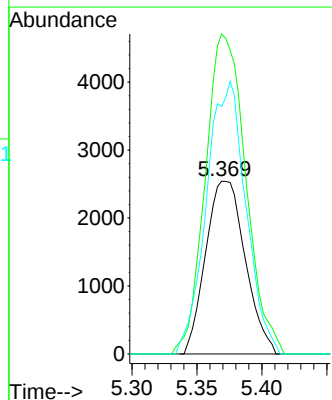
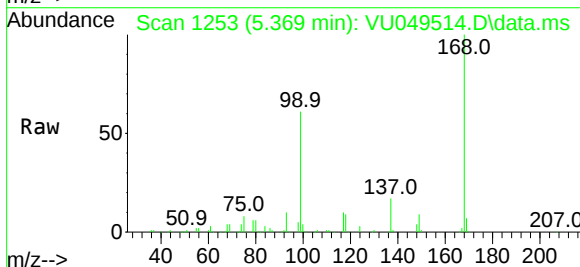


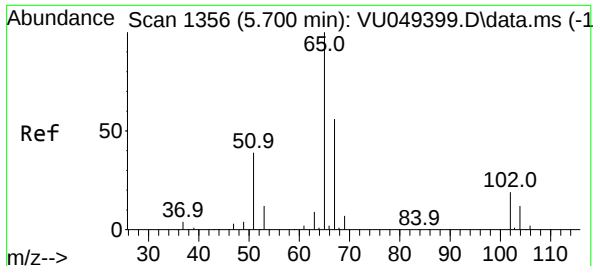
Tgt Ion:	84	Resp:	472
Ion	Ratio	Lower	Upper
84	100		
49	96.5	86.6	129.8
51	52.7	26.6	40.0#
86	49.5	50.6	75.8#



#31
Cyclohexane
Concen: 0.872 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.013 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion:	56	Resp:	5380
Ion	Ratio	Lower	Upper
56	100		
69	180.0	27.8	41.8#
84	143.4	74.2	111.4#





#33

1,2-Dichloroethane-d4

Concen: 44.917 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049514.D

Acq: 29 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

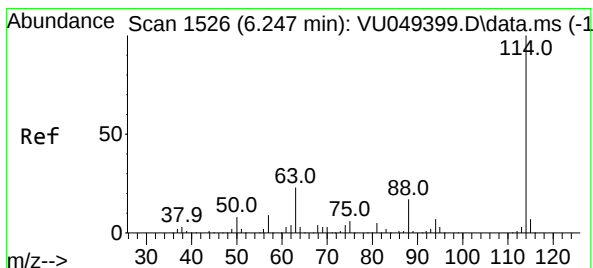
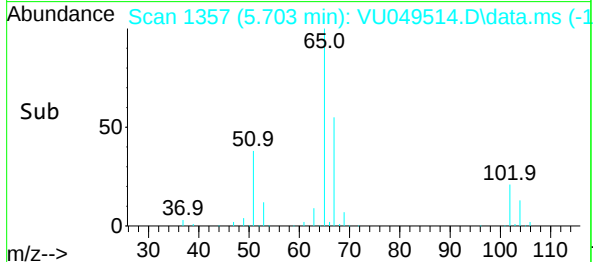
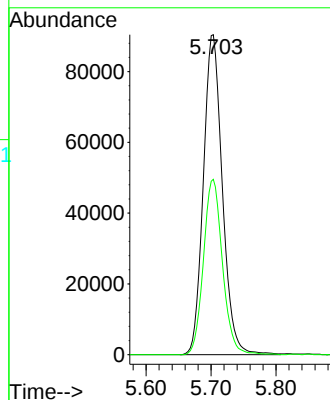
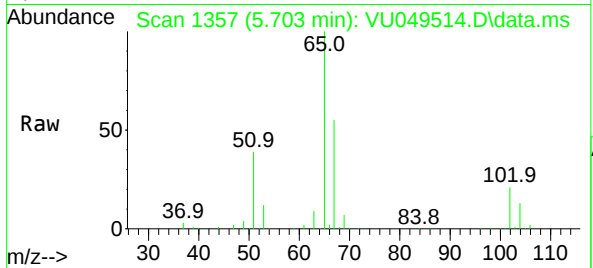
RE108D2-20220614DL

