

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031089.D
 Acq On : 03 Sep 2022 17:50
 Operator : JC/MD
 Sample : N4357-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220823

Quant Time: Sep 06 00:14:59 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)

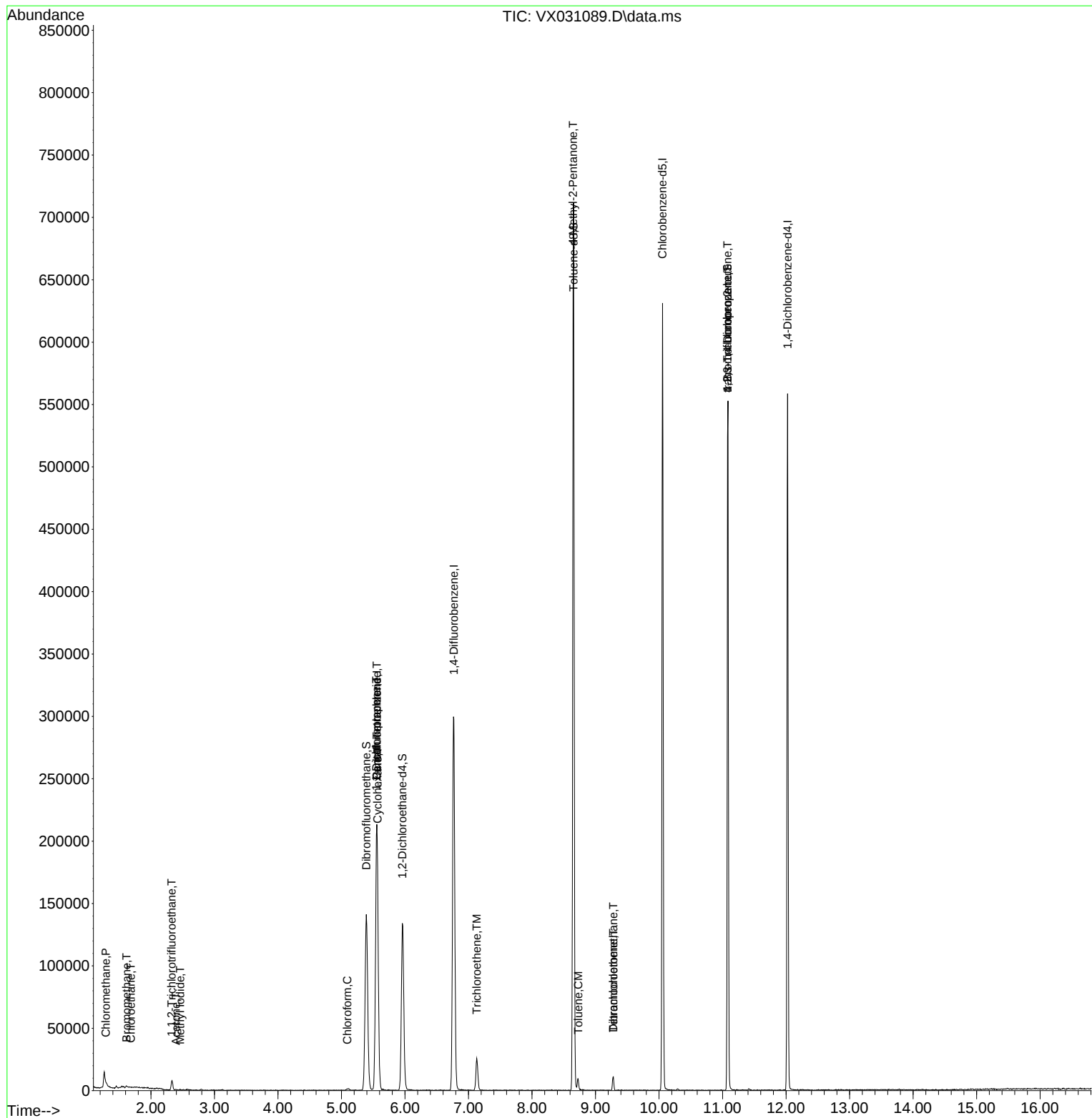
Internal Standards						
1) Pentafluorobenzene	5.556	168	216453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	341416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132363	47.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	5.391	113	127583	51.207	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.420%
50) Toluene-d8	8.653	98	449560	49.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	149283	46.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	616	0.986	ug/l #	71
5) Bromomethane	1.618	94	232	0.223	ug/l #	74
6) Chloroethane	1.685	64	830	2.208	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.325	101	3262	1.253	ug/l	95
10) Methyl Iodide	2.459	142	596	3.131	ug/l #	91
11) Tert butyl alcohol	2.965	59	62	Below Cal	#	74
16) Acetone	2.392	43	651	0.605	ug/l #	72
20) Methylene Chloride	2.794	84	369	Below Cal	#	68
30) Chloroform	5.093	83	1067	0.215	ug/l #	83
31) Cyclohexane	5.568	56	3416	0.898	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	14375	4.119	ug/l #	48
38) Carbon Tetrachloride	5.556	117	21133	5.834	ug/l #	16
44) Trichloroethene	7.129	130	10653	3.359	ug/l	83
51) 4-Methyl-2-Pentanone	8.647	43	1428	0.469	ug/l #	1
52) Toluene	8.726	92	3752	0.577	ug/l	91
60) Dibromochloromethane	9.281	129	2226	0.776	ug/l #	11
64) Tetrachloroethene	9.281	164	2343	0.771	ug/l #	89
76) 1,2,3-Trichloropropane	11.079	75	70168	22.449	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70168	70.553	ug/l #	12

