

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031092.D
 Acq On : 03 Sep 2022 19:00
 Operator : JC/MD
 Sample : N4357-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20220823

Quant Time: Sep 06 00:16:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

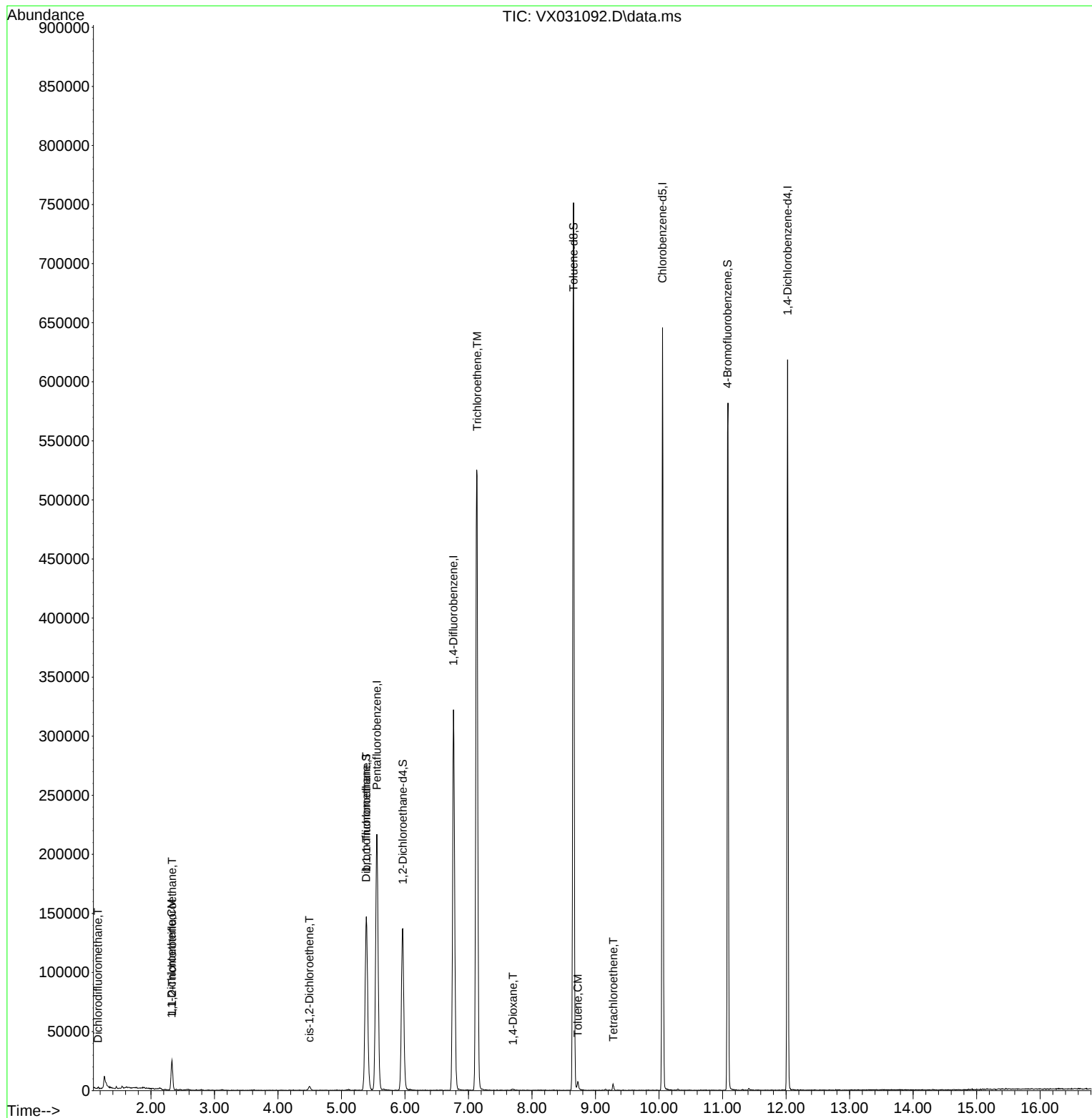
Internal Standards						
1) Pentafluorobenzene	5.556	168	213631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	351531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138429	50.360	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.720%	
35) Dibromofluoromethane	5.385	113	128524	50.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	8.653	98	455188	48.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	11.079	95	156610	46.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	710	0.323	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	8956	3.485	ug/l	91
12) 1,1-Dichloroethene	2.325	96	1361	0.548	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	2626	0.848	ug/l	65
32) 1,1,1-Trichloroethane	5.391	97	1351	0.321	ug/l #	45
44) Trichloroethene	7.135	130	224839	68.856	ug/l	91
49) 1,4-Dioxane	7.702	88	977	13.039	ug/l #	83
52) Toluene	8.720	92	2592	0.387	ug/l	91
64) Tetrachloroethene	9.281	164	886	0.286	ug/l #	76

