

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031087.D
 Acq On : 03 Sep 2022 17:03
 Operator : JC/MD
 Sample : N4357-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D2-20220823

Quant Time: Sep 06 00:14:18 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)

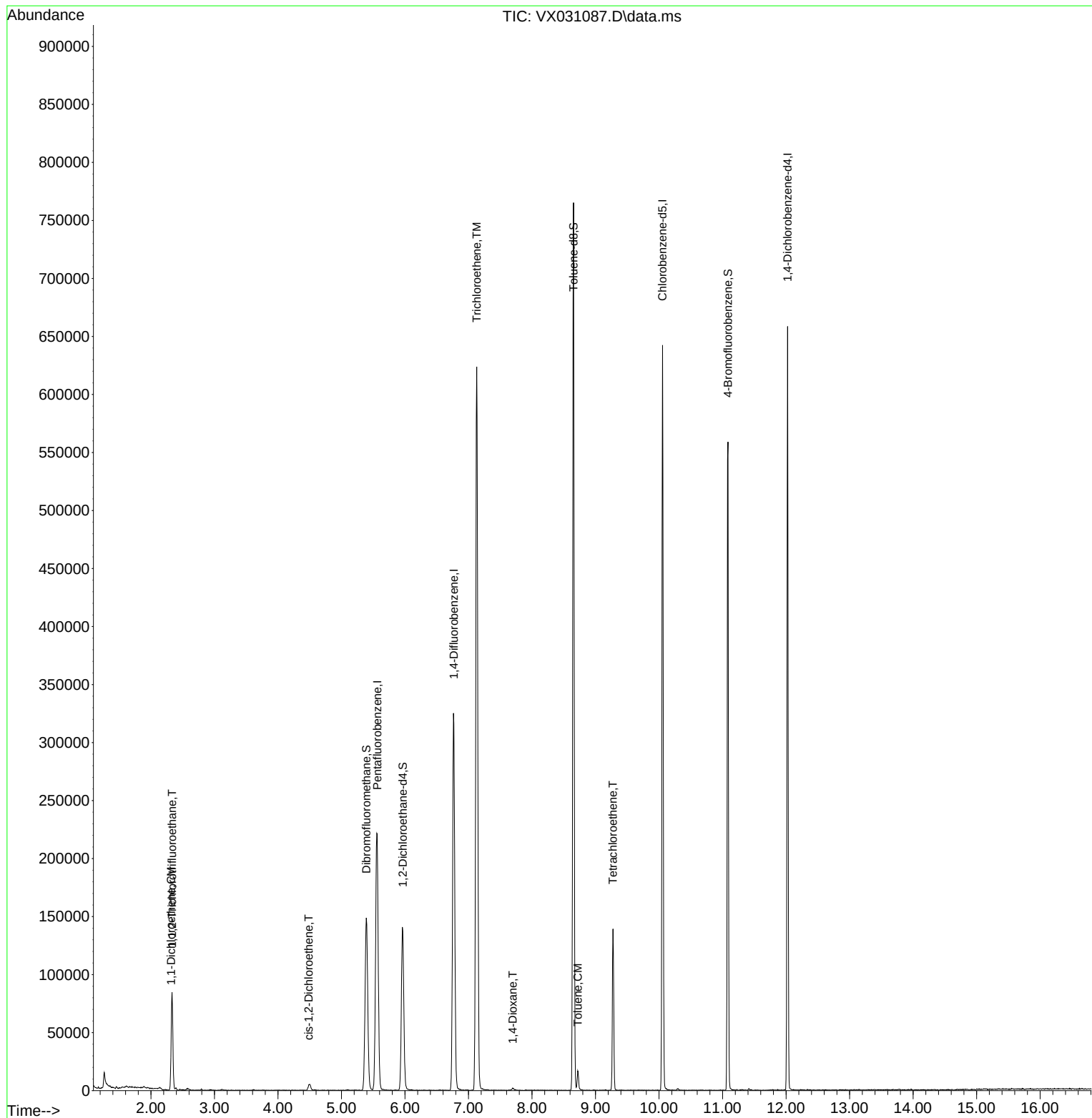
Internal Standards						
1) Pentafluorobenzene	5.562	168	230953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138511	46.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.220%
35) Dibromofluoromethane	5.391	113	134573	51.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.653	98	470106	48.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.085	95	154990	45.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.800%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	32928	11.851	ug/l	91
12) 1,1-Dichloroethene	2.319	96	917	0.342	ug/l #	70
27) cis-1,2-Dichloroethene	4.483	96	4193	1.253	ug/l	50
44) Trichloroethene	7.129	130	267288	79.950	ug/l	95
49) 1,4-Dioxane	7.696	88	2031	26.476	ug/l #	80
52) Toluene	8.720	92	6335	0.925	ug/l	97
64) Tetrachloroethene	9.275	164	28043	8.836	ug/l	97

