

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031172.D
 Acq On : 07 Sep 2022 20:22
 Operator : JC/MD
 Sample : N4357-09DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20220823DL

Quant Time: Sep 07 23:27:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

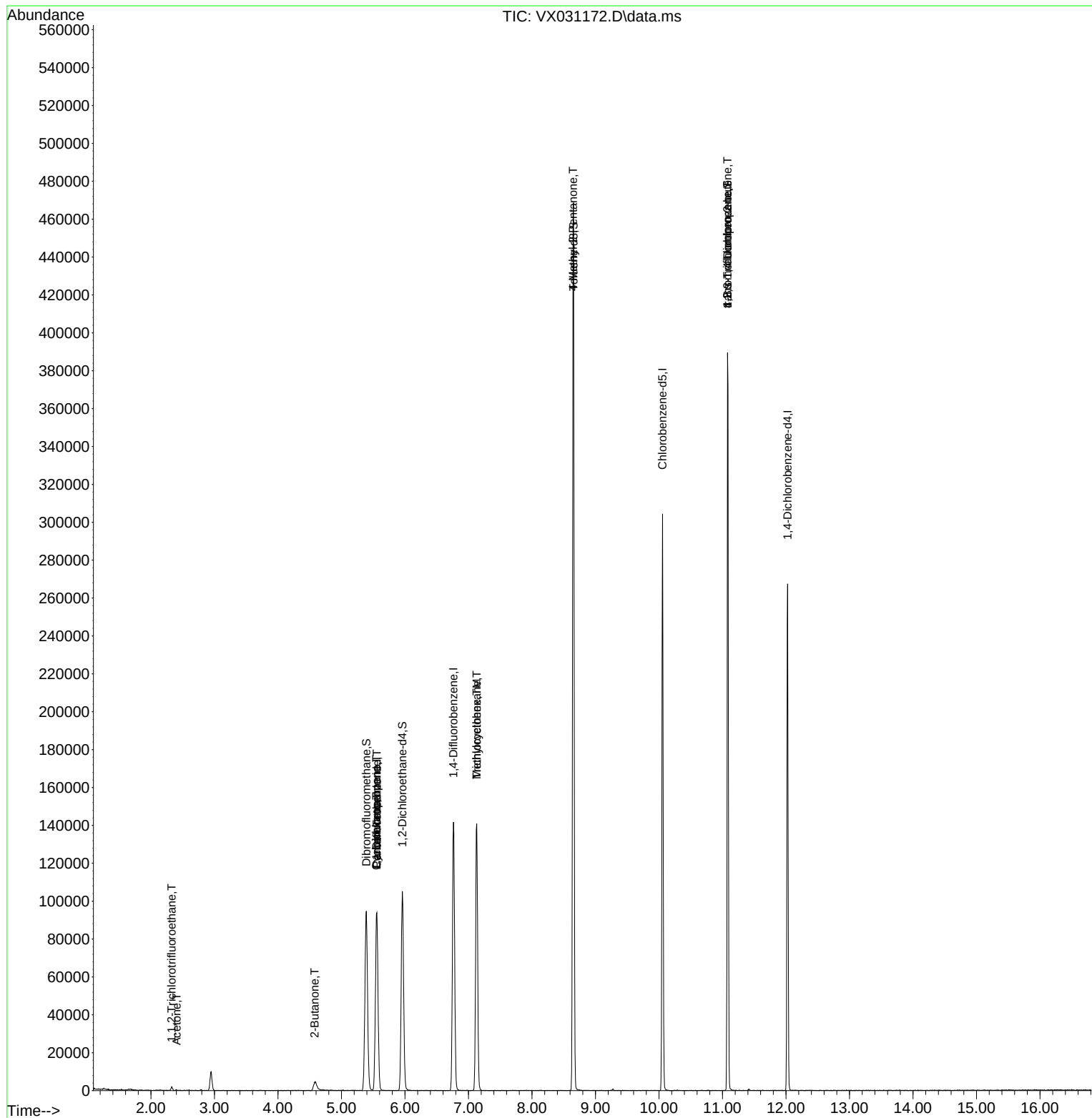
Internal Standards						
1) Pentafluorobenzene	5.556	168	82539	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	145644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110584	56.589	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.180%
35) Dibromofluoromethane	5.391	113	84055	52.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	8.653	98	287461	49.851	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	108871	51.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	836	0.564	ug/l	94
11) Tert butyl alcohol	2.941	59	5605	Below Cal	#	74
16) Acetone	2.404	43	332	0.491	ug/l	# 40
25) 2-Butanone	4.574	43	305	0.304	ug/l	# 48
31) Cyclohexane	5.550	56	1989	0.911	ug/l	# 13
36) 1,1-Dichloropropene	5.550	75	7311	3.076	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	9531	3.811	ug/l	# 16
39) Methylcyclohexane	7.129	83	665	0.245	ug/l	# 4
44) Trichloroethene	7.129	130	55427	30.539	ug/l	96
51) 4-Methyl-2-Pentanone	8.647	43	1142	0.561	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	57987	38.502	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	57987	124.164	ug/l	# 12