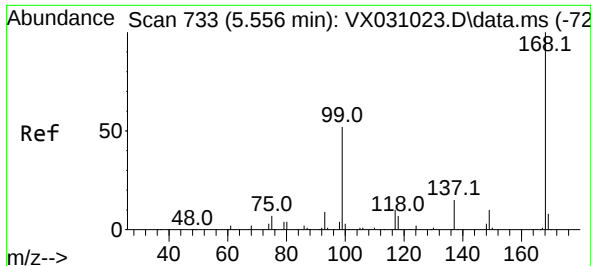
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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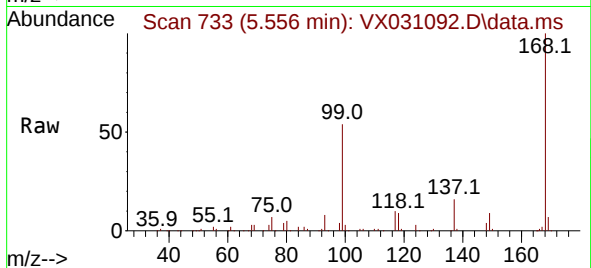
Quant Time: Sep 06 00:16:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
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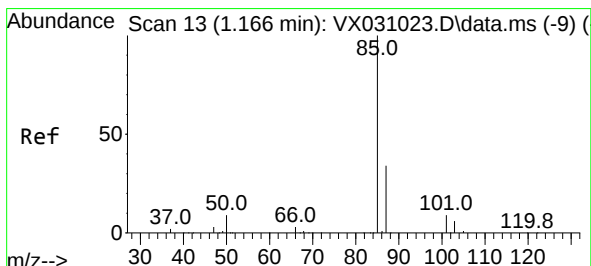
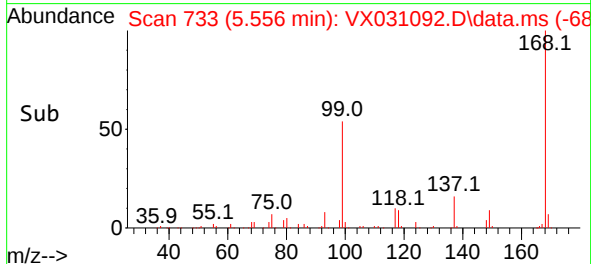
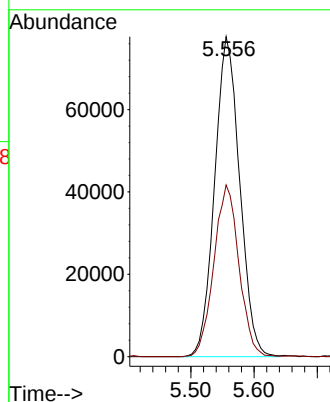


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220823

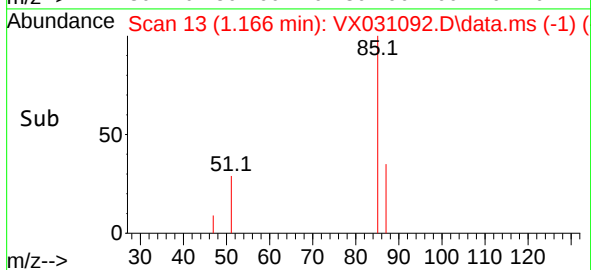
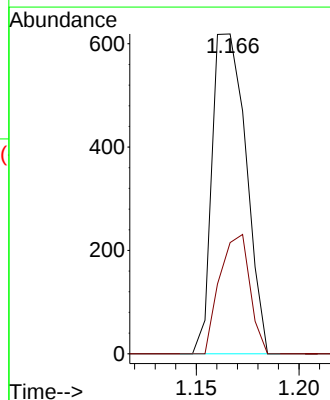
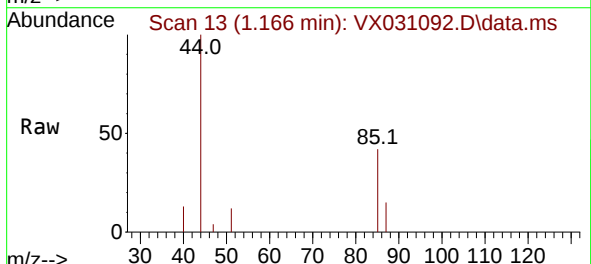


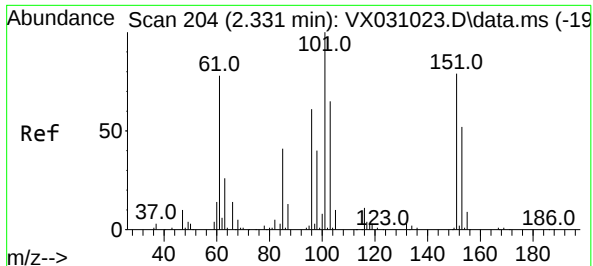
Tgt Ion:168 Resp: 213631
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.323 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