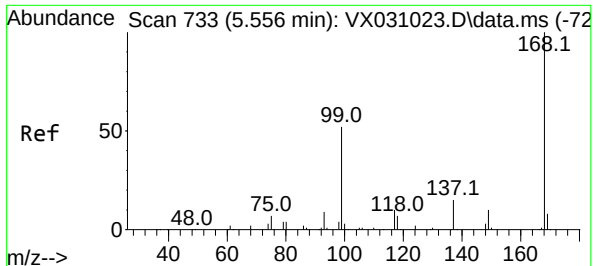
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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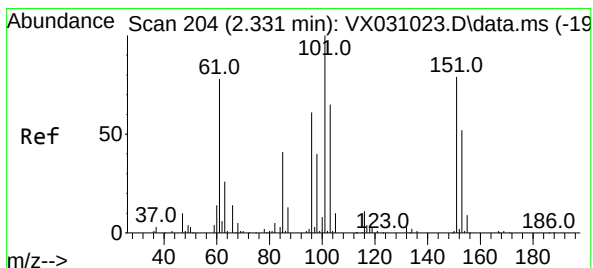
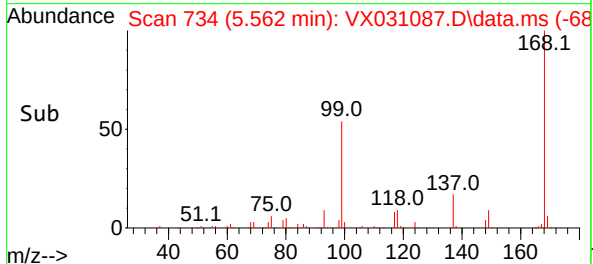
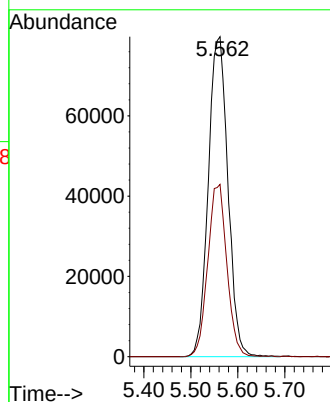
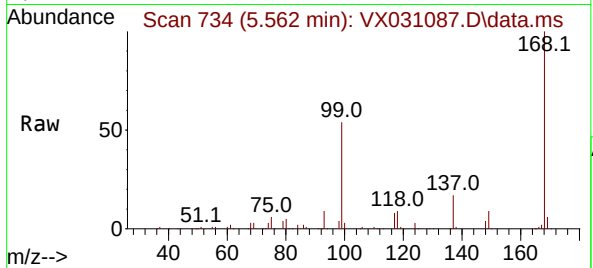




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

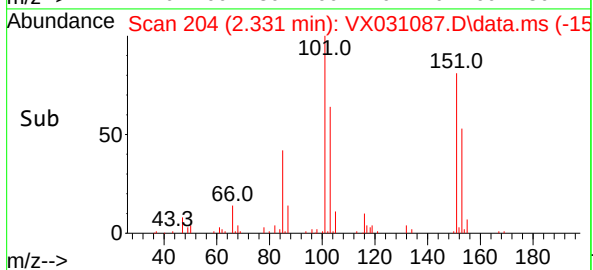
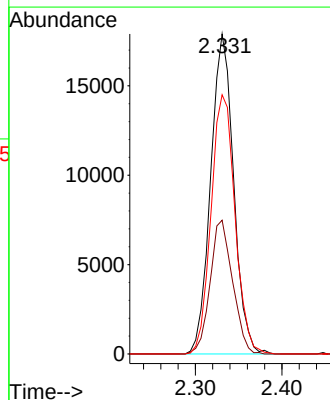
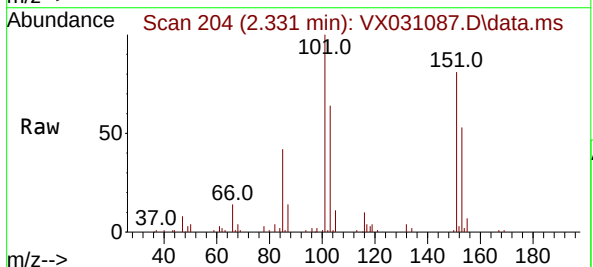
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823

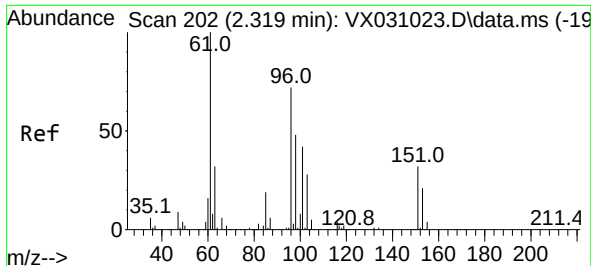
Tgt Ion:168 Resp: 230953
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.851 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

