

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031088.D
 Acq On : 03 Sep 2022 17:27
 Operator : JC/MD
 Sample : N4357-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20220823

Quant Time: Sep 06 00:14:38 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)

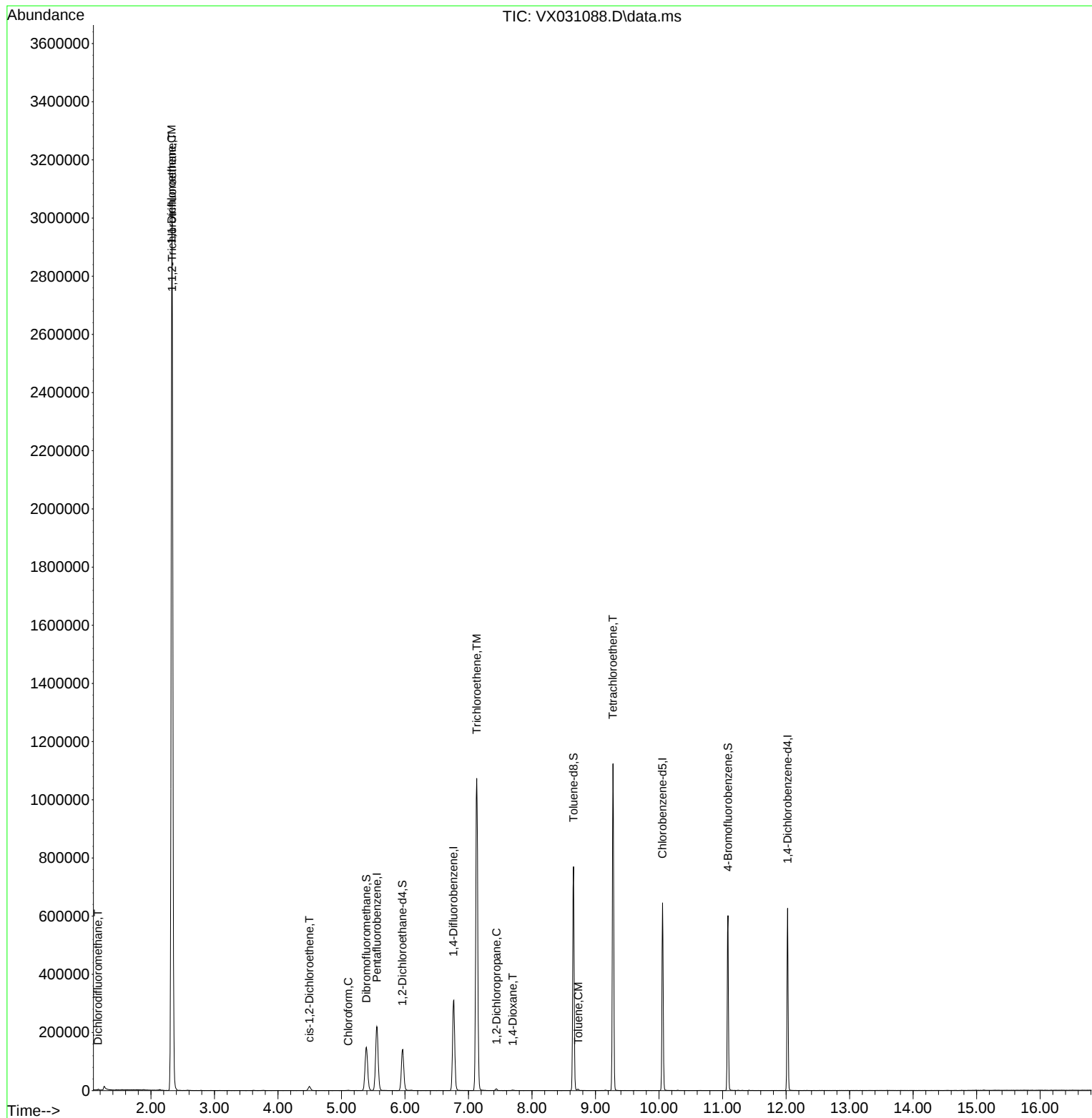
Internal Standards						
1) Pentafluorobenzene	5.556	168	220681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141467	49.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	5.391	113	134541	53.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.180%
50) Toluene-d8	8.653	98	479077	51.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.720%
62) 4-Bromofluorobenzene	11.085	95	162507	49.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	788	0.347	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	1203028	453.150	ug/l	91
12) 1,1-Dichloroethene	2.325	96	8804	3.434	ug/l	80
27) cis-1,2-Dichloroethene	4.495	96	9506	2.973	ug/l	85
30) Chloroform	5.105	83	1423	0.281	ug/l #	81
44) Trichloroethene	7.129	130	452481	140.266	ug/l	97
45) 1,2-Dichloropropane	7.440	63	2653	1.016	ug/l	95
49) 1,4-Dioxane	7.696	88	2002	27.047	ug/l #	87
52) Toluene	8.726	92	1675	0.253	ug/l	96
64) Tetrachloroethene	9.275	164	224581	71.671	ug/l	96