Tgt Ion: 85 Resp: 710
Ion Ratio Lower Upper
85 100
87 34.7 16.5 49.5

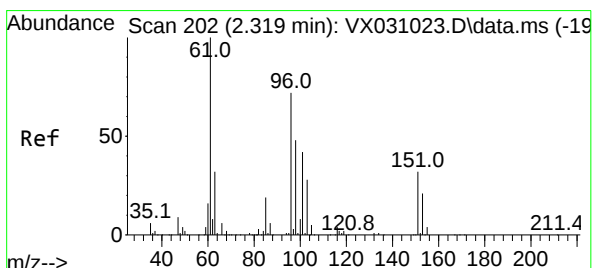
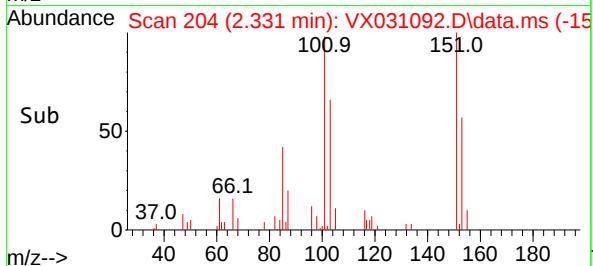
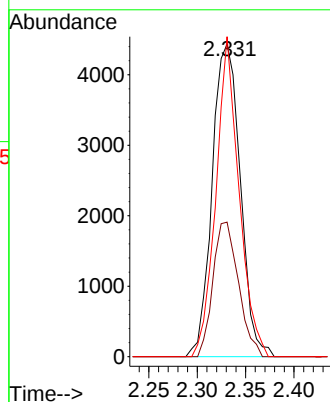
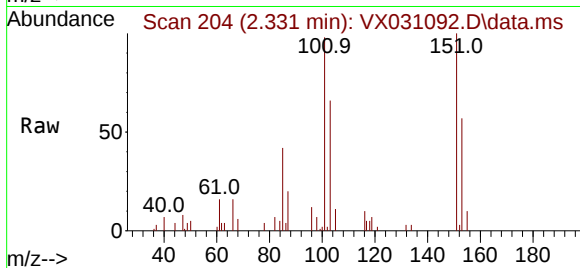




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3.485 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX031092.D
 Acq: 03 Sep 2022 19:00

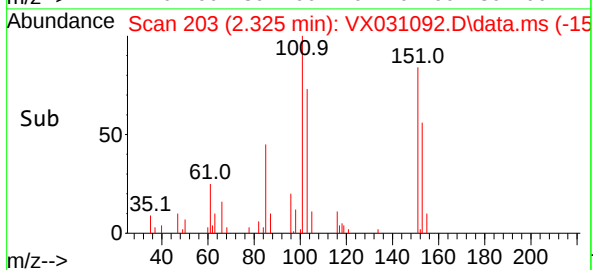
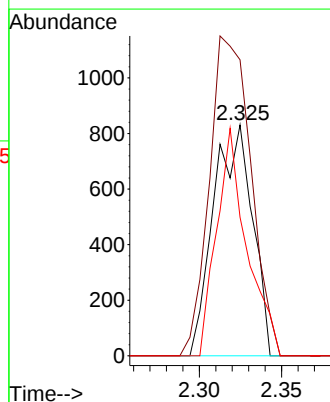
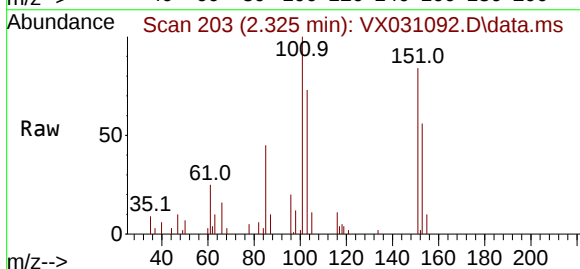
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20220823

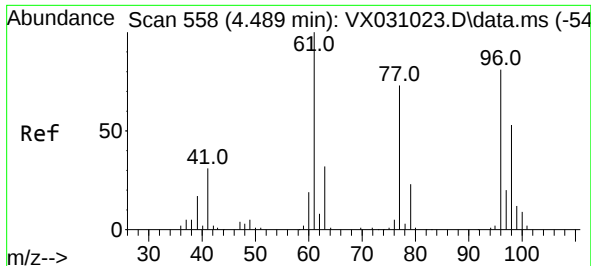
Tgt Ion:	101	Resp:	8956
Ion	Ratio	Lower	Upper
101	100		
85	39.1	34.0	51.0
151	84.1	59.4	89.0



#12
 1,1-Dichloroethene
 Concen: 0.548 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031092.D
 Acq: 03 Sep 2022 19:00

Tgt Ion:	96	Resp:	1361
Ion	Ratio	Lower	Upper
96	100		
61	128.2	117.4	176.0
98	60.0	52.2	78.4





#27

cis-1,2-Dichloroethene

Concen: 0.848 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031092.D

Acq: 03 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220823

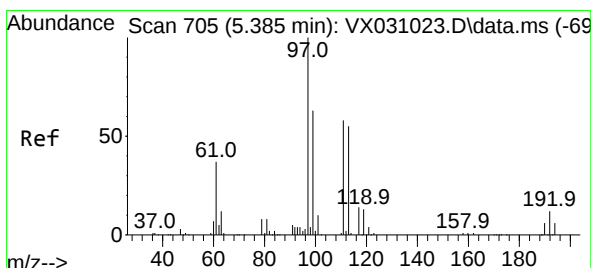
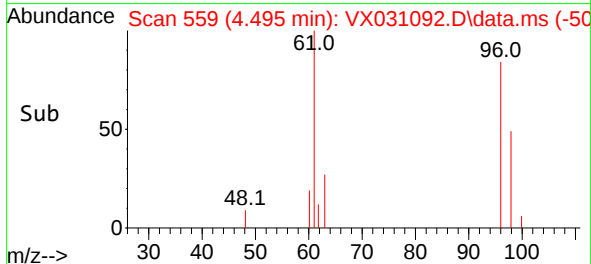
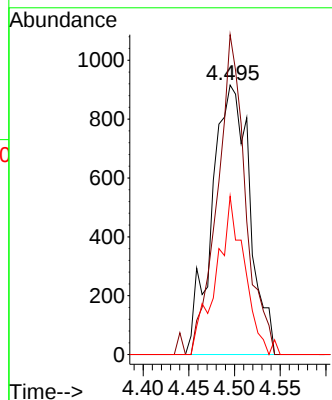
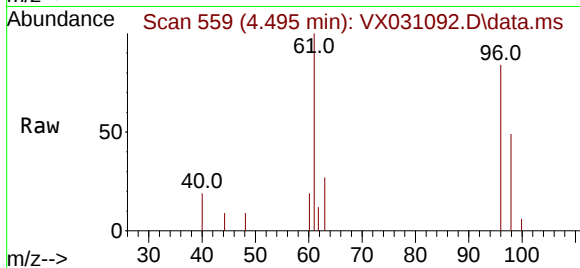
Tgt Ion: 96 Resp: 2626