Tgt Ion:101 Resp: 32928
Ion Ratio Lower Upper
101 100
85 40.9 34.0 51.0
151 84.4 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.342 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031087.D

Acq: 03 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823

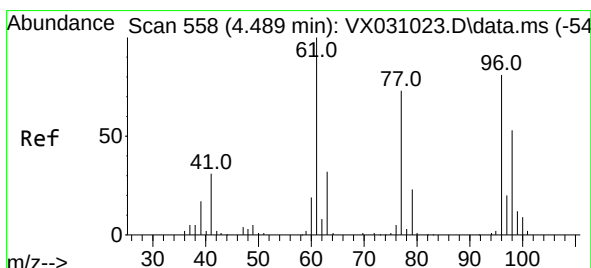
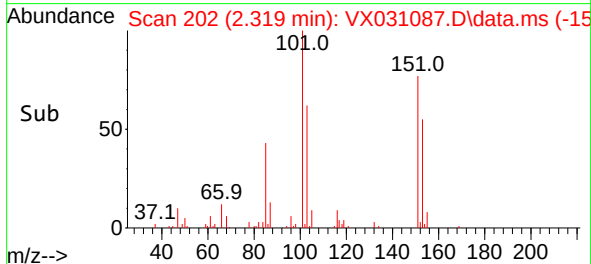
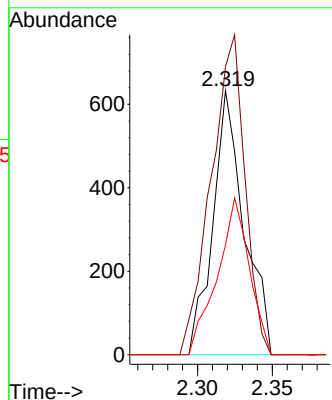
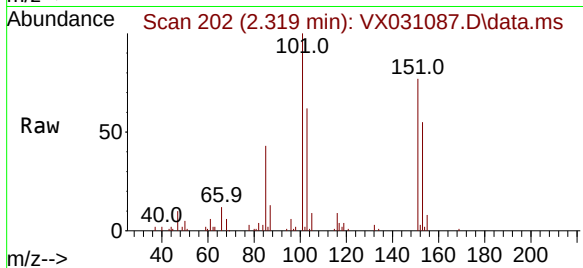
Tgt Ion: 96 Resp: 917

Ion Ratio Lower Upper

96 100

61 109.0 117.4 176.0#

98 41.5 52.2 78.4#



#27

cis-1,2-Dichloroethene

Concen: 1.253 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX031087.D

Acq: 03 Sep 2022 17:03

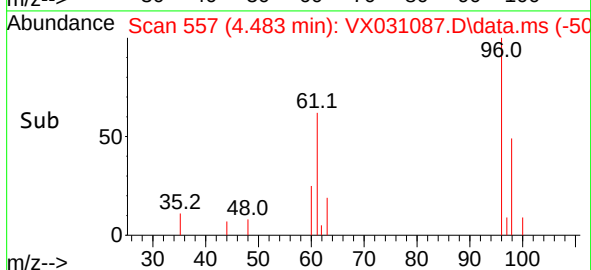
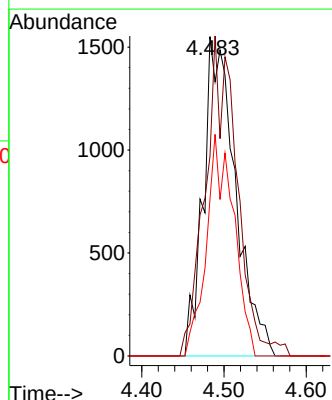
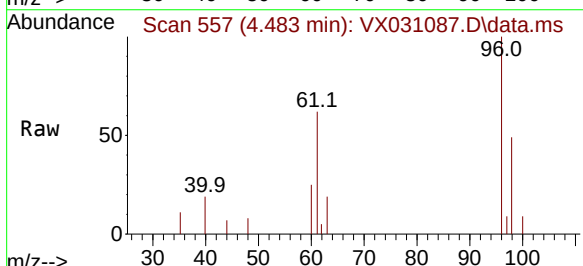
Tgt Ion: 96 Resp: 4193

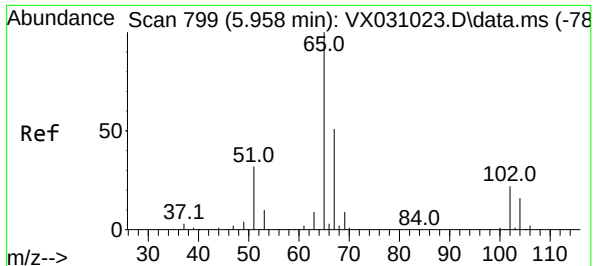
Ion Ratio Lower Upper

96 100

61 49.8 0.0 270.0

98 59.2 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 46.611 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031087.D