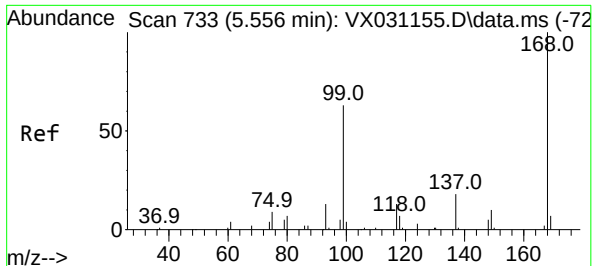
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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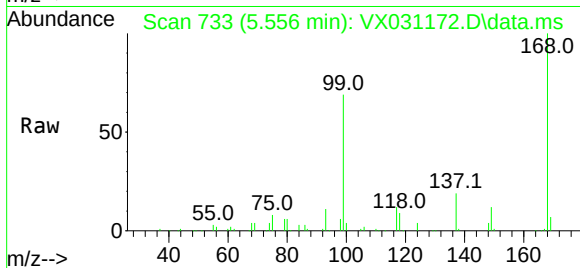
Quant Time: Sep 07 23:27:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
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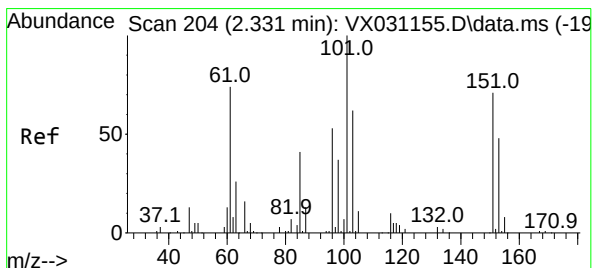
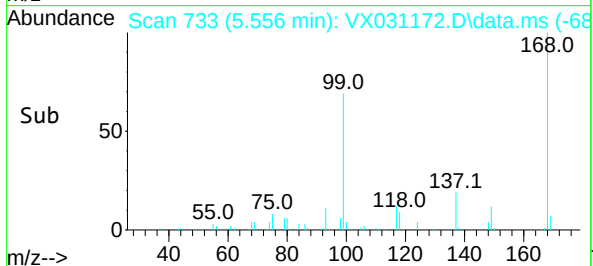
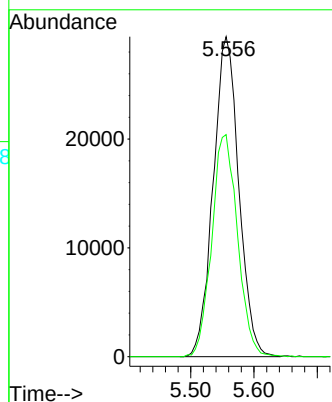


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

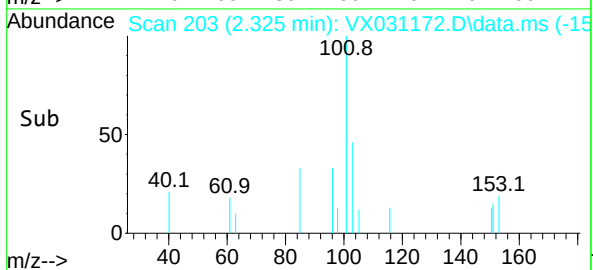
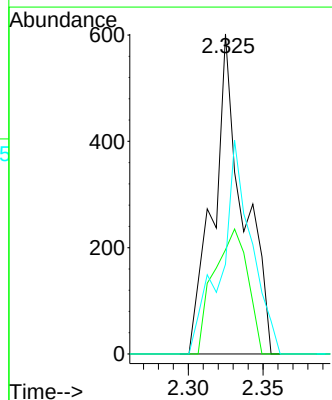
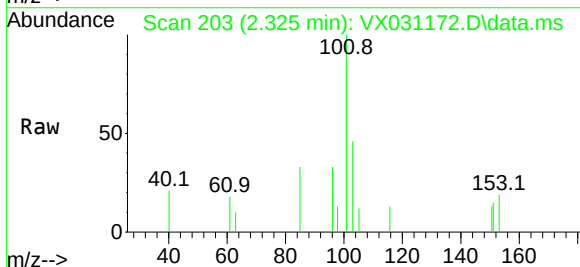


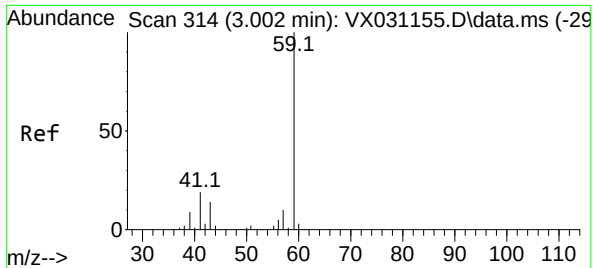
Tgt Ion:168 Resp: 82539
Ion Ratio Lower Upper
168 100
99 69.4 44.0 66.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.564 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion:101 Resp: 836
Ion Ratio Lower Upper
101 100
85 44.4 34.0 51.0
151 67.9 59.4 89.0

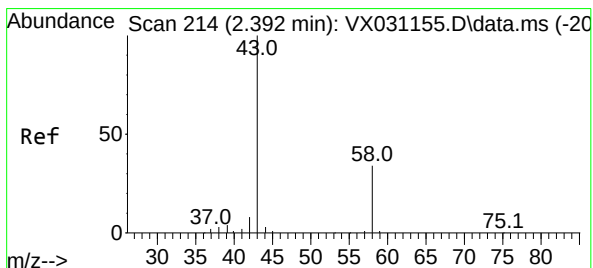
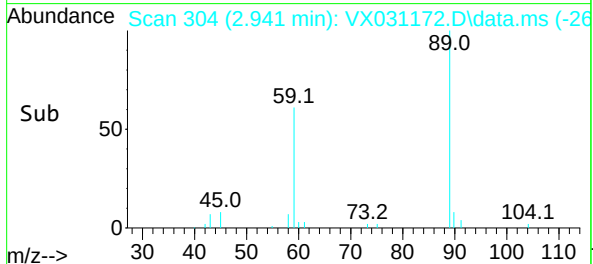
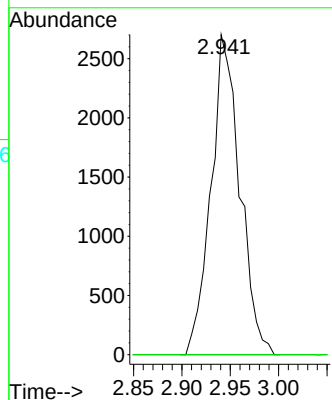
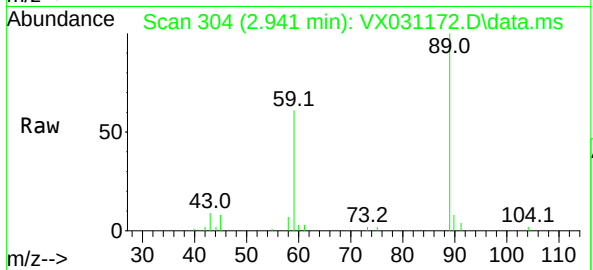