Tgt Ion: 65 Resp: 184520

Ion Ratio Lower Upper

65 100

67 54.7 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: VU049514.D

Acq: 29 Jun 2022 15:48

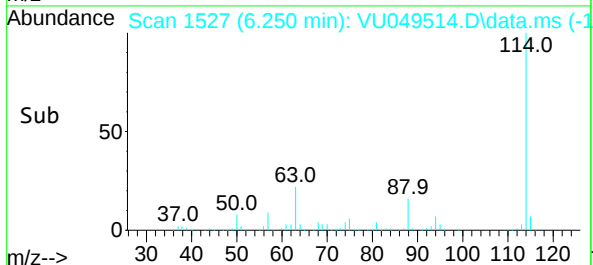
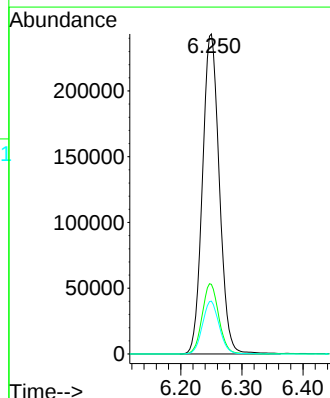
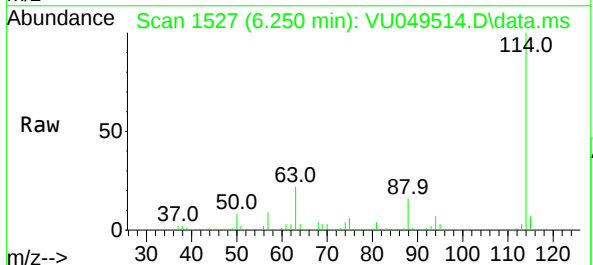
Tgt Ion: 114 Resp: 465662

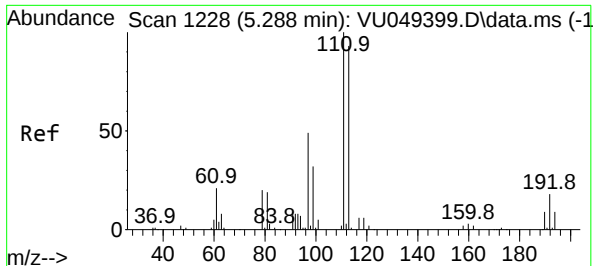
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.8

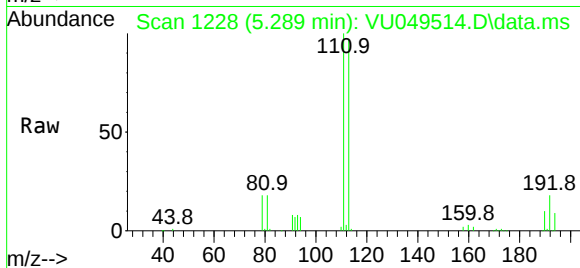
88 16.5 0.0 29.2



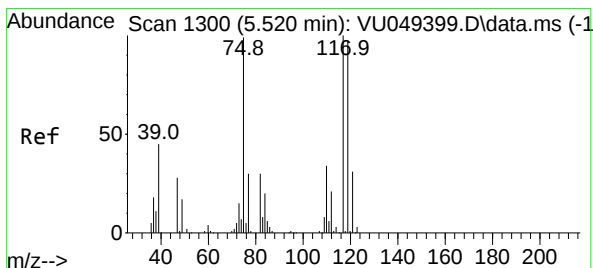
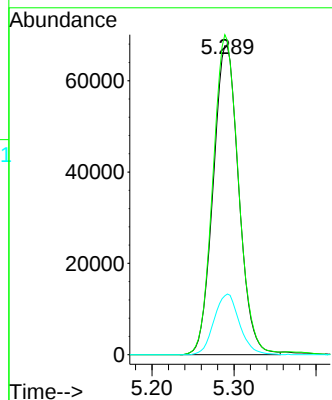
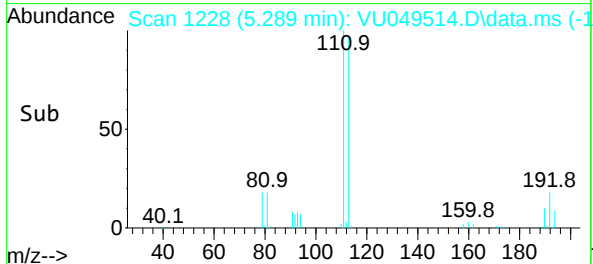