Acq: 03 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

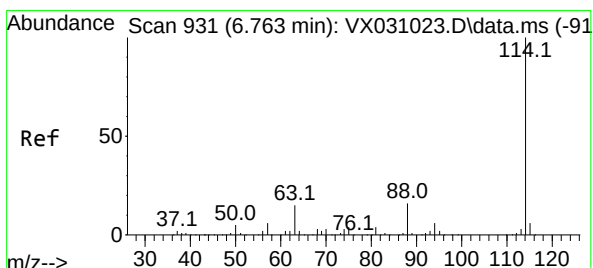
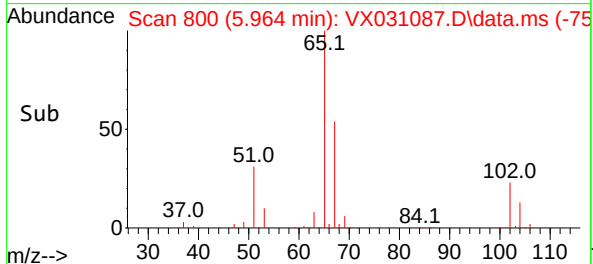
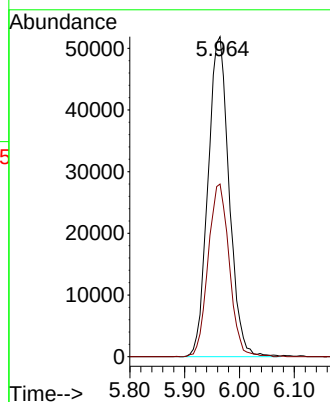
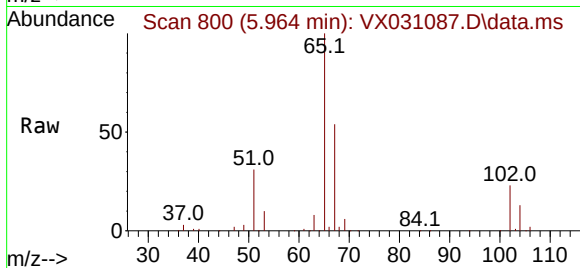
RE134D2-20220823

Tgt Ion: 65 Resp: 138511

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031087.D

Acq: 03 Sep 2022 17:03

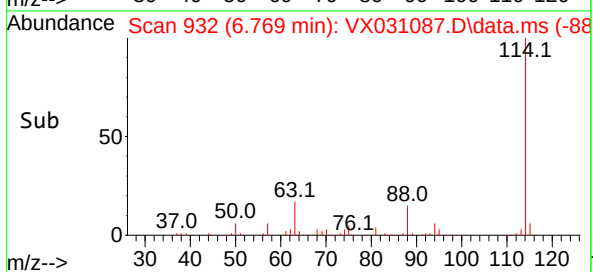
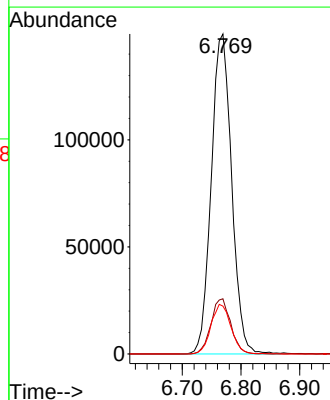
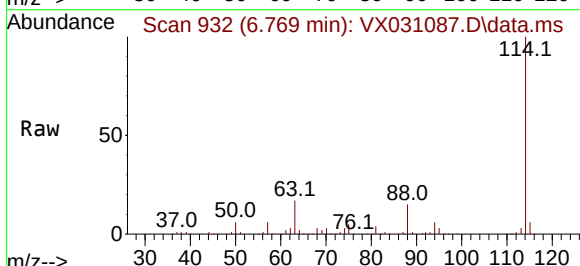
Tgt Ion: 114 Resp: 359908

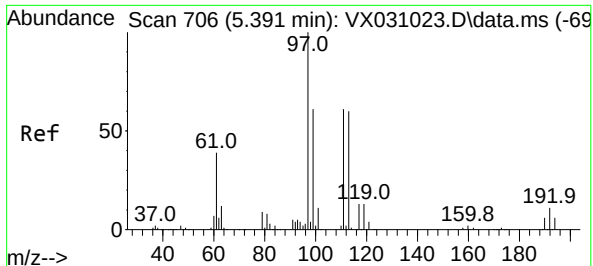
Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.237 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031087.D