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

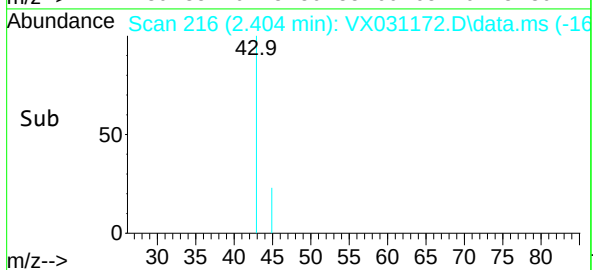
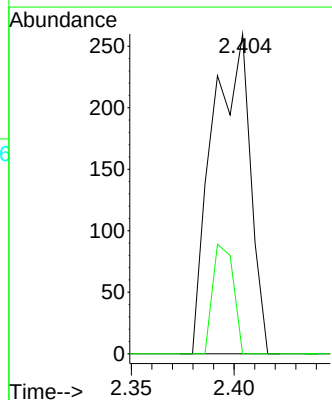
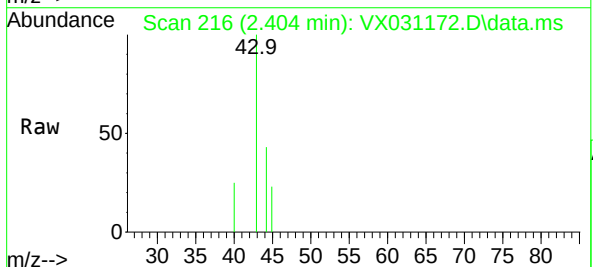
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

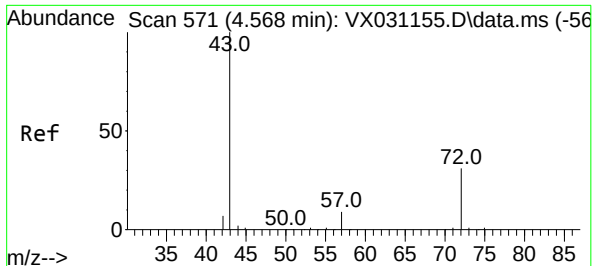
Tgt Ion: 59 Resp: 5605
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 0.491 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#25

2-Butanone

Concen: 0.304 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

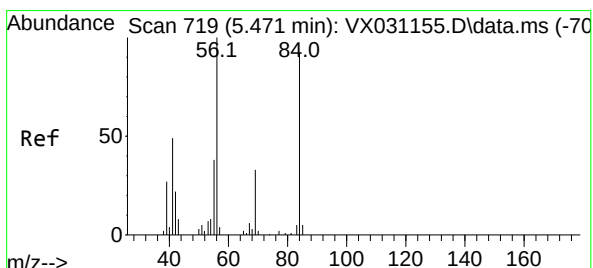
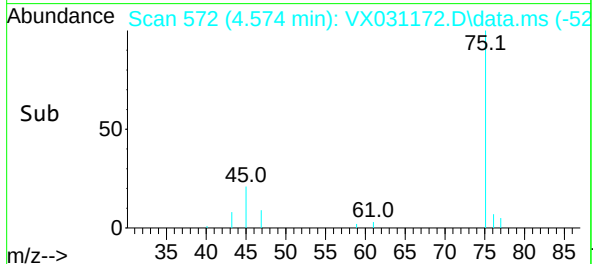
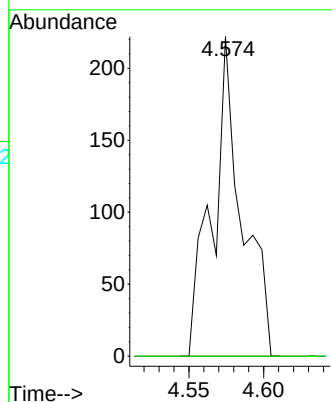
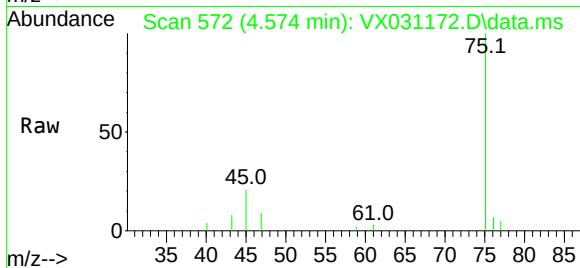
RE137-20220823DL

Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 0.911 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

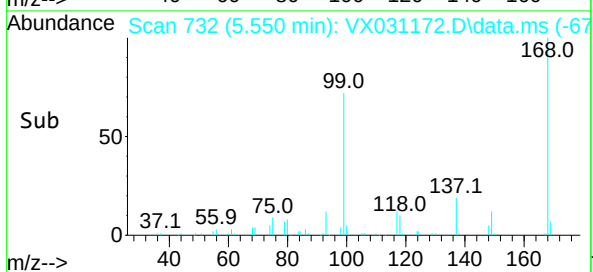
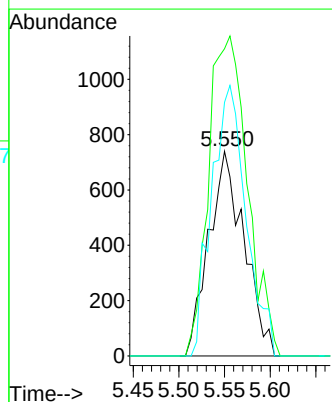
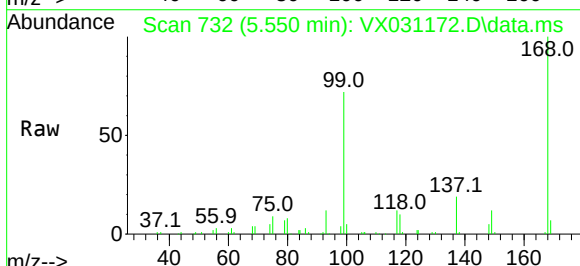
Tgt Ion: 56 Resp: 1989