Ion Ratio Lower Upper

96 100

61 88.3 0.0 270.0

98 44.6 0.0 127.8



#32

1,1,1-Trichloroethane

Concen: 0.321 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031092.D

Acq: 03 Sep 2022 19:00

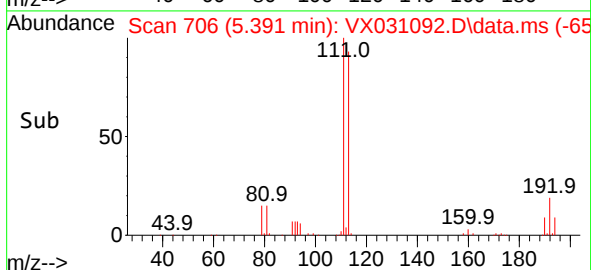
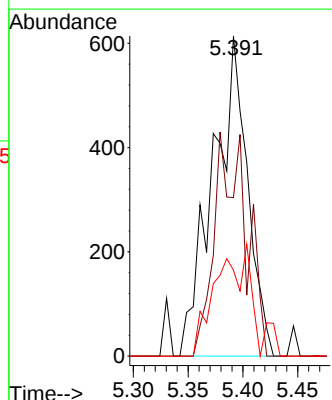
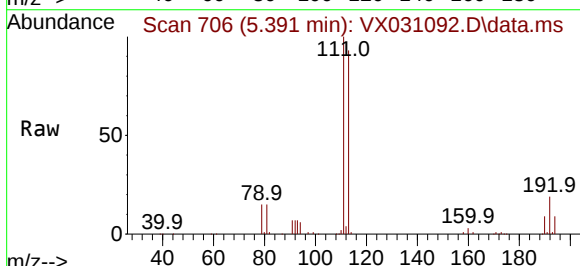
Tgt Ion: 97 Resp: 1351

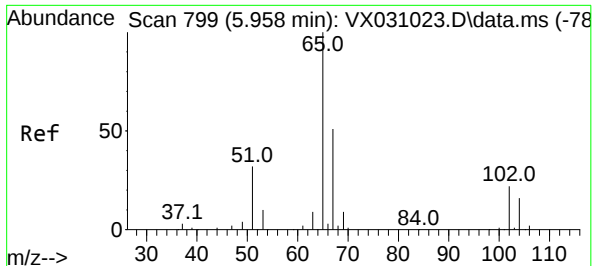
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 33.5 35.8 53.8#





#33

1,2-Dichloroethane-d4

Concen: 50.360 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031092.D

Acq: 03 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

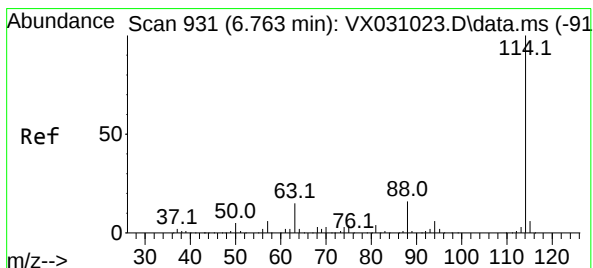
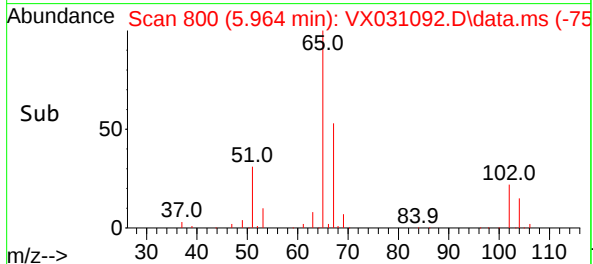
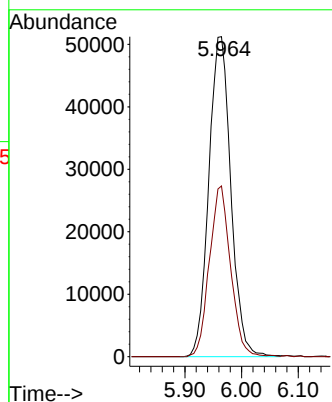
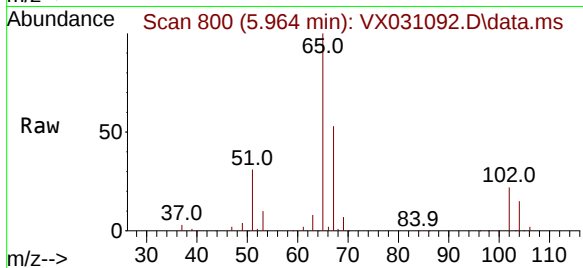
RE105D1-20220823