#35
Dibromofluoromethane
Concen: 45.081 ug/l
RT: 5.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

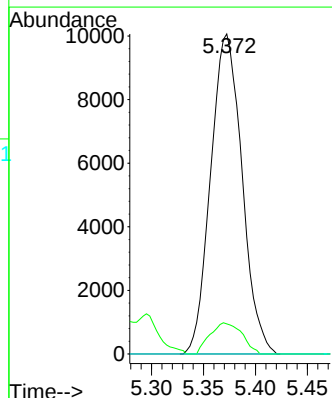
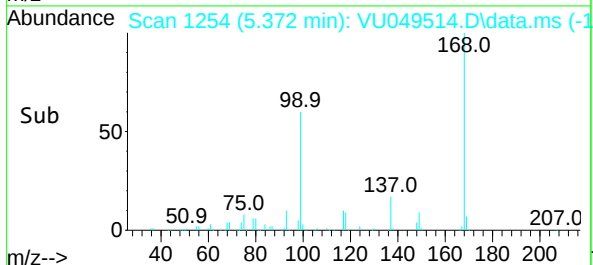
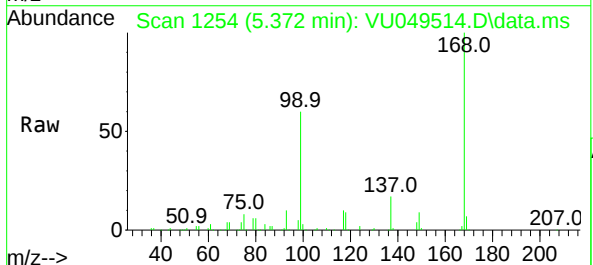


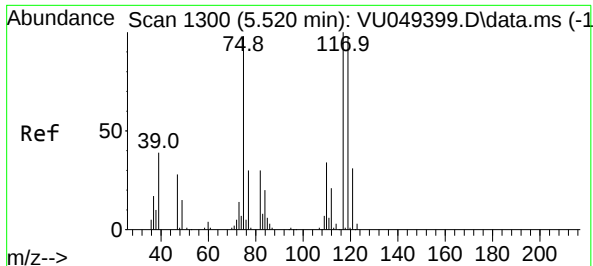
Tgt Ion:113 Resp: 146869
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 19.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 4.468 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.148 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

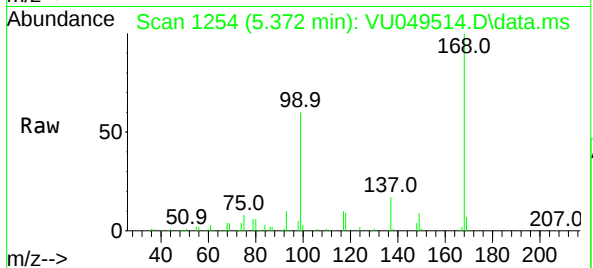
Tgt Ion: 75 Resp: 21104
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 25.1 37.7#



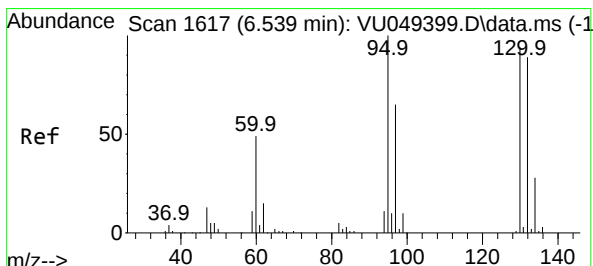
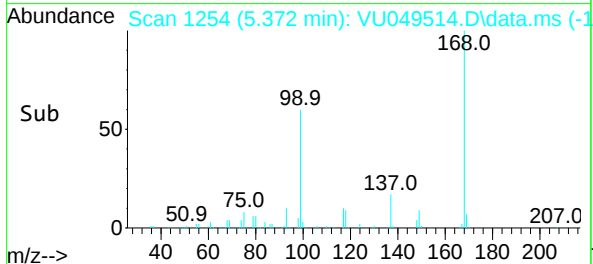
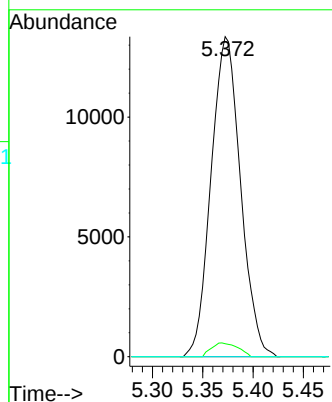