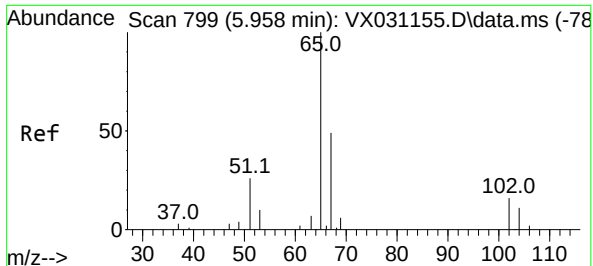
Ion Ratio Lower Upper

56 100

69 150.1 25.4 38.0#

84 123.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 56.589 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

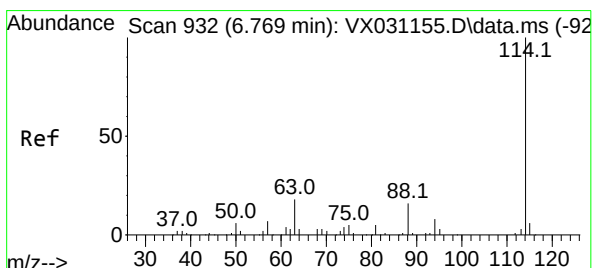
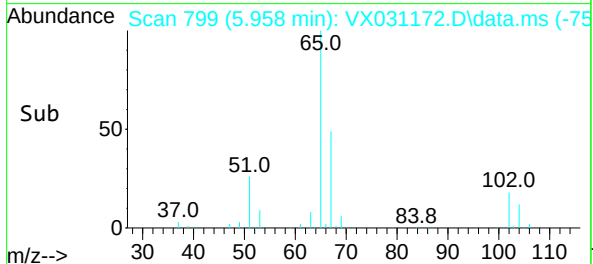
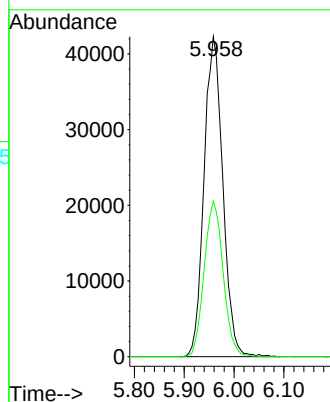
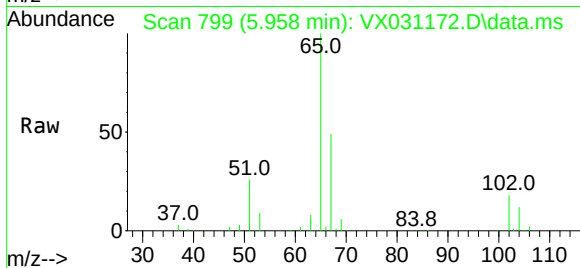
RE137-20220823DL

Tgt Ion: 65 Resp: 110584

Ion Ratio Lower Upper

65 100

67 49.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

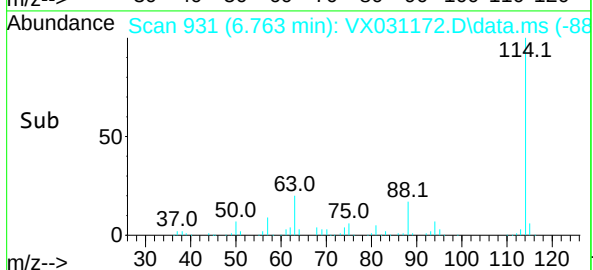
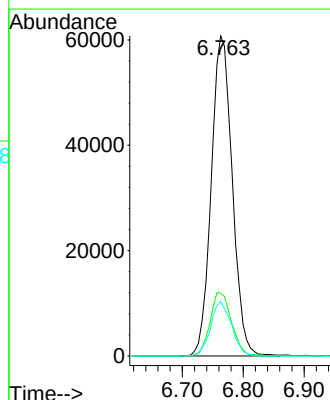
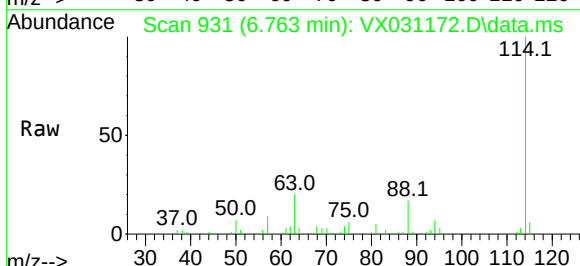
Tgt Ion: 114 Resp: 145644

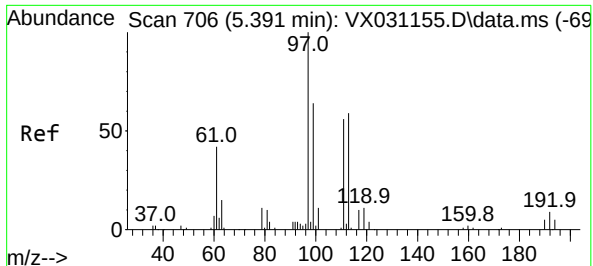
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 17.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.960 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031172.D

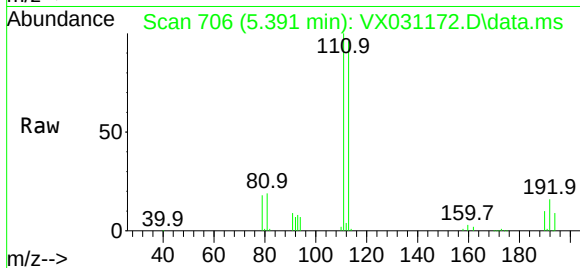
Acq: 07 Sep 2022 20:22

Instrument :