Tgt Ion: 65 Resp: 138429

Ion Ratio Lower Upper

65 100

67 51.2 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: VX031092.D

Acq: 03 Sep 2022 19:00

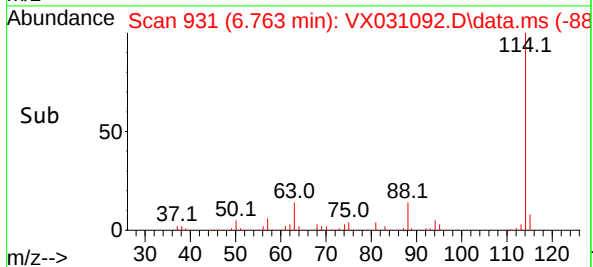
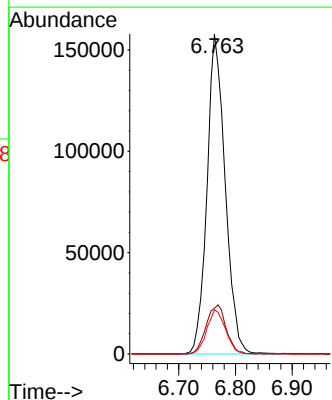
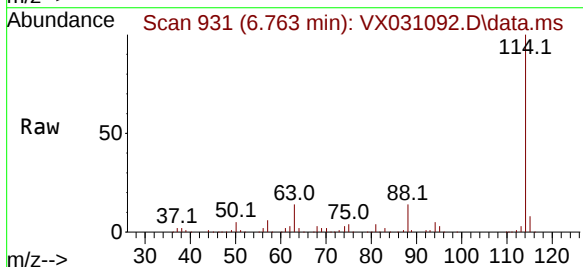
Tgt Ion: 114 Resp: 351531

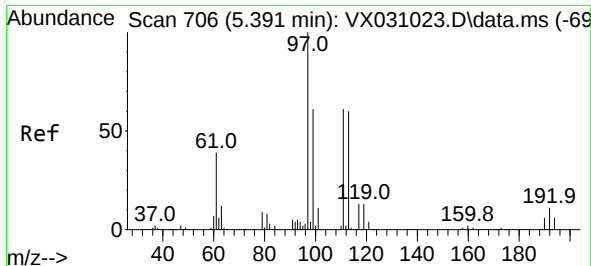
Ion Ratio Lower Upper

114 100

63 14.3 0.0 38.4

88 13.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.100 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031092.D

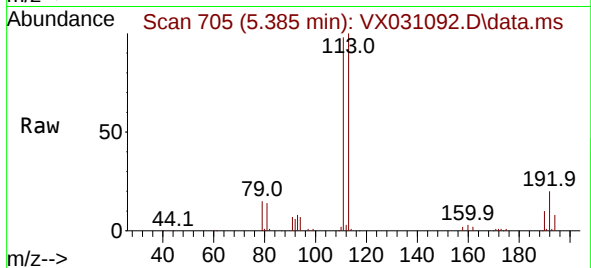
Acq: 03 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220823



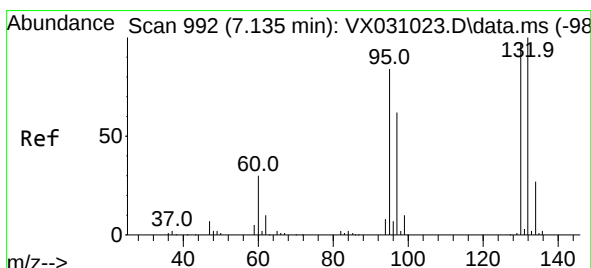
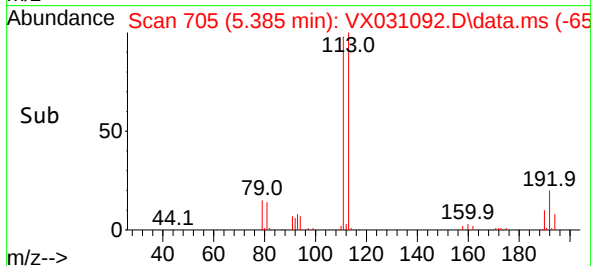
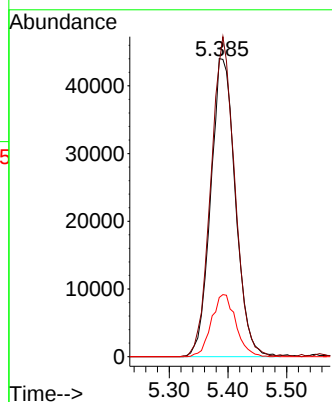
Tgt Ion:113 Resp: 128524