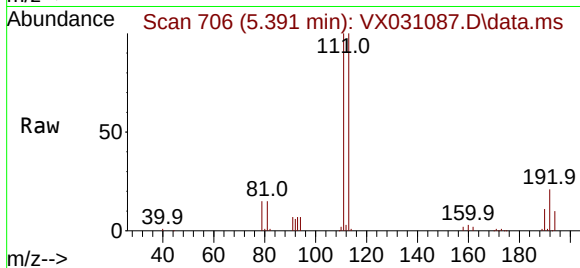
Acq: 03 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823



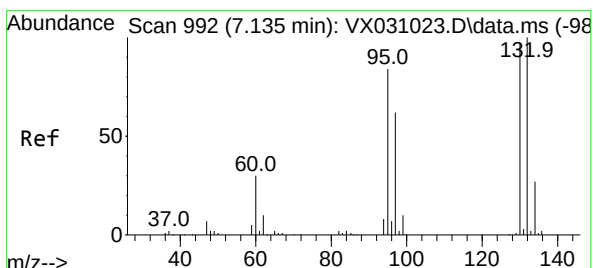
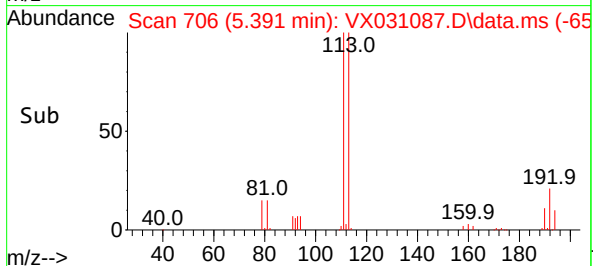
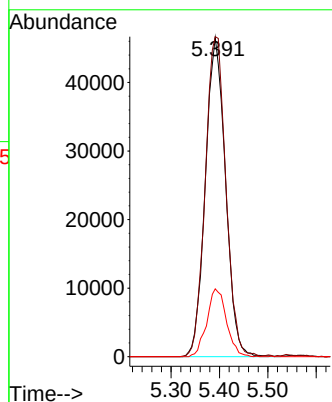
Tgt Ion:113 Resp: 134573

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 20.8 14.8 22.2



#44

Trichloroethene

Concen: 79.950 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX031087.D

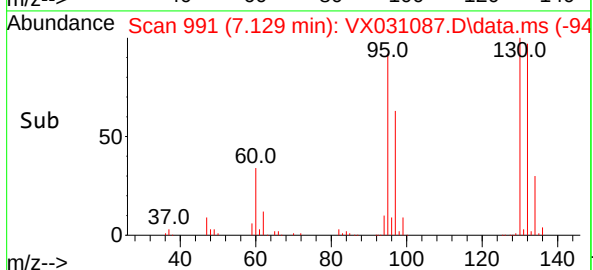
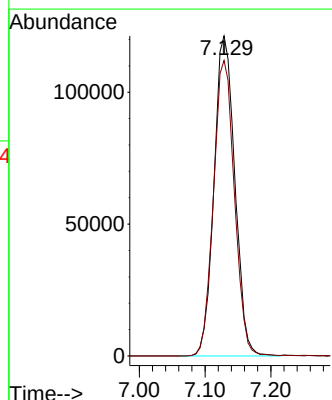
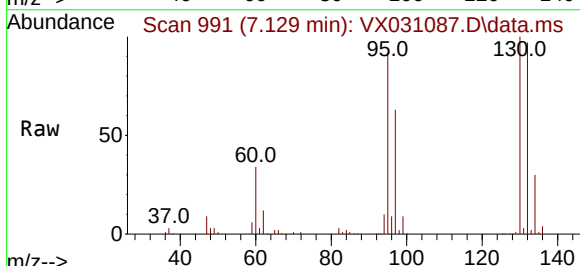
Acq: 03 Sep 2022 17:03