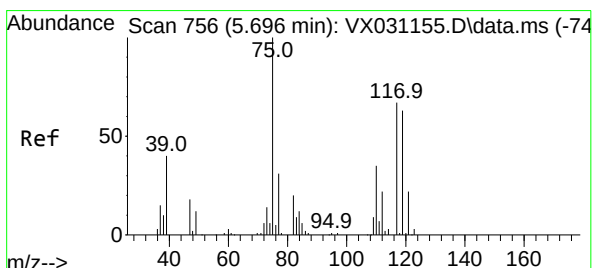
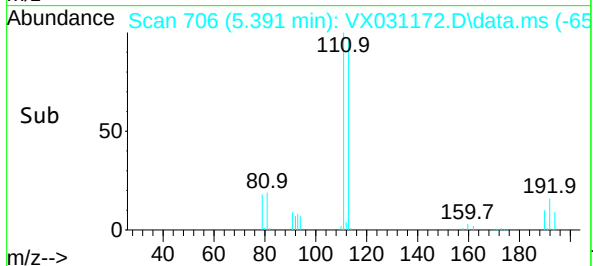
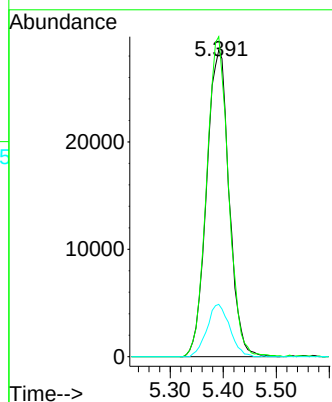
MSVOA_X

ClientSampleId :

RE137-20220823DL



Tgt Ion:	113	Resp:	84055
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	17.3	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.076 ug/l

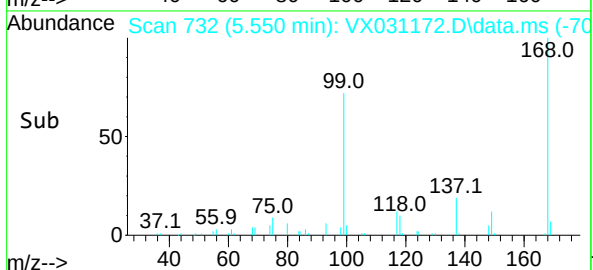
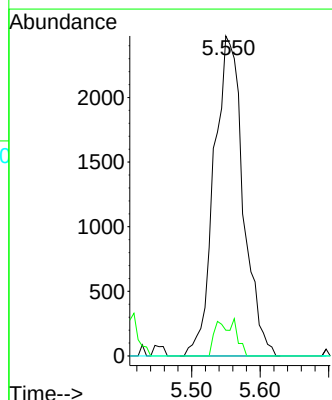
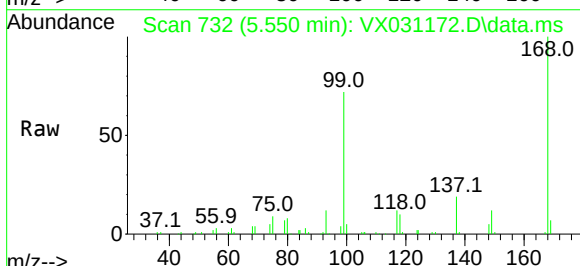
RT: 5.550 min Scan# 732

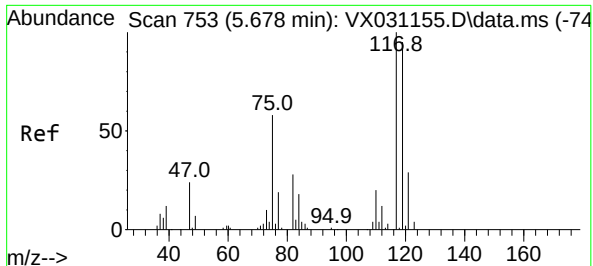
Delta R.T. -0.146 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

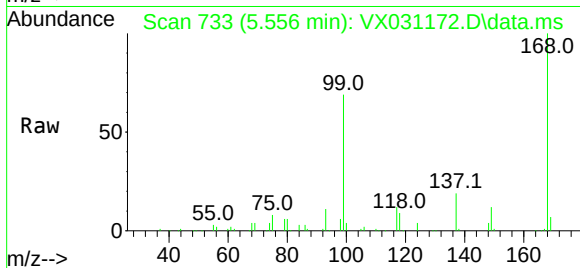
Tgt Ion:	75	Resp:	7311
Ion	Ratio	Lower	Upper
75	100		
110	7.8	19.3	57.9#
77	0.0	24.4	36.6#



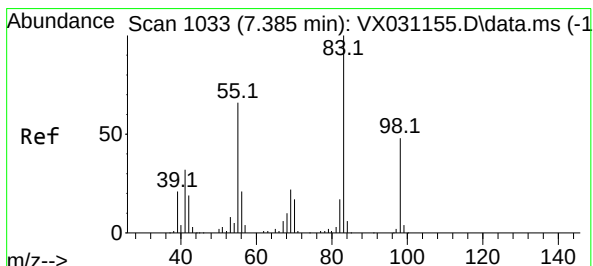
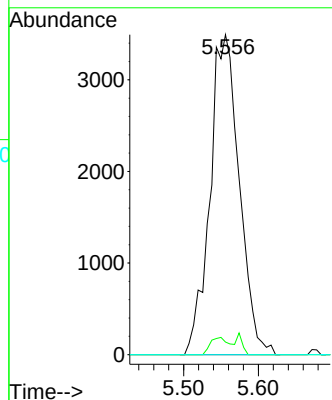
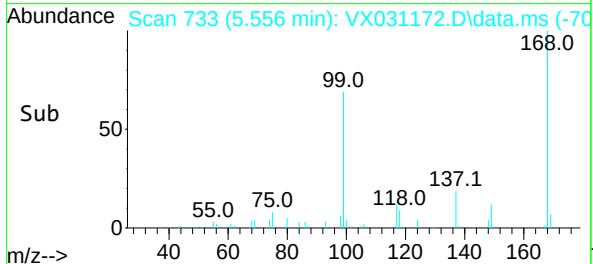


#38
Carbon Tetrachloride
Concen: 3.811 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