#38
Carbon Tetrachloride
Concen: 5.491 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

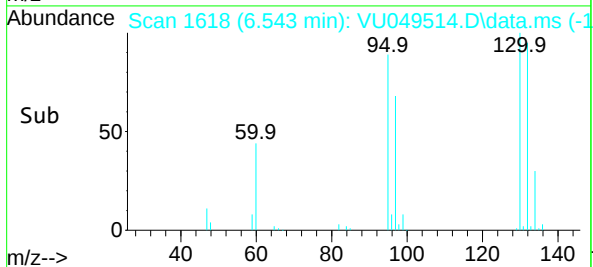
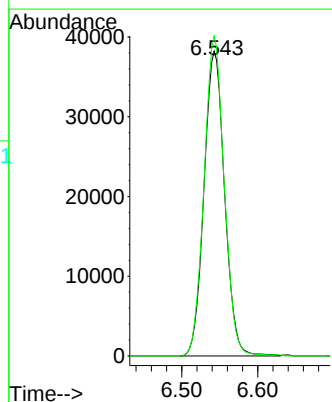
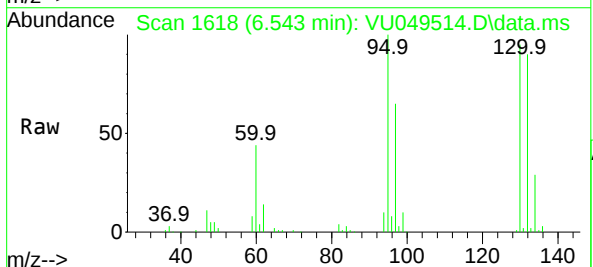


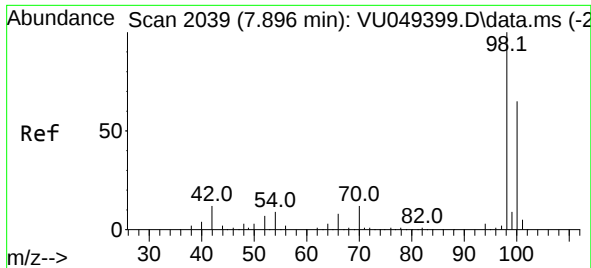
Tgt Ion:117 Resp: 27205
Ion Ratio Lower Upper
117 100
119 4.1 76.8 115.2#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 21.206 ug/l
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion:130 Resp: 71898
Ion Ratio Lower Upper
130 100
95 105.0 0.0 184.6

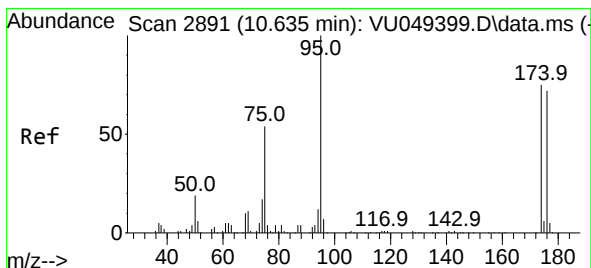
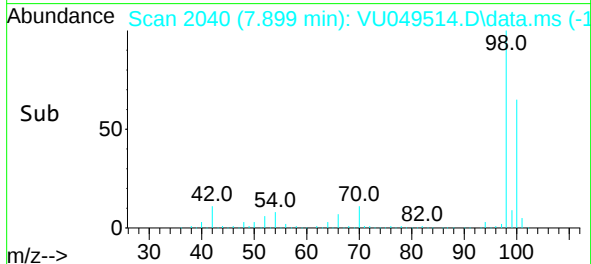
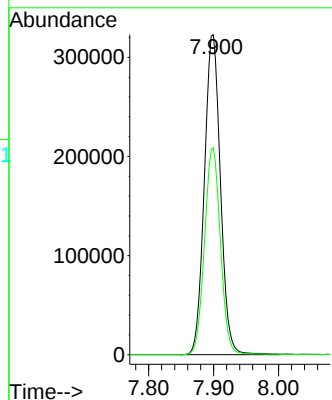
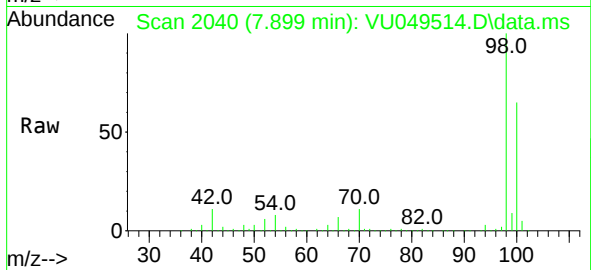