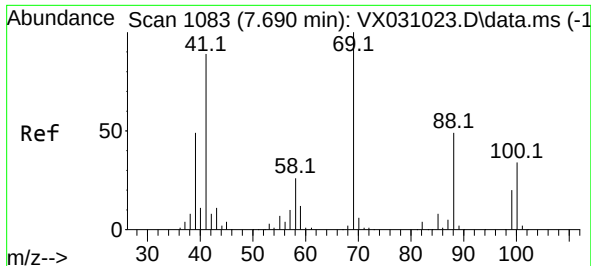
Tgt Ion:130 Resp: 267288

Ion Ratio Lower Upper

130 100

95 92.3 0.0 194.8





#49

1,4-Dioxane

Concen: 26.476 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

Lab File: VX031087.D

Acq: 03 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823

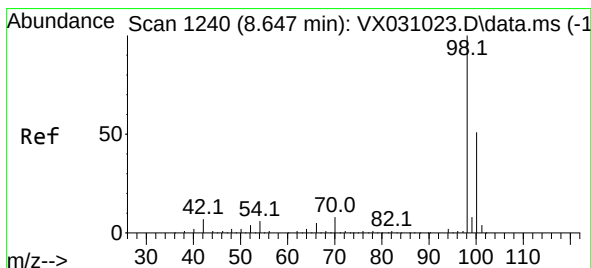
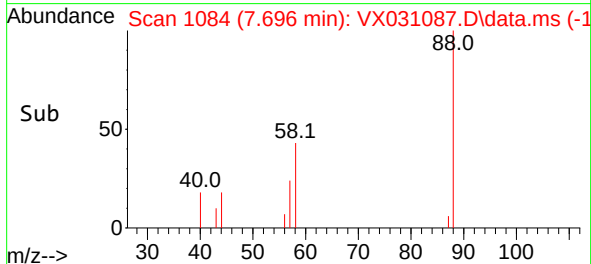
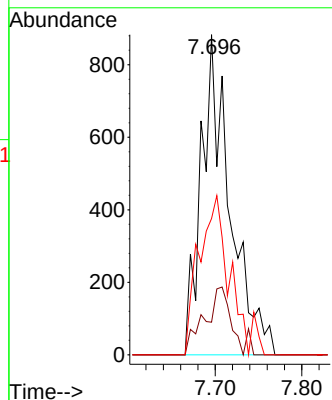
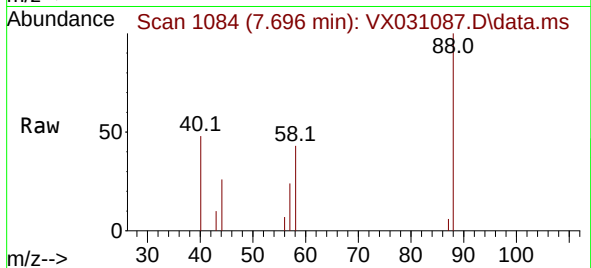
Tgt Ion: 88 Resp: 2031

Ion Ratio Lower Upper

88 100

43 18.9 23.8 35.8#

58 51.2 53.8 80.6#



#50

Toluene-d8

Concen: 48.633 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031087.D

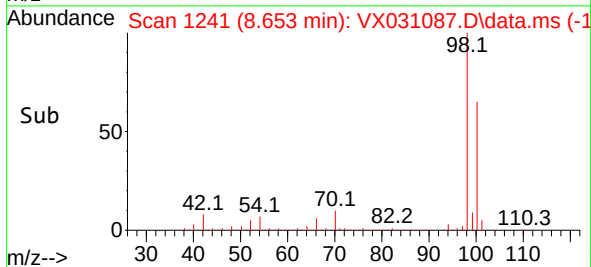
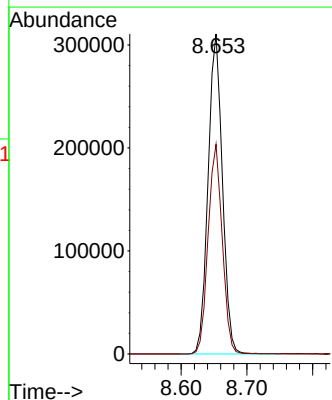
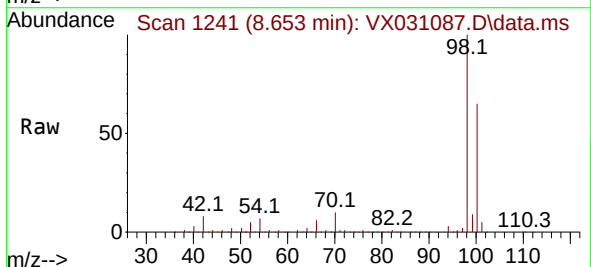
Acq: 03 Sep 2022 17:03