Ion Ratio Lower Upper

113 100

111 104.1 83.2 124.8

192 20.6 14.8 22.2



#44

Trichloroethene

Concen: 68.856 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX031092.D

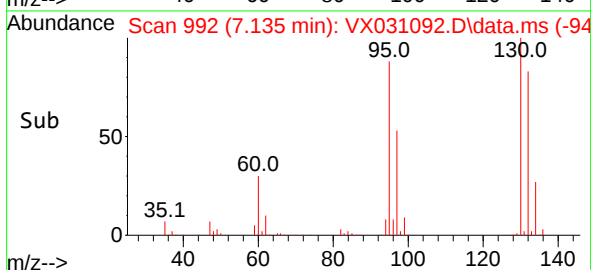
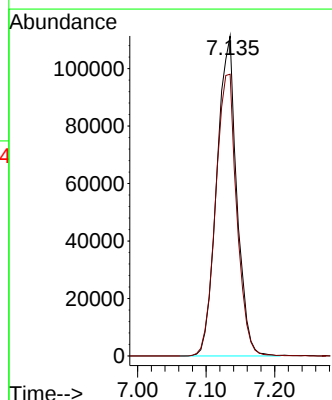
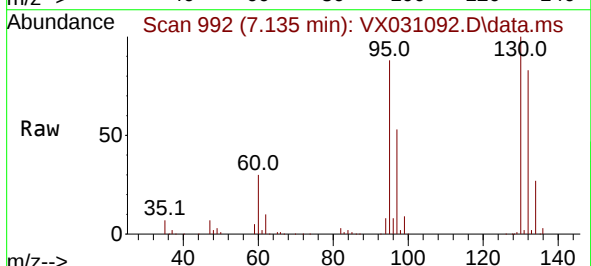
Acq: 03 Sep 2022 19:00

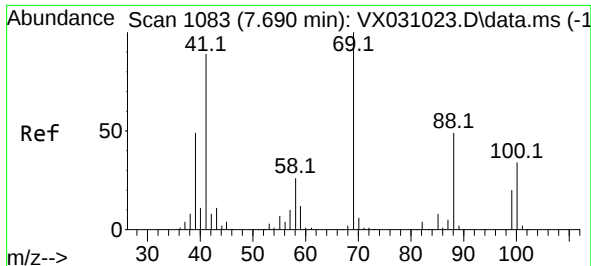
Tgt Ion:130 Resp: 224839

Ion Ratio Lower Upper

130 100

95 88.0 0.0 194.8





#49

1,4-Dioxane

Concen: 13.039 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.025 min

Lab File: VX031092.D

Acq: 03 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220823

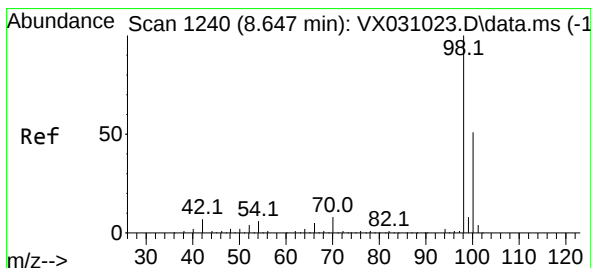
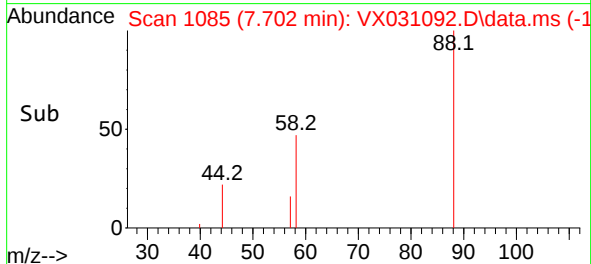
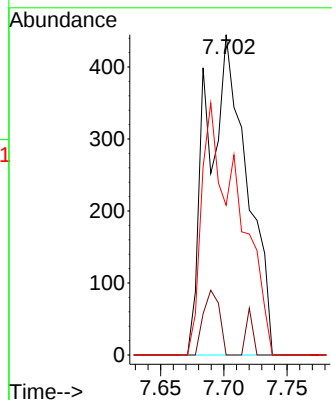
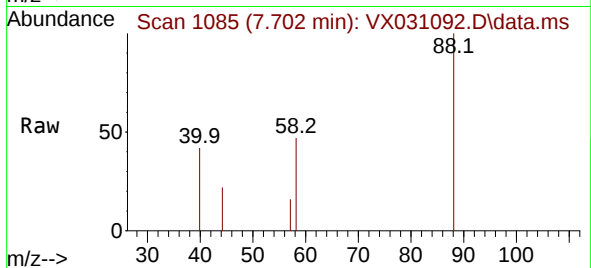
Tgt Ion: 88 Resp: 977

Ion Ratio Lower Upper

88 100

43 8.2 23.8 35.8#

58 72.8 53.8 80.6



#50

Toluene-d8

Concen: 48.212 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031092.D

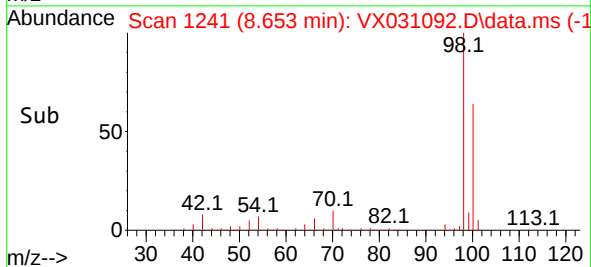
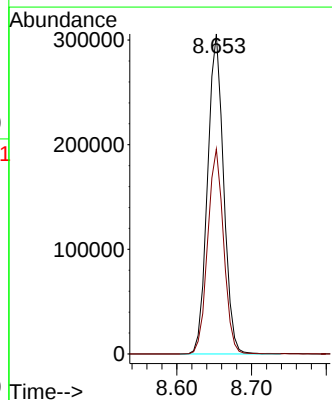
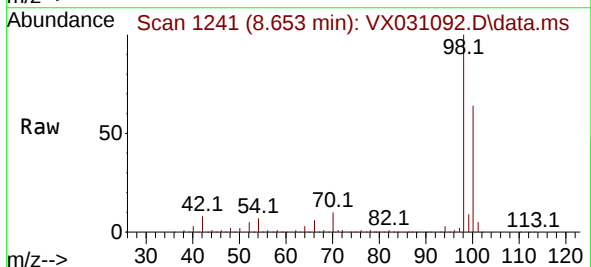
Acq: 03 Sep 2022 19:00