#50
Toluene-d8
Concen: 47.957 ug/l
RT: 7.899 min Scan# 2039
Delta R.T. 0.003 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

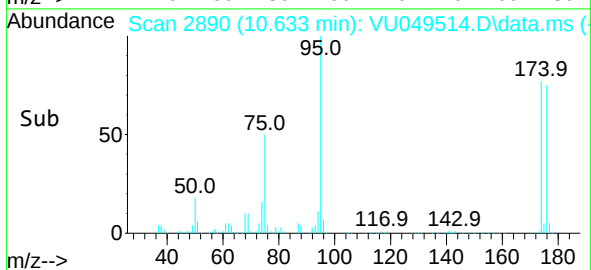
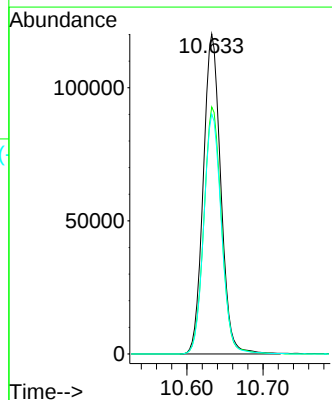
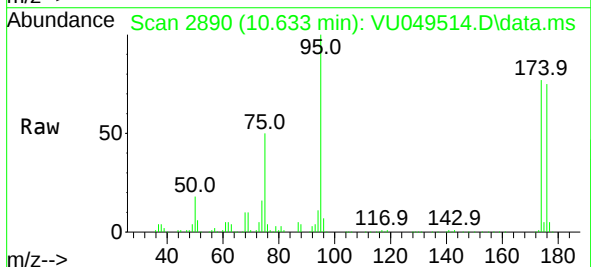
Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

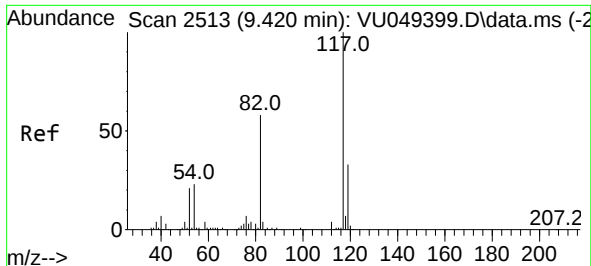
Tgt Ion: 98 Resp: 557256
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.189 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion: 95 Resp: 192247
Ion Ratio Lower Upper
95 100
174 77.8 0.0 182.0
176 75.8 0.0 177.8

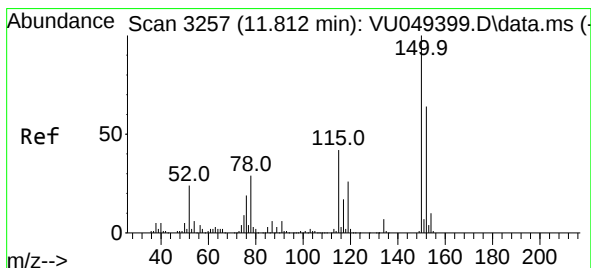
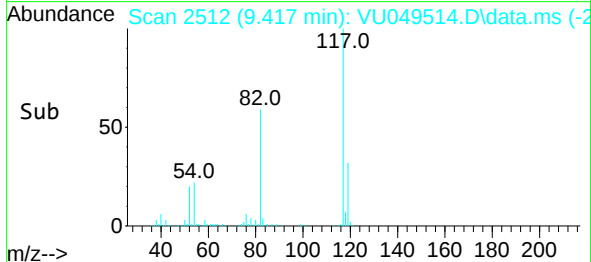
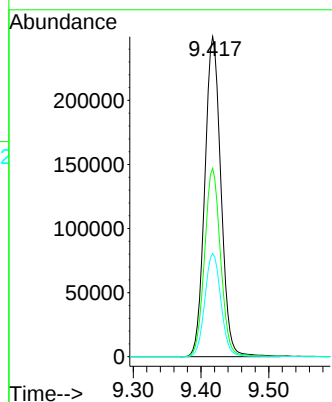
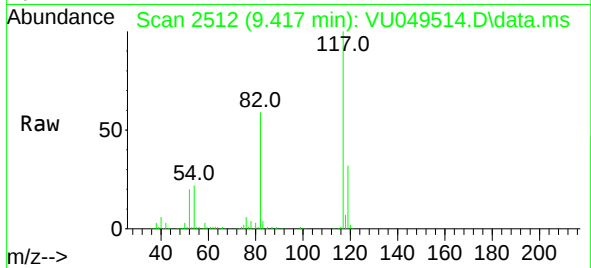