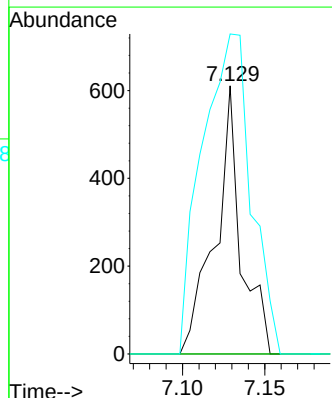
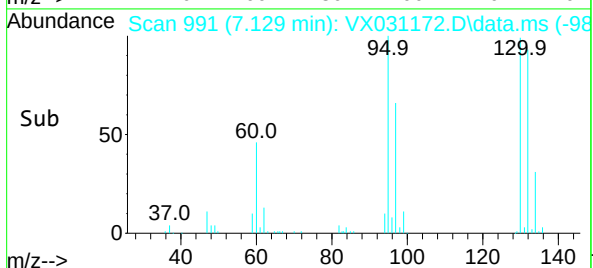
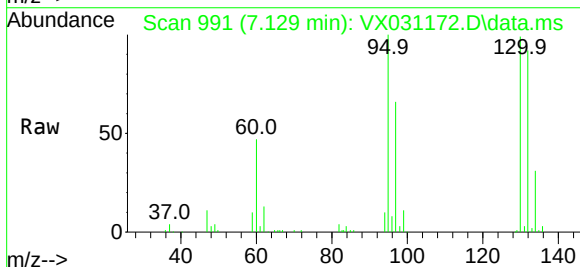


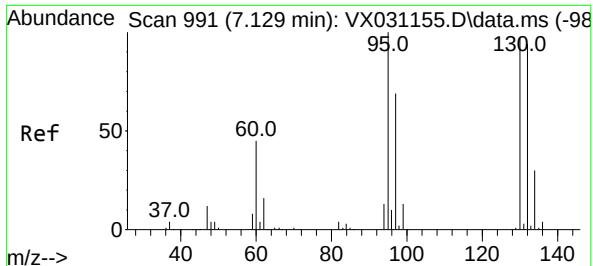
Tgt Ion:117 Resp: 9531
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.245 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion: 83 Resp: 665
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 119.3 36.5 54.7#

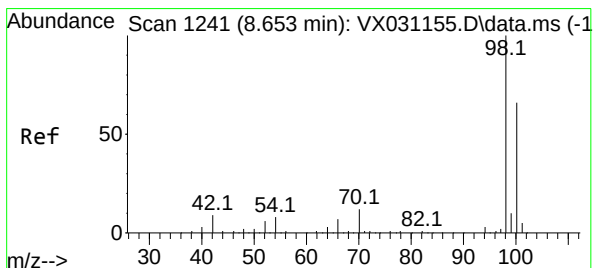
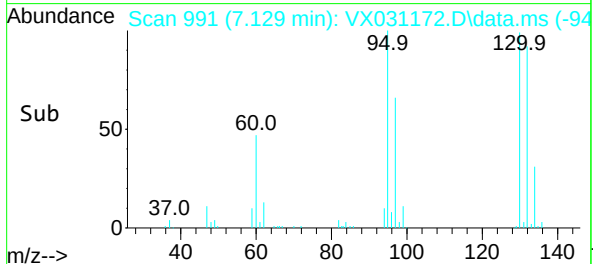
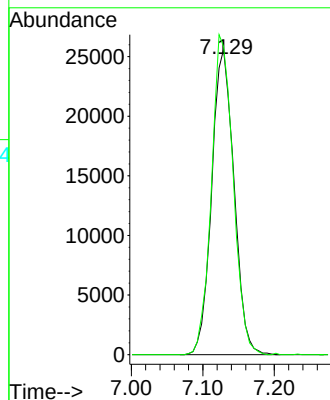
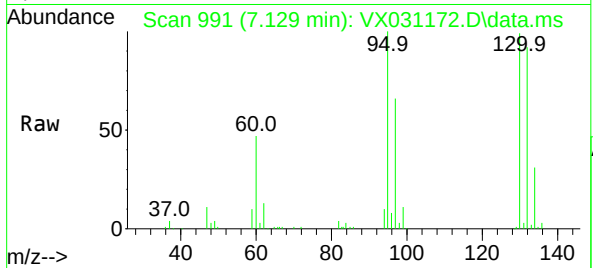




#44
Trichloroethene
Concen: 30.539 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

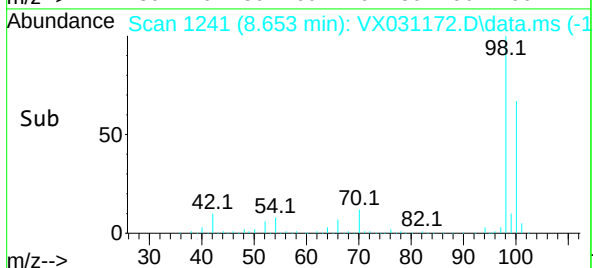
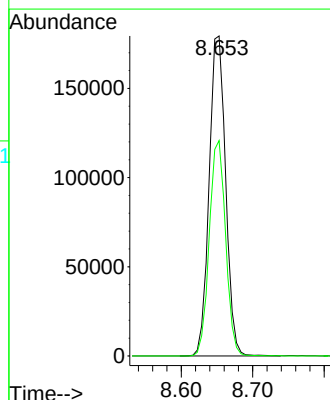
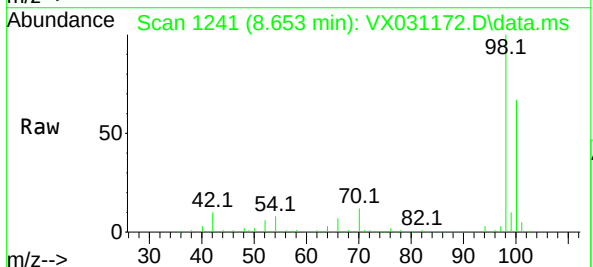
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