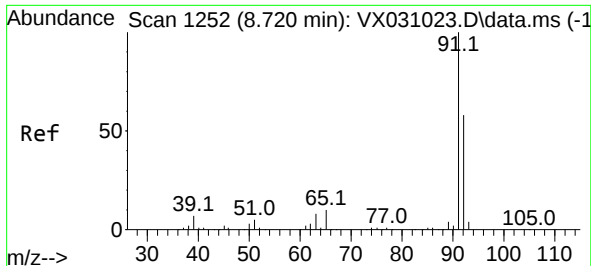
Tgt Ion: 98 Resp: 455188

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5

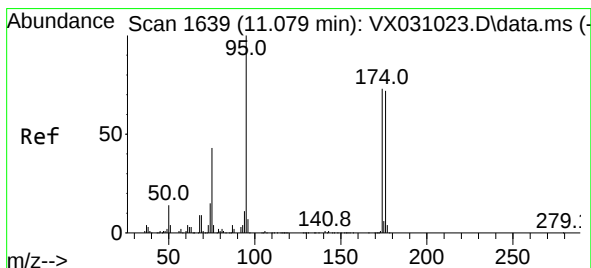
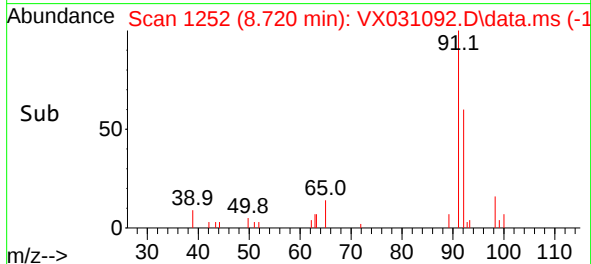
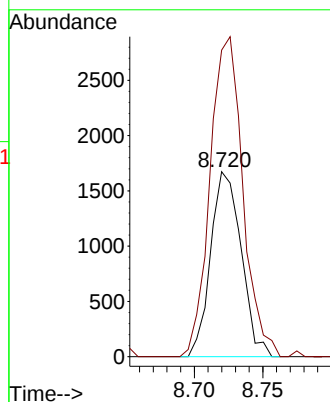
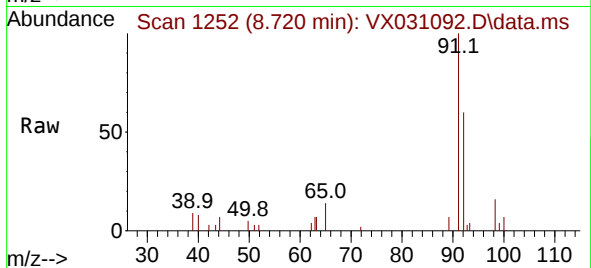




#52
Toluene
Concen: 0.387 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

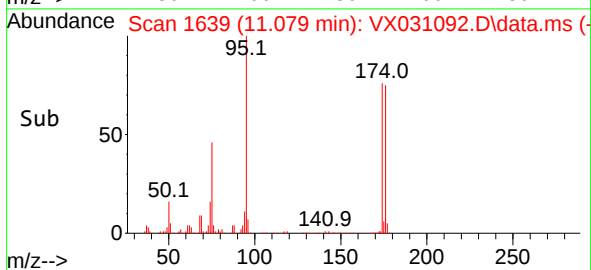
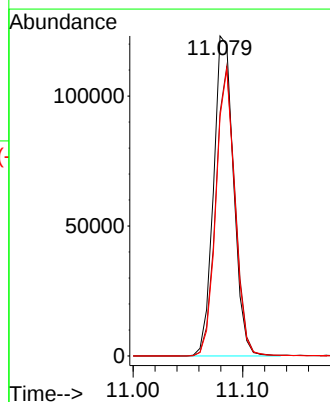
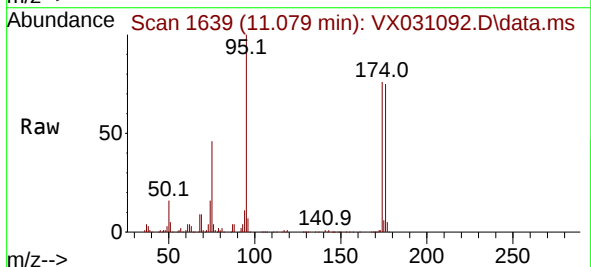
Instrument :
MSVOA_X
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RE105D1-20220823

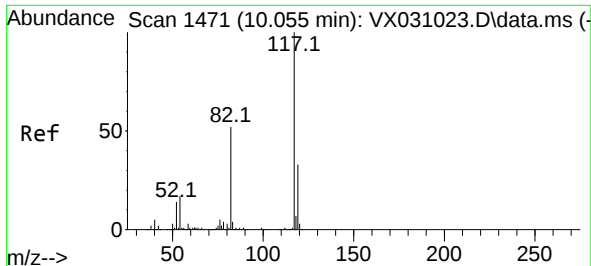
Tgt Ion: 92 Resp: 2592
Ion Ratio Lower Upper
92 100
91 185.9 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 46.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

Tgt Ion: 95 Resp: 156610
Ion Ratio Lower Upper
95 100
174 87.5 0.0 149.0
176 84.8 0.0 146.0