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

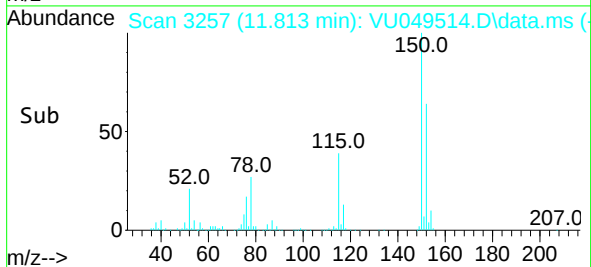
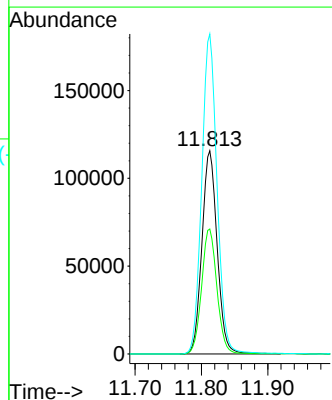
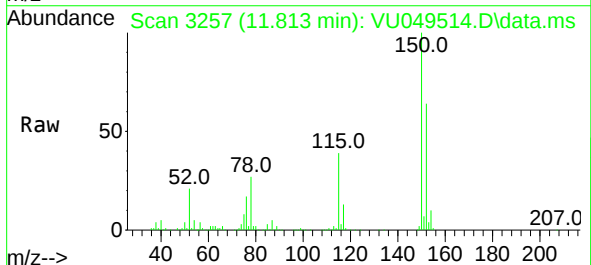
Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

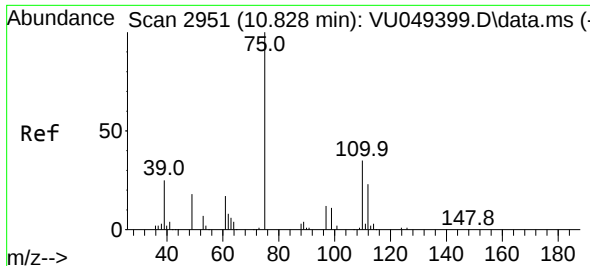
Tgt Ion:117 Resp: 413018
Ion Ratio Lower Upper
117 100
82 58.8 41.7 62.5
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Tgt Ion:152 Resp: 184690
Ion Ratio Lower Upper
152 100
115 61.7 37.0 110.9
150 157.7 0.0 342.2

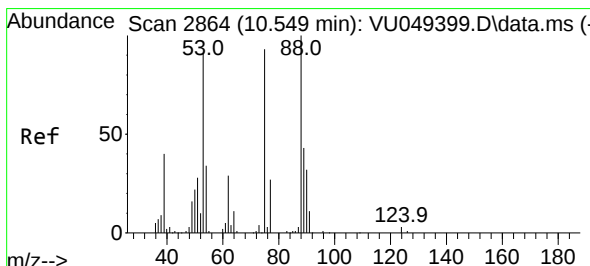
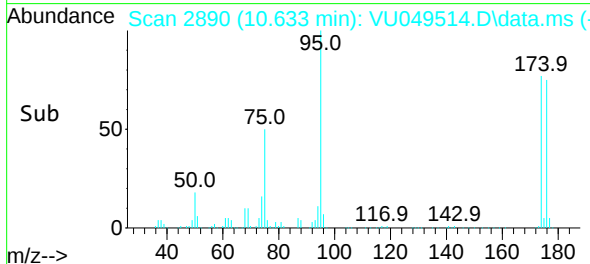
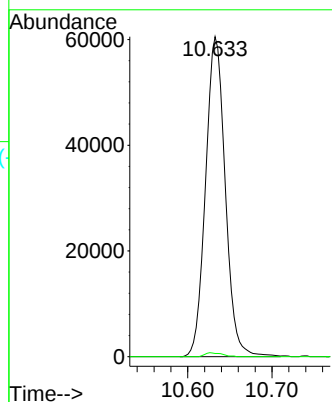
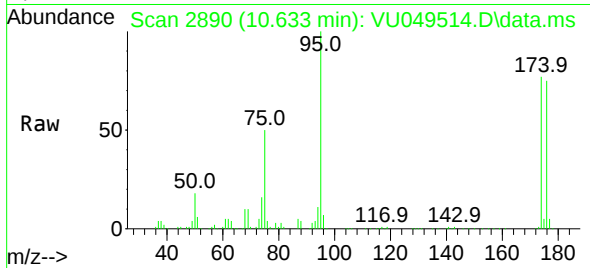