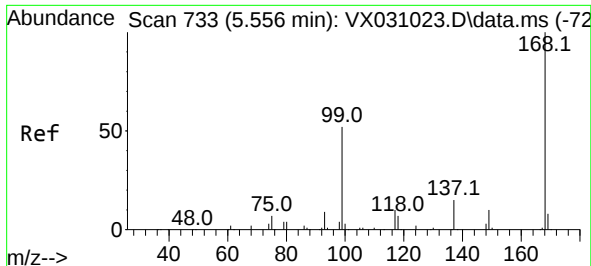
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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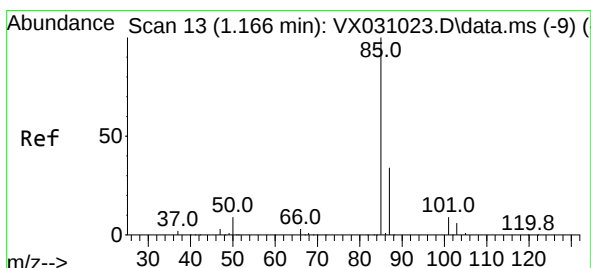
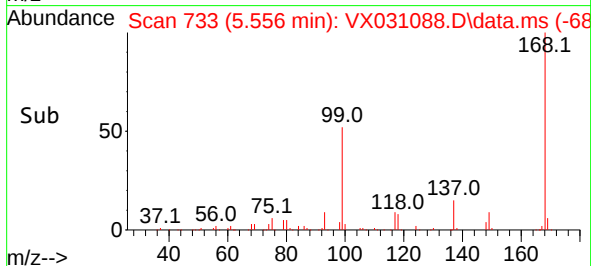
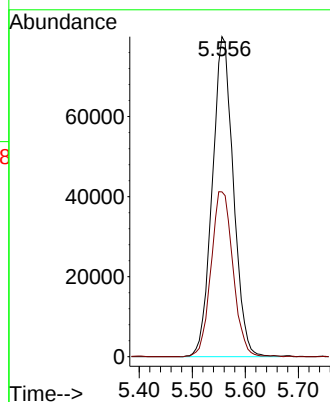
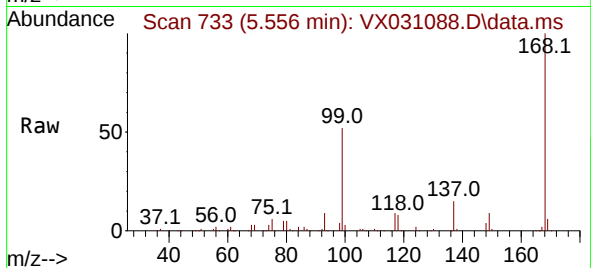




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

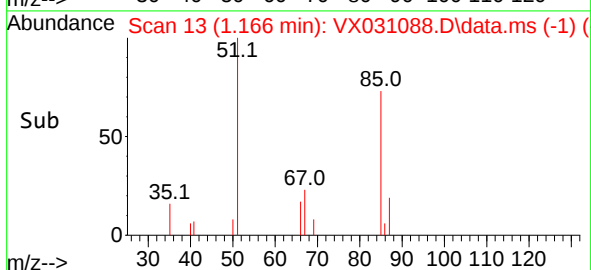
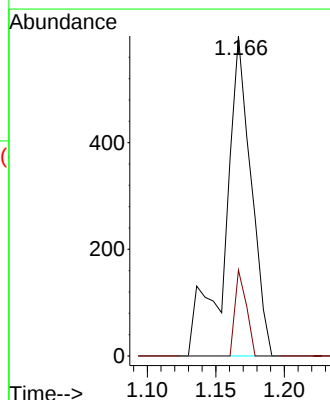
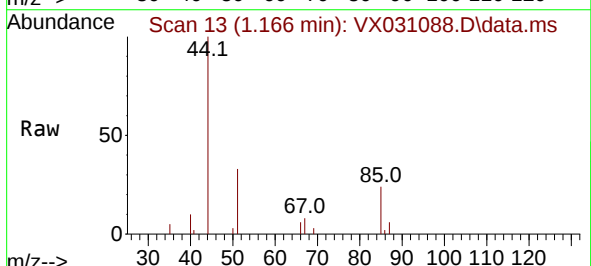
Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823

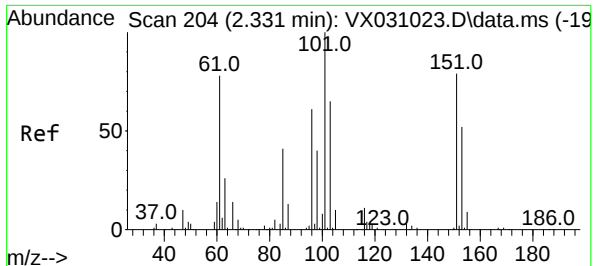
Tgt Ion:168 Resp: 220681
Ion Ratio Lower Upper
168 100
99 51.5 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.347 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

Tgt Ion: 85 Resp: 788
Ion Ratio Lower Upper
85 100
87 26.8 16.5 49.5

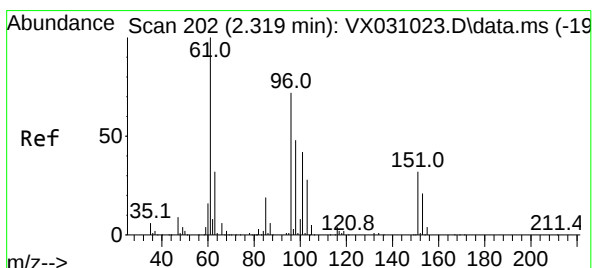
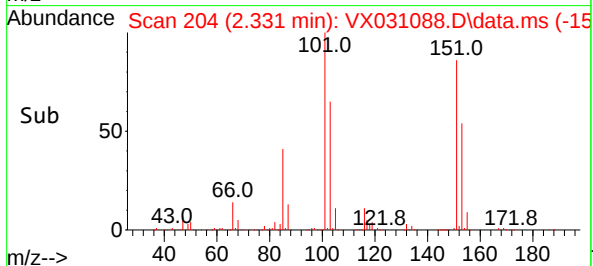
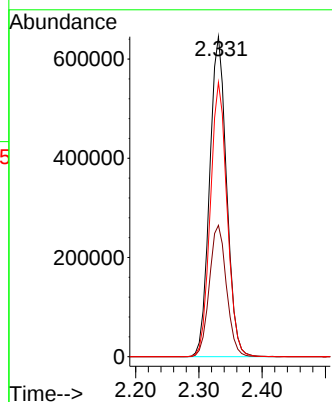
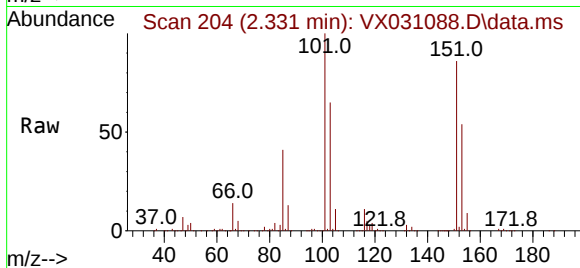