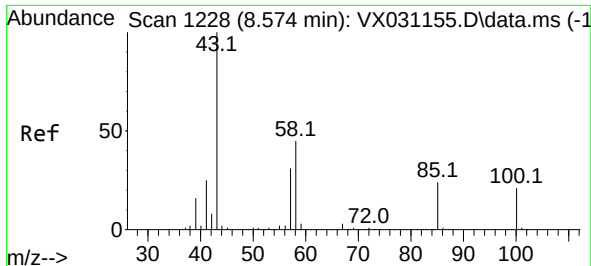
Tgt Ion:130 Resp: 55427
Ion Ratio Lower Upper
130 100
95 100.9 0.0 194.8



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion: 98 Resp: 287461
Ion Ratio Lower Upper
98 100
100 66.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

Instrument :

MSVOA_X

ClientSampleId :

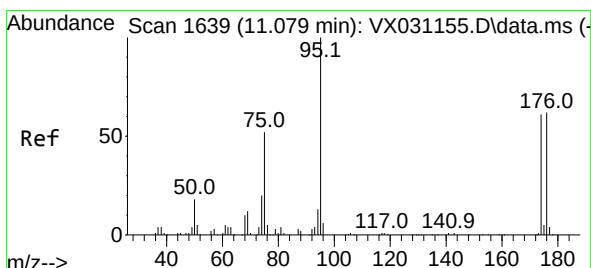
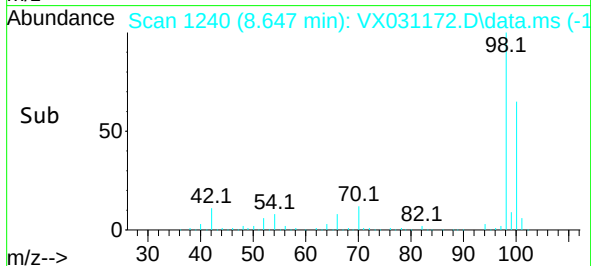
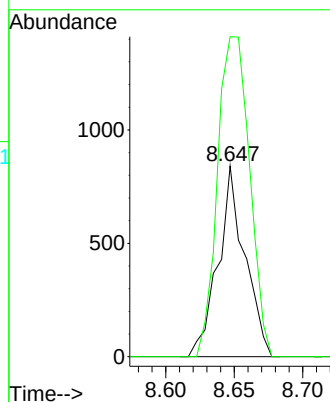
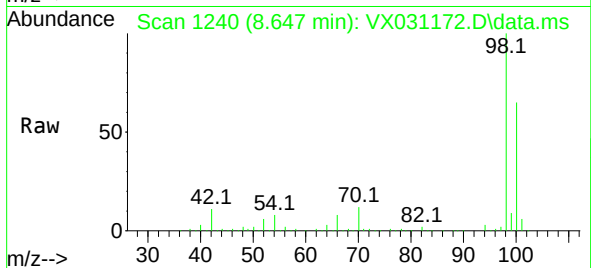
RE137-20220823DL

Tgt Ion: 43 Resp: 1142

Ion Ratio Lower Upper

43 100

58 201.4 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 51.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031172.D

Acq: 07 Sep 2022 20:22

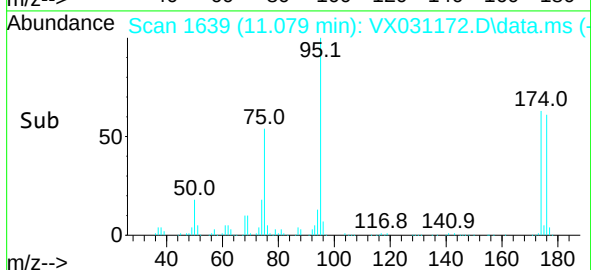
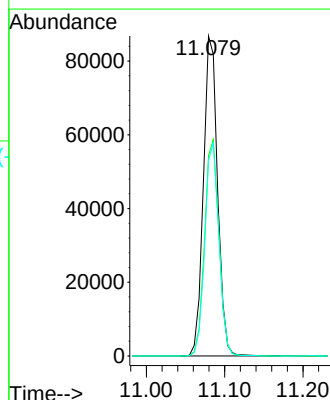
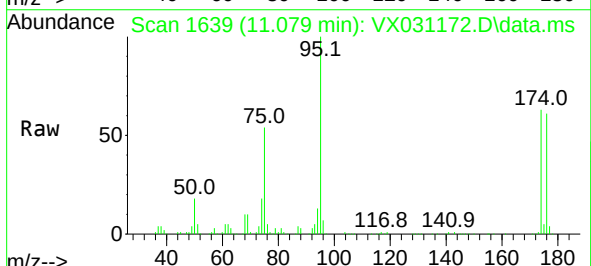
Tgt Ion: 95 Resp: 108871