#76
1,2,3-Trichloropropane
Concen: 15.735 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. -0.196 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

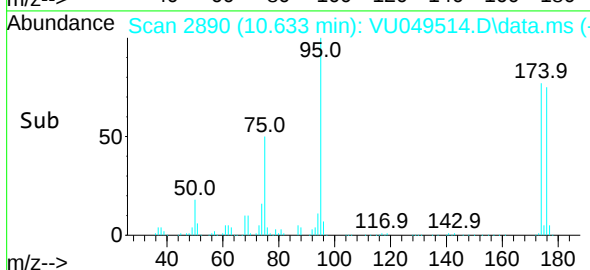
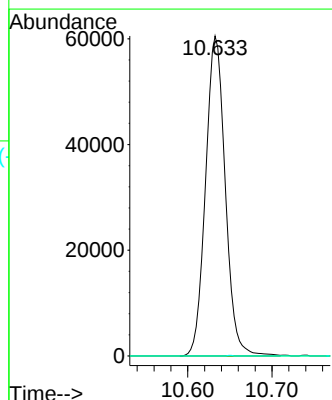
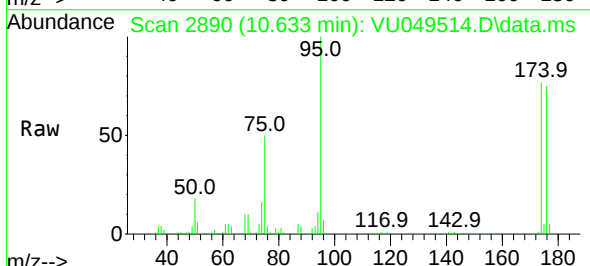
Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

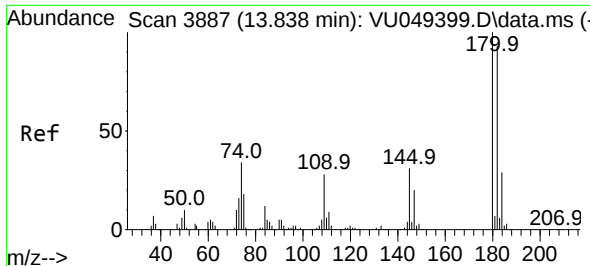
Tgt Ion: 75 Resp: 98514
Ion Ratio Lower Upper
75 100
77 1.1 15.8 47.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.107 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.084 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

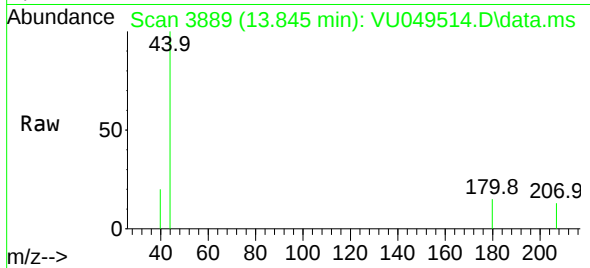
Tgt Ion: 75 Resp: 98514
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.1 37.0 55.6#