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 453.150 ug/l
 RT: 2.331 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX031088.D
 Acq: 03 Sep 2022 17:27

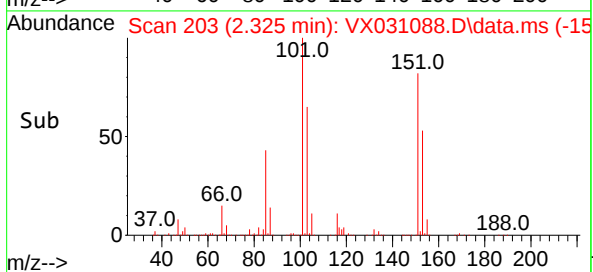
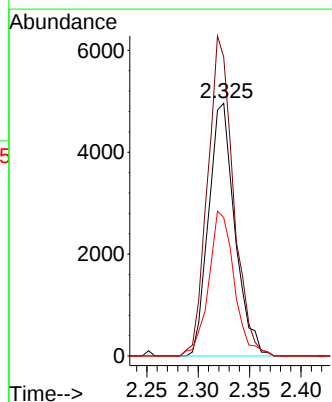
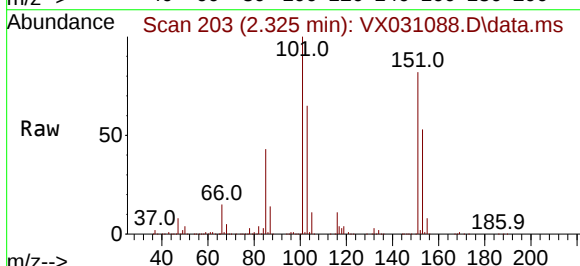
Instrument :
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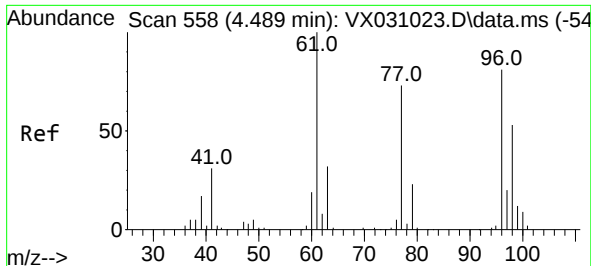
Tgt Ion:101 Resp: 1203028
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.0 51.0
 151 84.7 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 3.434 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031088.D
 Acq: 03 Sep 2022 17:27

Tgt Ion: 96 Resp: 8804
 Ion Ratio Lower Upper
 96 100
 61 118.2 117.4 176.0
 98 54.7 52.2 78.4

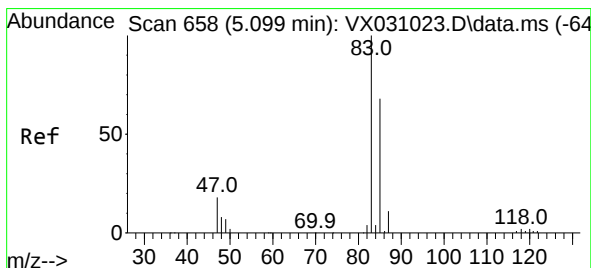
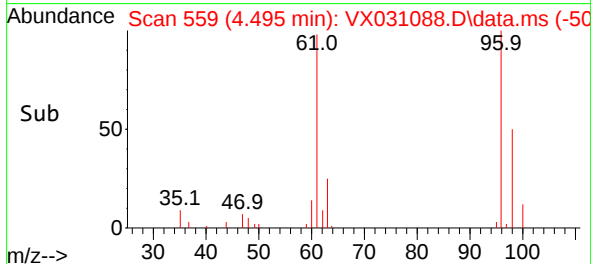
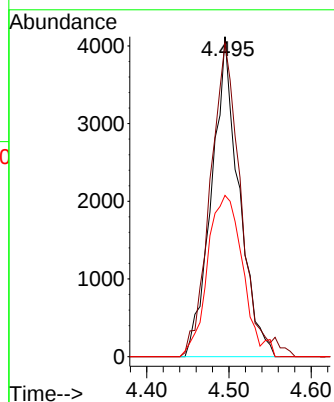
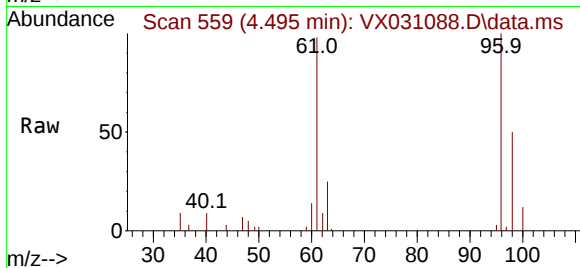