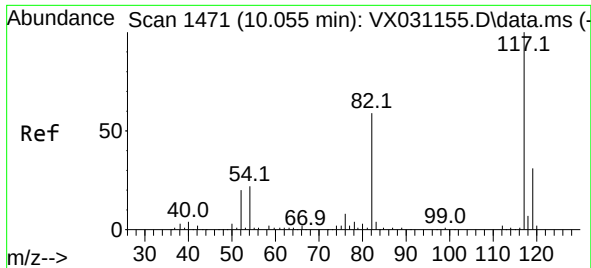
Ion Ratio Lower Upper

95 100

174 68.3 0.0 149.0

176 66.3 0.0 146.0

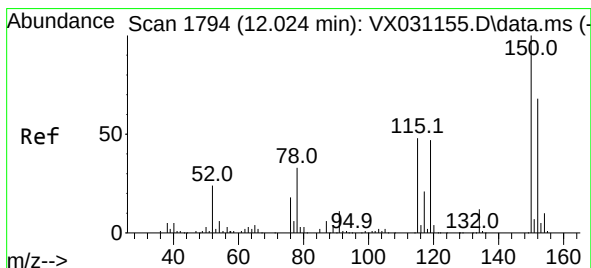
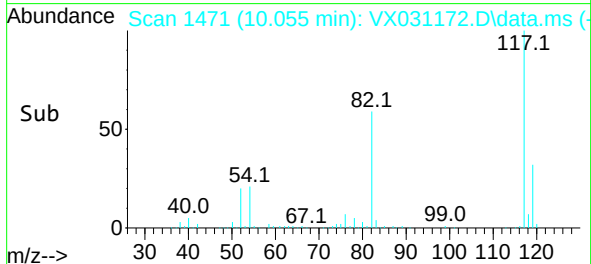
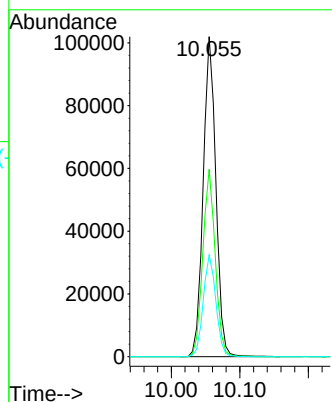
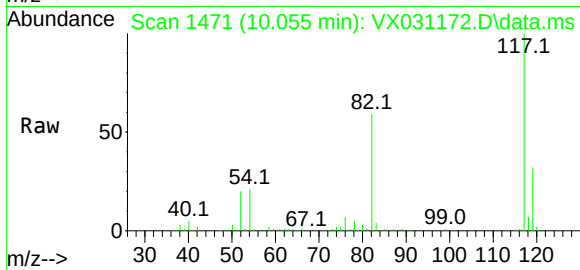




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

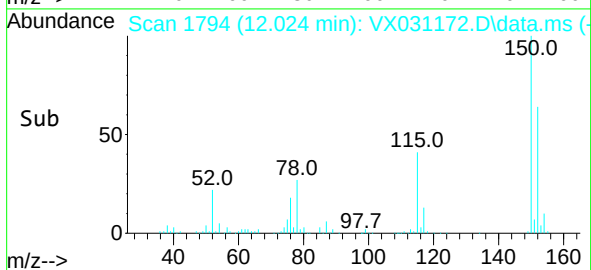
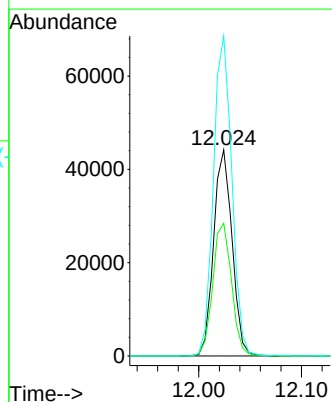
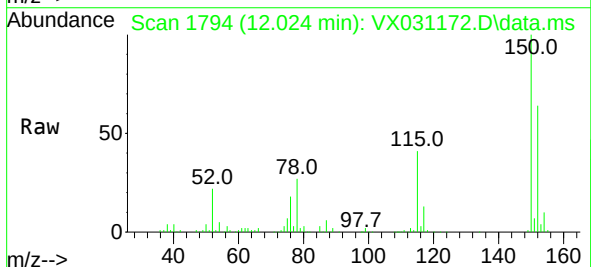
Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

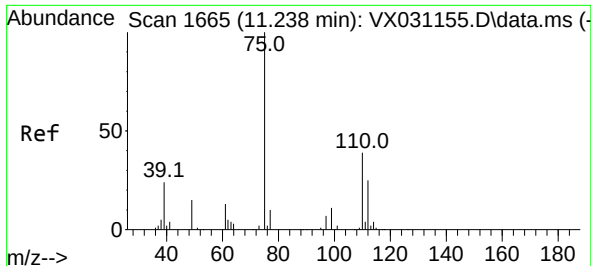
Tgt Ion:117 Resp: 131399
Ion Ratio Lower Upper
117 100
82 58.5 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion:152 Resp: 55185
Ion Ratio Lower Upper
152 100
115 65.5 40.5 121.5
150 154.4 0.0 347.0

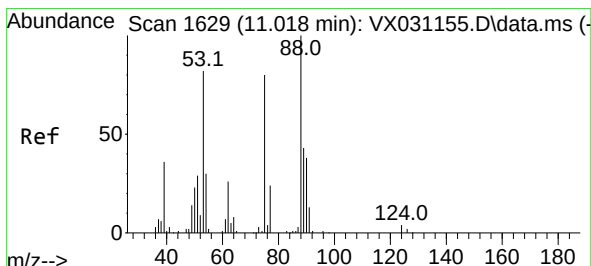
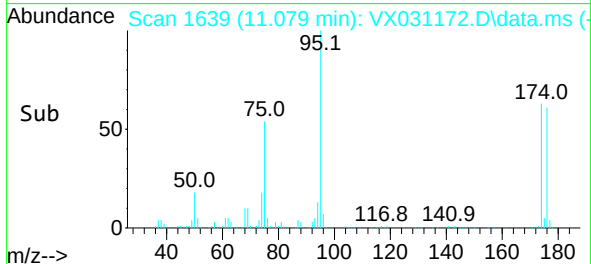
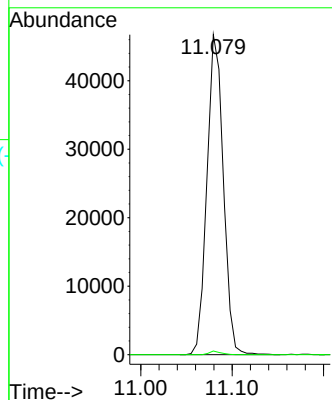
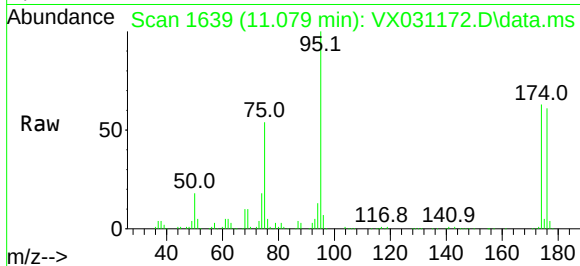




#76
1,2,3-Trichloropropane
Concen: 38.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Instrument :
MSVOA_X
ClientSampleId :
RE137-20220823DL

Tgt Ion: 75 Resp: 57987
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.164 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031172.D
Acq: 07 Sep 2022 20:22

Tgt Ion: 75 Resp: 57987
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