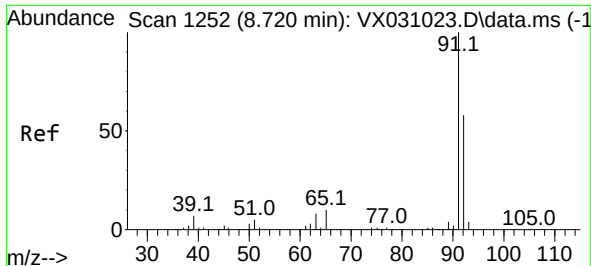
Tgt Ion: 98 Resp: 470106

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

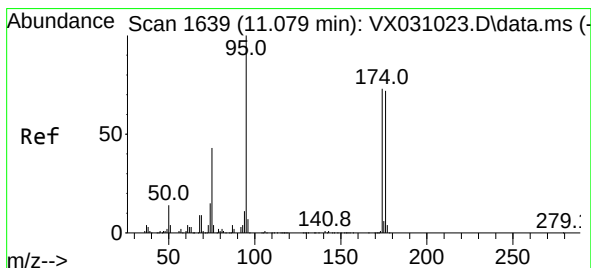
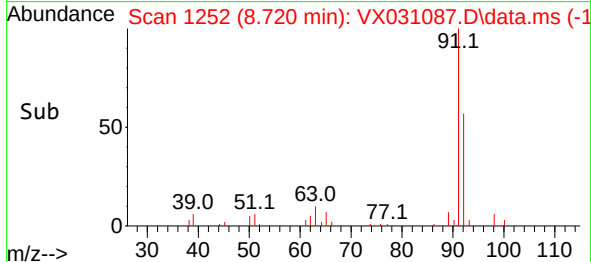
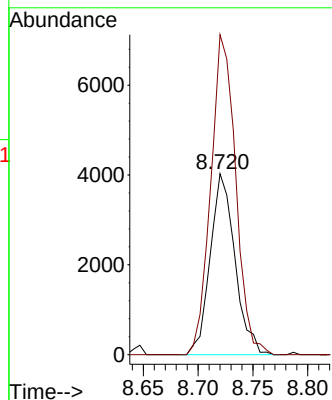
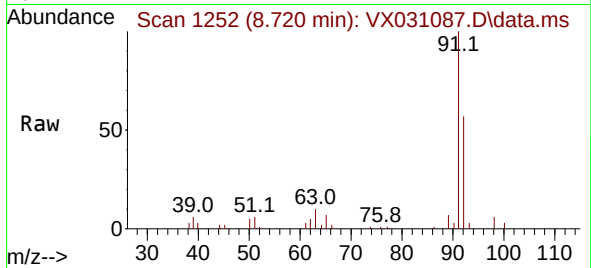




#52
Toluene
Concen: 0.925 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

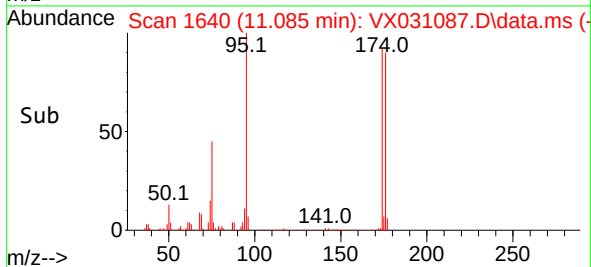
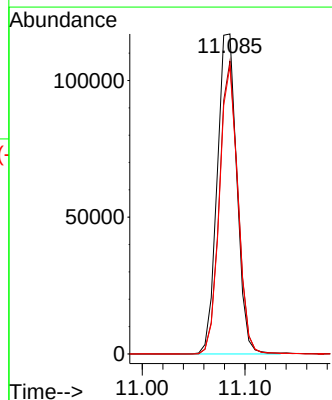
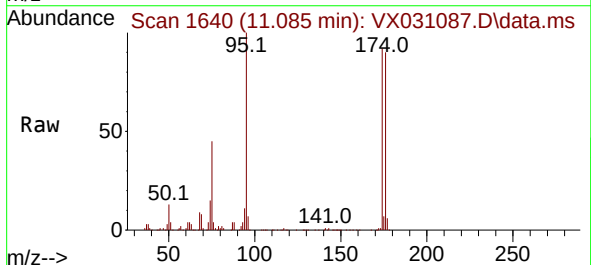
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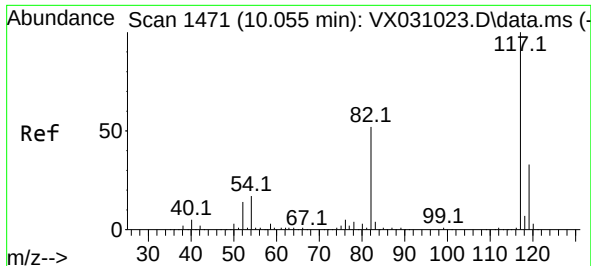
Tgt Ion: 92 Resp: 6335
Ion Ratio Lower Upper
92 100
91 177.9 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

Tgt Ion: 95 Resp: 154990
Ion Ratio Lower Upper
95 100
174 86.3 0.0 149.0
176 84.6 0.0 146.0