#27
 cis-1,2-Dichloroethene
 Concen: 2.973 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031088.D
 Acq: 03 Sep 2022 17:27

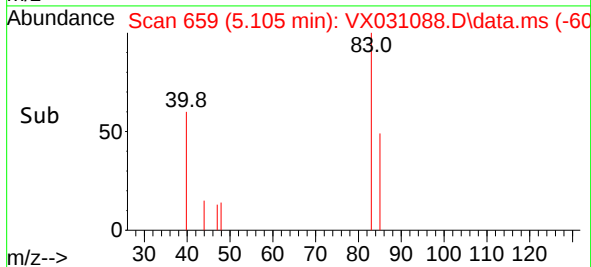
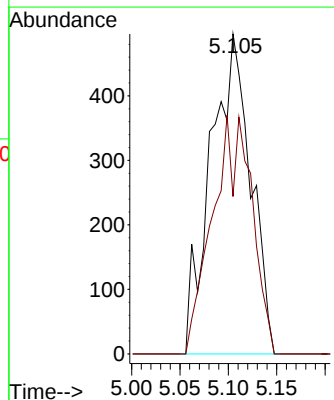
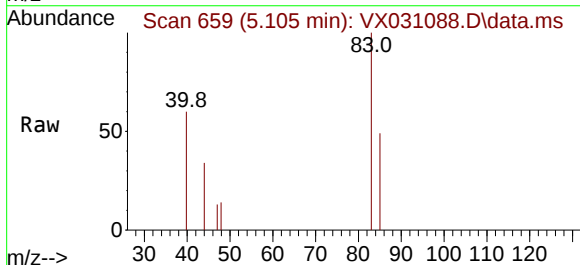
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D3-20220823

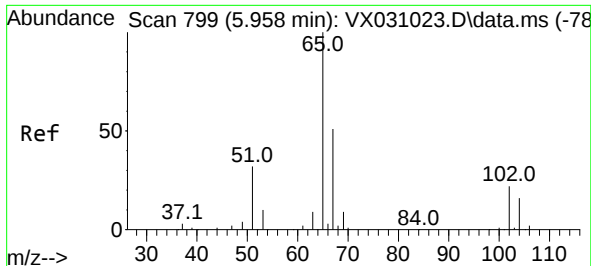
Tgt Ion: 96	Resp: 9506
Ion Ratio	Lower Upper
96 100	
61 109.1	0.0 270.0
98 65.0	0.0 127.8



#30
 Chloroform
 Concen: 0.281 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. 0.006 min
 Lab File: VX031088.D
 Acq: 03 Sep 2022 17:27

Tgt Ion: 83	Resp: 1423
Ion Ratio	Lower Upper
83 100	
85 49.2	51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 49.821 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031088.D

Acq: 03 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

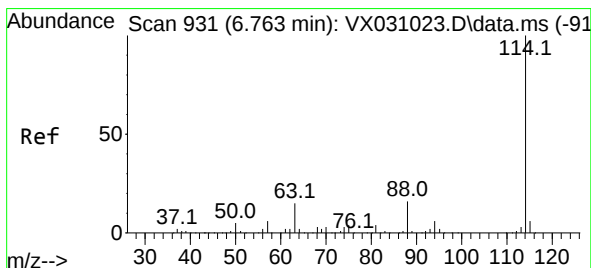
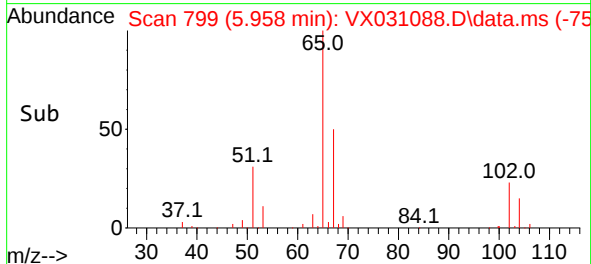
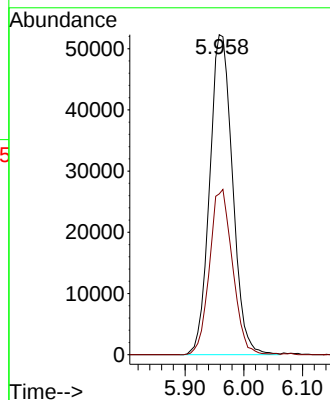
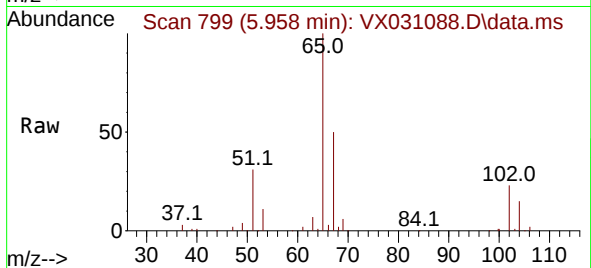
RE134D3-20220823