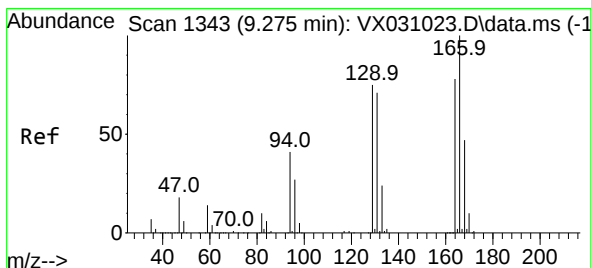
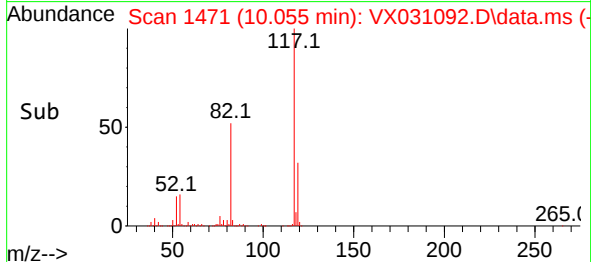
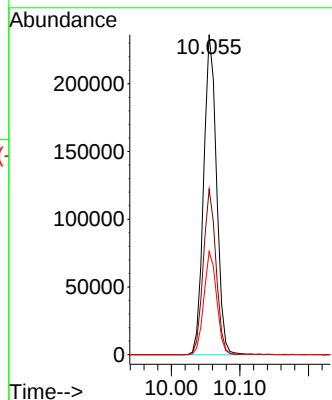
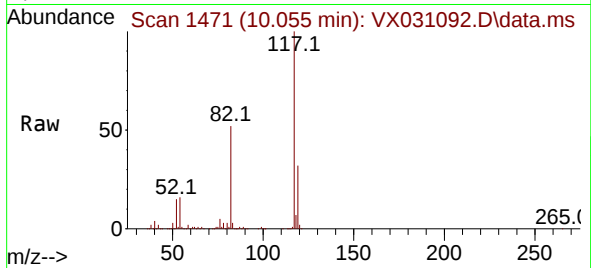




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

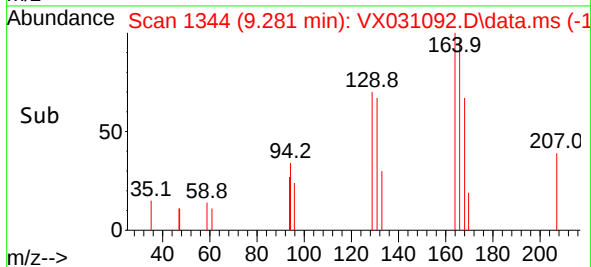
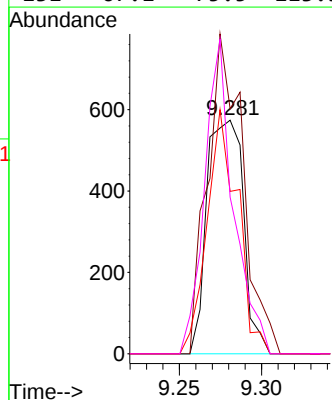
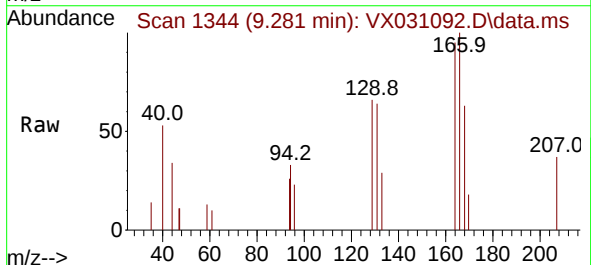
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220823

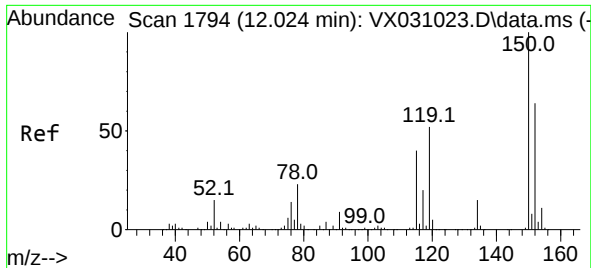
Tgt Ion:117 Resp: 310173
Ion Ratio Lower Upper
117 100
82 51.7 42.7 64.1
119 32.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.286 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031092.D
Acq: 03 Sep 2022 19:00

Tgt Ion:164 Resp: 886
Ion Ratio Lower Upper
164 100
166 104.9 98.2 147.4
129 69.5 80.8 121.2#
131 67.1 75.5 113.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031092.D

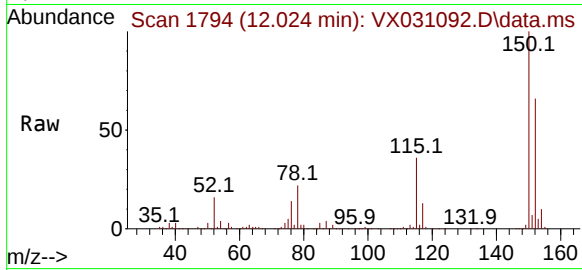
Acq: 03 Sep 2022 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220823



Tgt Ion:152 Resp: 141644

Ion Ratio Lower Upper

152 100

115 54.5 40.5 121.5

150 156.1 0.0 347.0