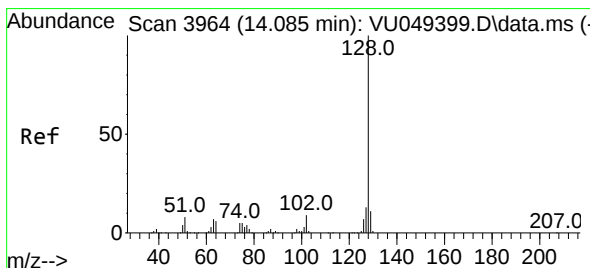
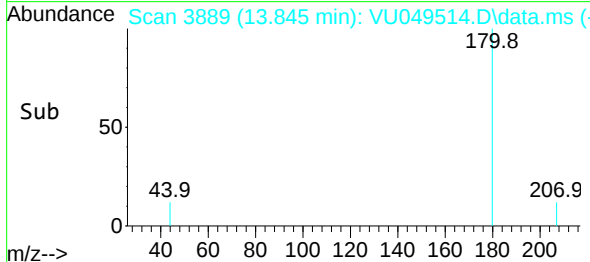
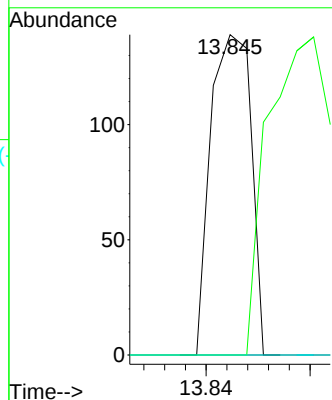


#93
1,2,4-Trichlorobenzene
Concen: 1.771 ug/l
RT: 13.845 min Scan# 3911
Delta R.T. 0.007 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
RE108D2-20220614DL

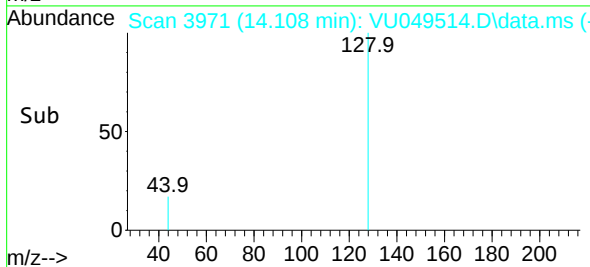
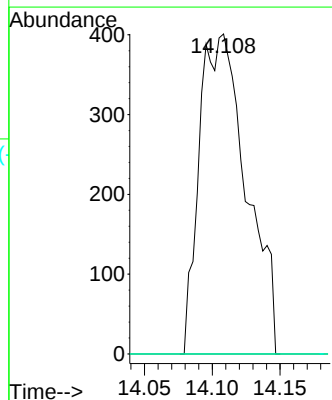
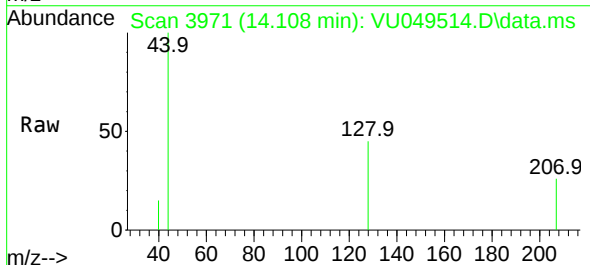


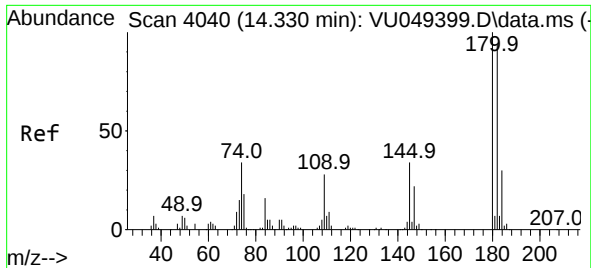
Tgt Ion:180 Resp: 75
Ion Ratio Lower Upper
180 100
182 149.3 47.9 143.6#
145 0.0 14.0 41.9#



#95
Naphthalene
Concen: 1.801 ug/l
RT: 14.108 min Scan# 3971
Delta R.T. 0.023 min
Lab File: VU049514.D
Acq: 29 Jun 2022 15:48

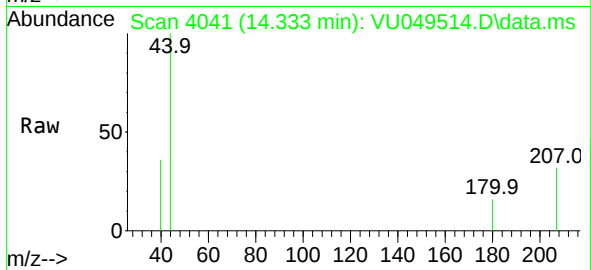
Tgt Ion:128 Resp: 972
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.192 ug/l
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU049514.D
 Acq: 29 Jun 2022 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 RE108D2-20220614DL



Tgt Ion:180 Resp: 65
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.4 145.0#
 145 0.0 14.8 44.4#