Tgt Ion: 65 Resp: 141467

Ion Ratio Lower Upper

65 100

67 52.0 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: VX031088.D

Acq: 03 Sep 2022 17:27

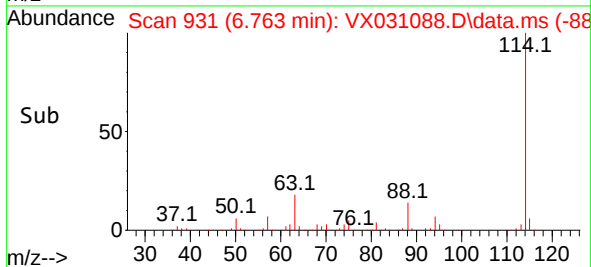
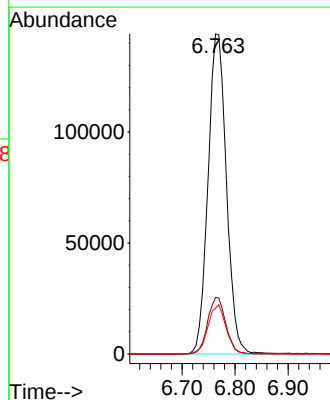
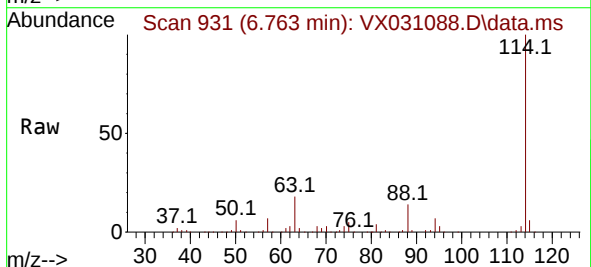
Tgt Ion: 114 Resp: 347280

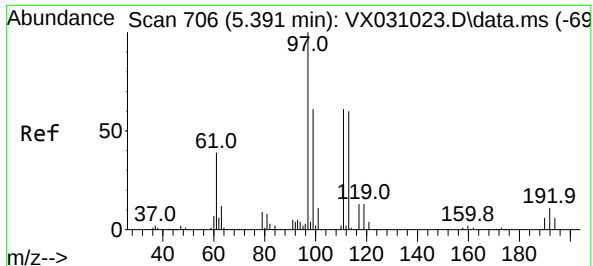
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.087 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031088.D

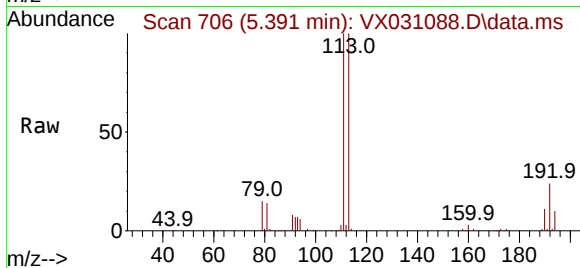
Acq: 03 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20220823



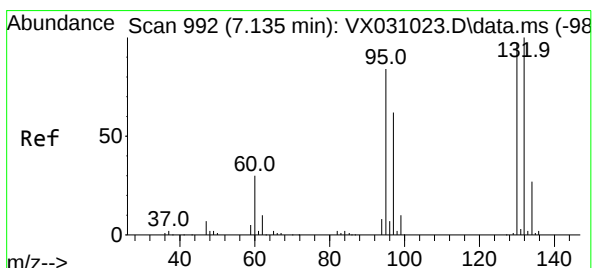
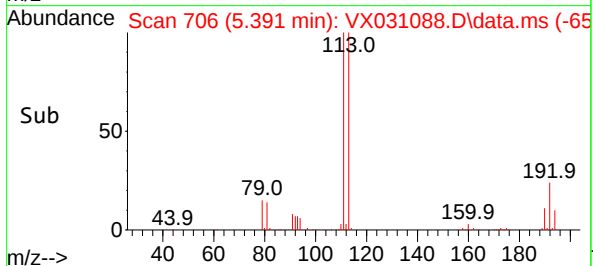
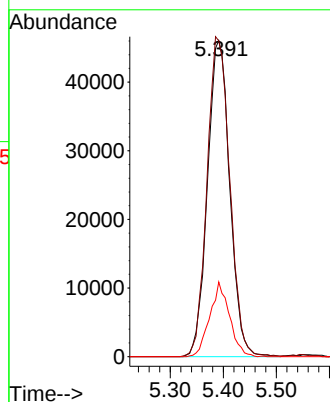
Tgt Ion:113 Resp: 134541

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 21.0 14.8 22.2



#44

Trichloroethene

Concen: 140.266 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031088.D

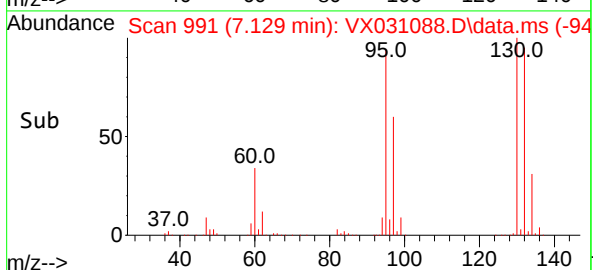
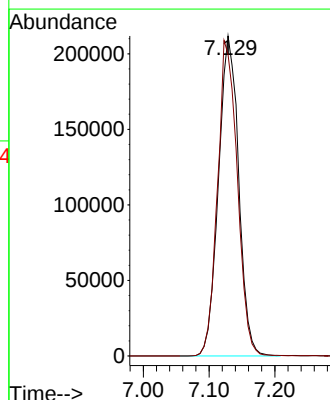
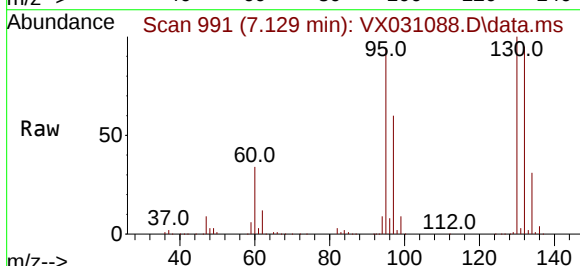
Acq: 03 Sep 2022 17:27