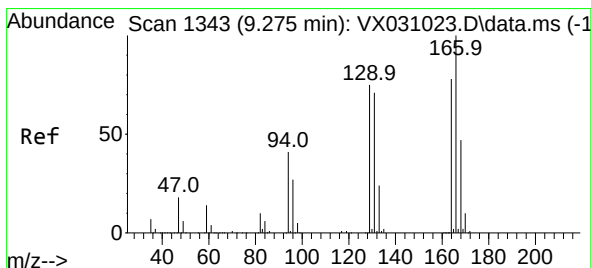
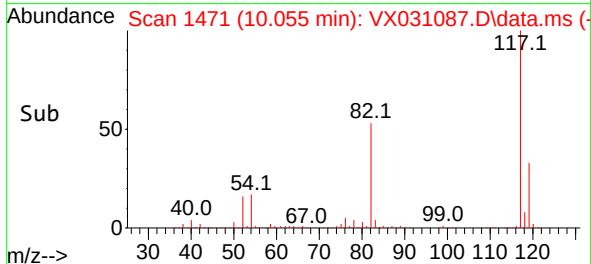
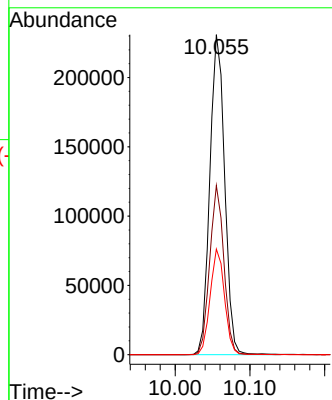
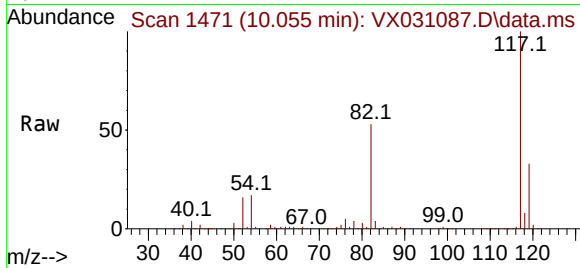




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

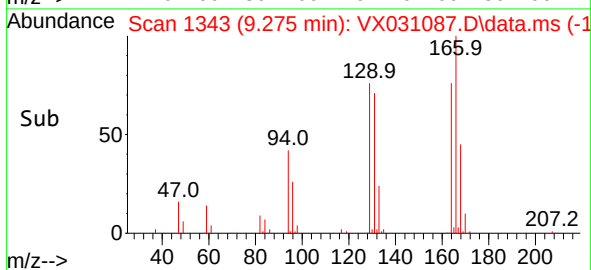
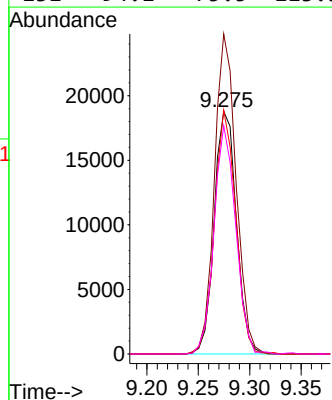
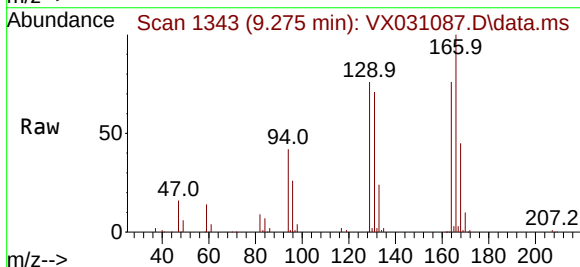
Instrument :
MSVOA_X
ClientSampleId :
RE134D2-20220823

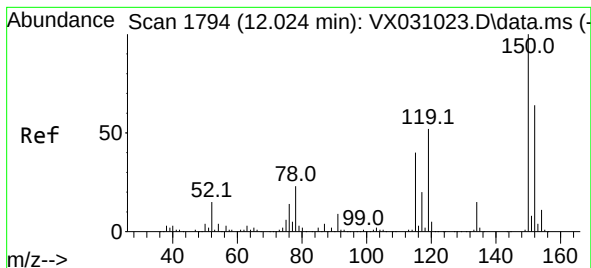
Tgt Ion:117 Resp: 317865
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 8.836 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031087.D
Acq: 03 Sep 2022 17:03

Tgt Ion:164 Resp: 28043
Ion Ratio Lower Upper
164 100
166 131.9 98.2 147.4
129 100.6 80.8 121.2
131 94.1 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: VX031087.D

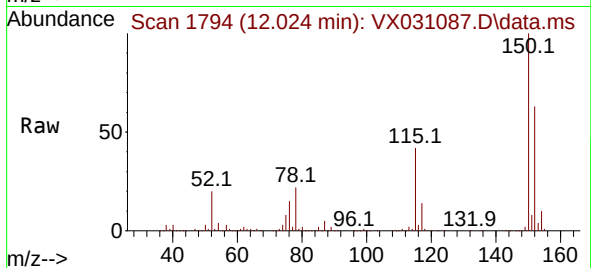
Acq: 03 Sep 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

RE134D2-20220823



Tgt Ion:152 Resp: 139468

Ion Ratio Lower Upper

152 100

115 59.3 40.5 121.5

150 158.0 0.0 347.0