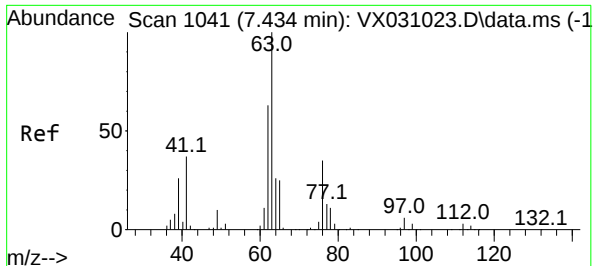
Tgt Ion:130 Resp: 452481

Ion Ratio Lower Upper

130 100

95 94.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 1.016 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX031088.D

Acq: 03 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

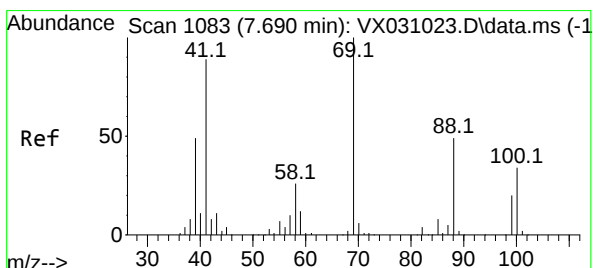
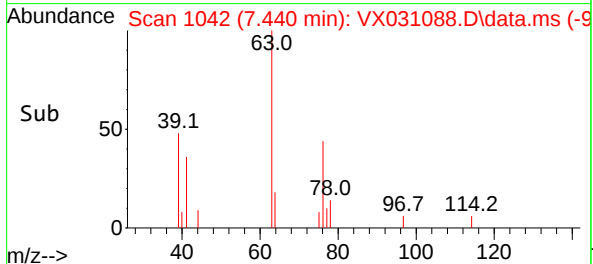
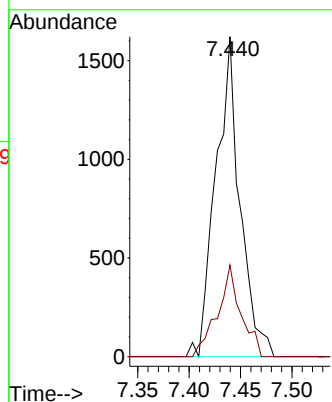
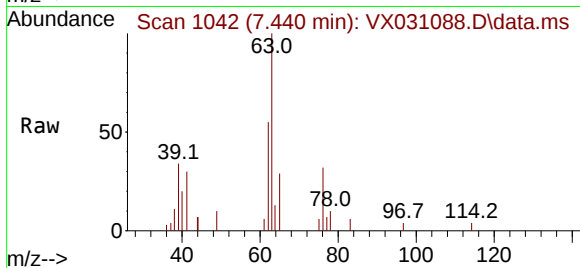
RE134D3-20220823

Tgt Ion: 63 Resp: 2653

Ion Ratio Lower Upper

63 100

65 28.6 25.2 37.8



#49

1,4-Dioxane

Concen: 27.047 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.019 min

Lab File: VX031088.D

Acq: 03 Sep 2022 17:27

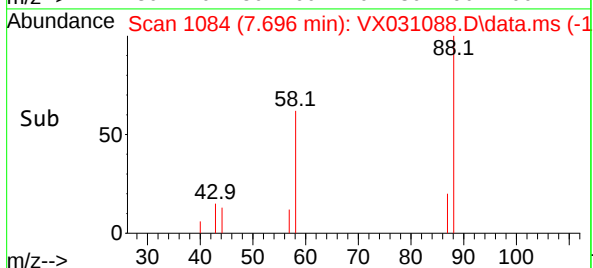
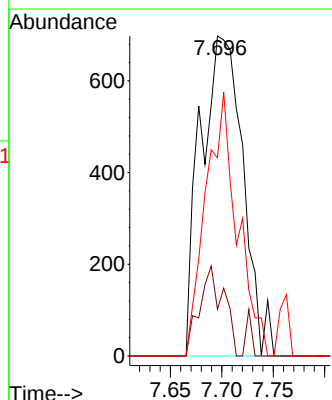
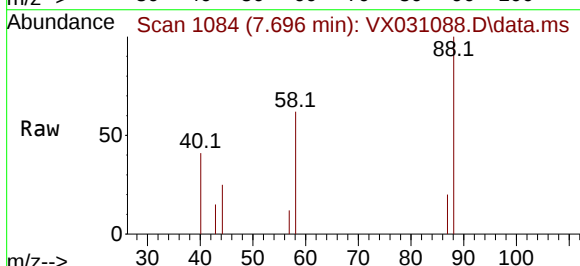
Tgt Ion: 88 Resp: 2002

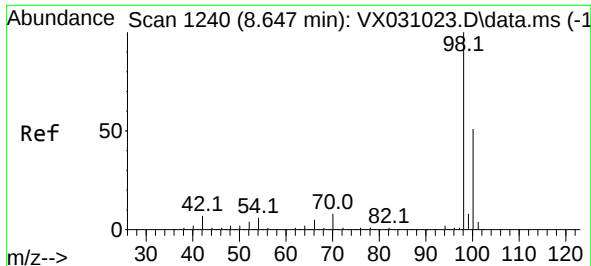
Ion Ratio Lower Upper

88 100

43 16.0 23.8 35.8#

58 61.5 53.8 80.6

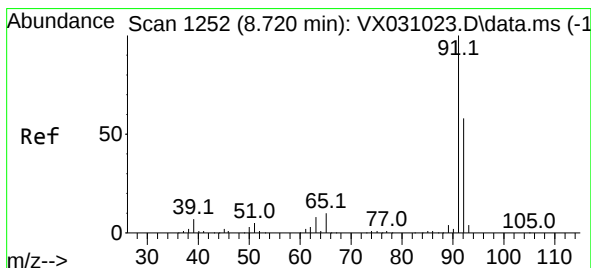
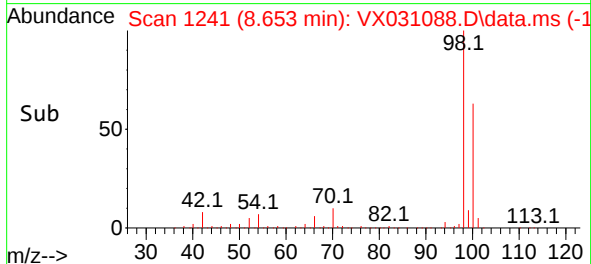
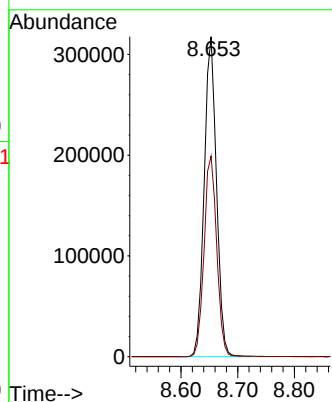
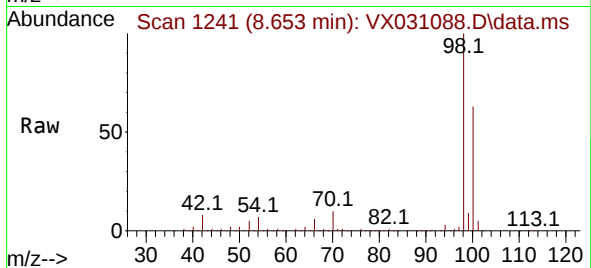




#50
Toluene-d8
Concen: 51.363 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

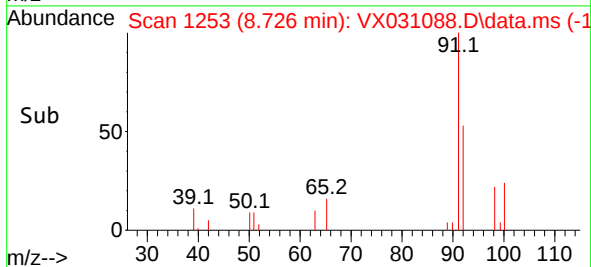
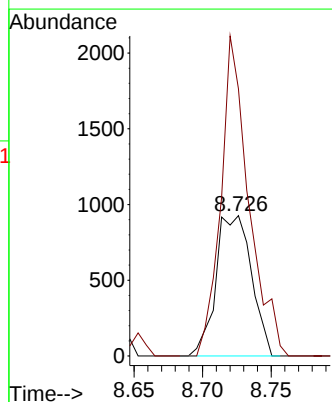
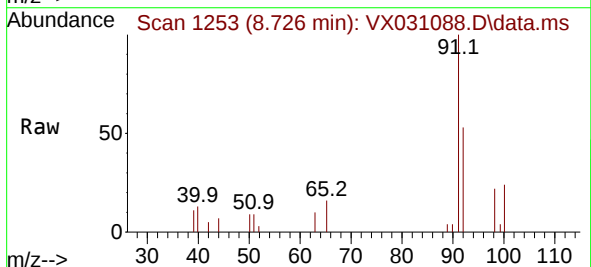
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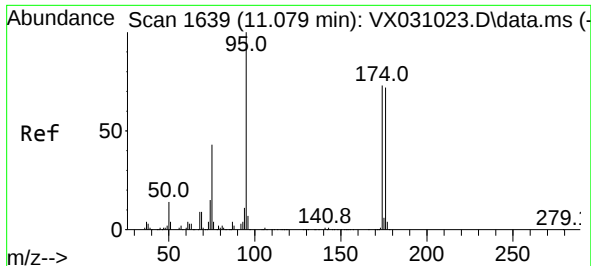
Tgt Ion: 98 Resp: 479077
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#52
Toluene
Concen: 0.253 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

Tgt Ion: 92 Resp: 1675
Ion Ratio Lower Upper
92 100
91 179.3 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 49.329 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031088.D

Acq: 03 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

RE134D3-20220823

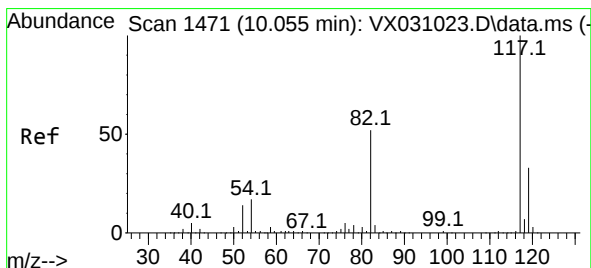
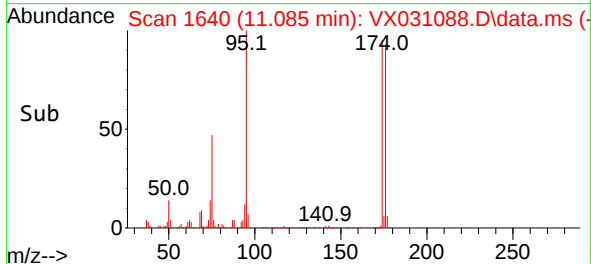
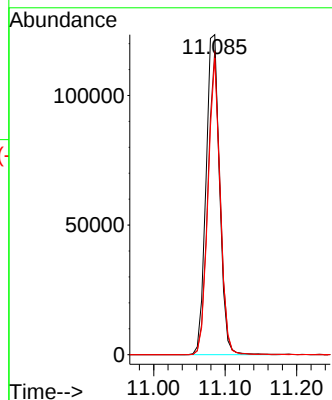
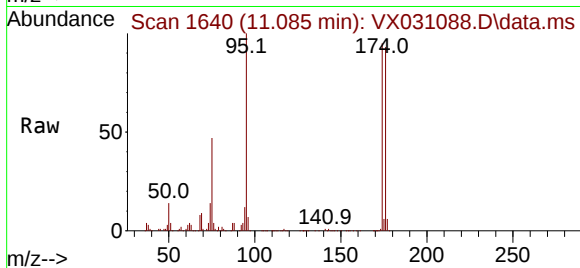
Tgt Ion: 95 Resp: 162507

Ion Ratio Lower Upper

95 100

174 86.1 0.0 149.0

176 83.4 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: VX031088.D

Acq: 03 Sep 2022 17:27

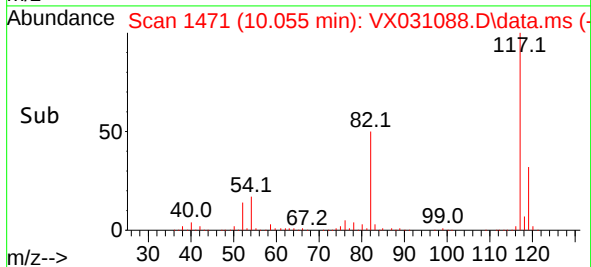
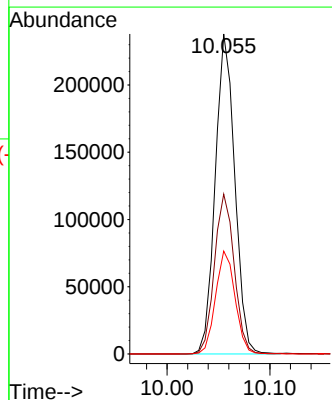
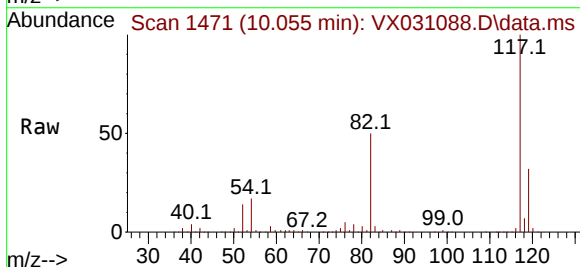
Tgt Ion: 117 Resp: 313834

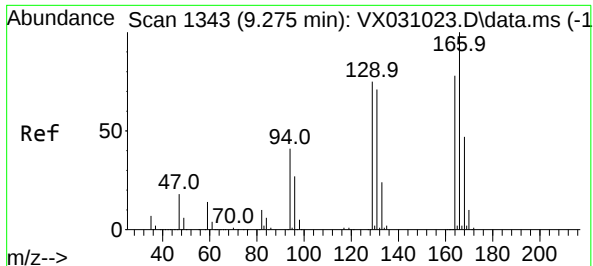
Ion Ratio Lower Upper

117 100

82 50.0 42.7 64.1

119 32.1 25.4 38.2



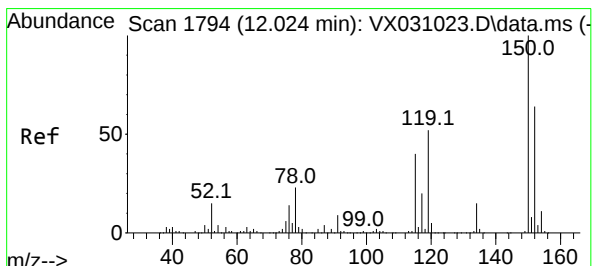
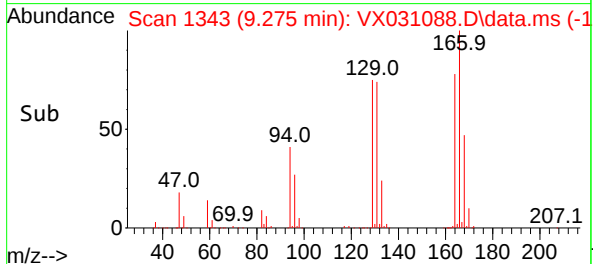
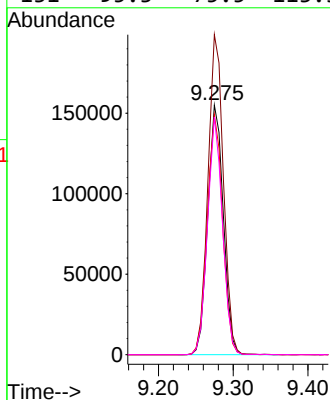
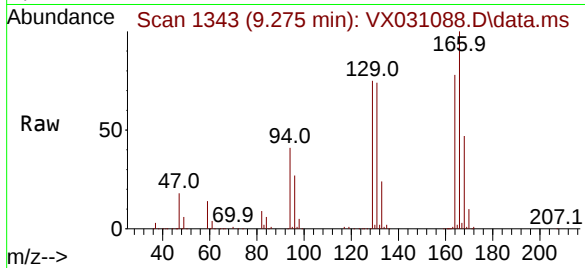


#64
Tetrachloroethene
Concen: 71.671 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
RE134D3-20220823

Tgt Ion:164 Resp: 224581

Ion	Ratio	Lower	Upper
164	100		
166	128.2	98.2	147.4
129	96.2	80.8	121.2
131	95.3	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031088.D
Acq: 03 Sep 2022 17:27

Tgt Ion:152 Resp: 136908

Ion	Ratio	Lower	Upper
152	100		
115	59.0	40.5	121.5
150	157.2	0.0	347.0