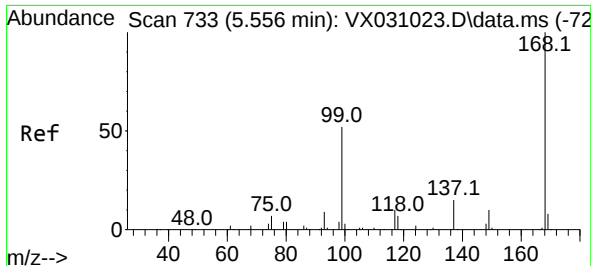
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

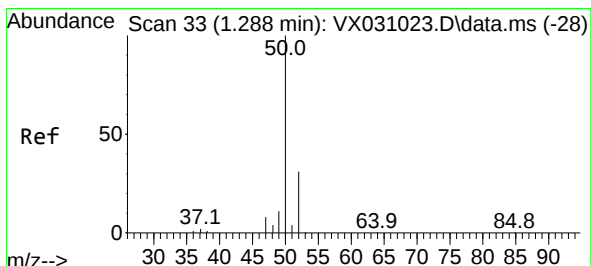
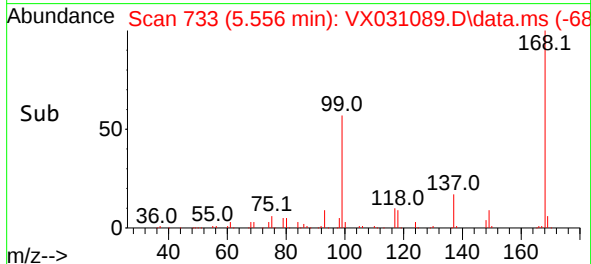
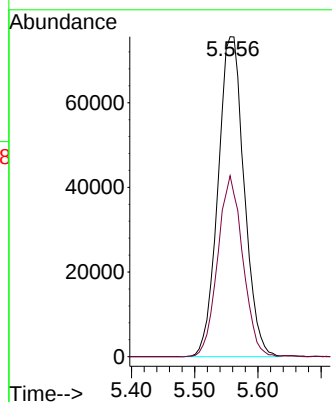
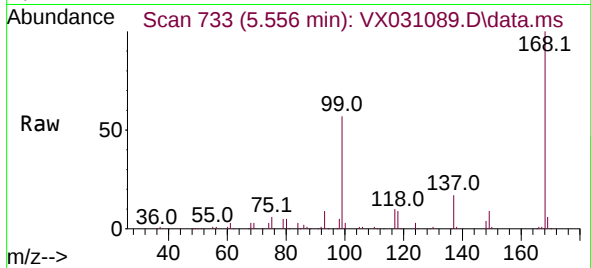




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

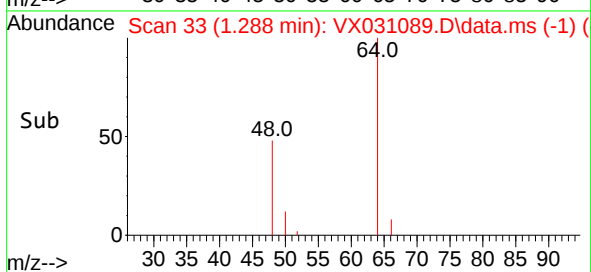
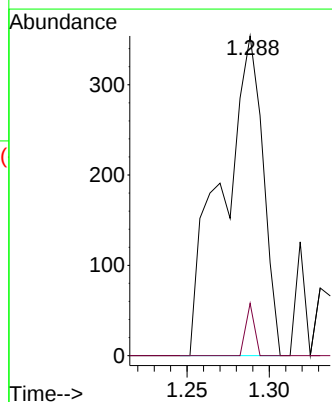
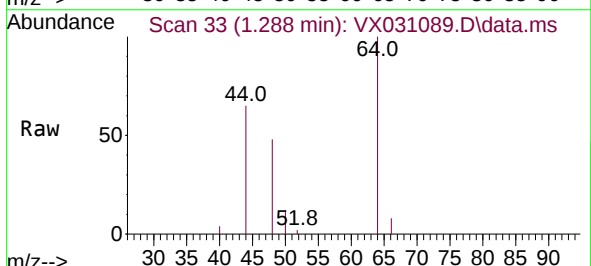
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

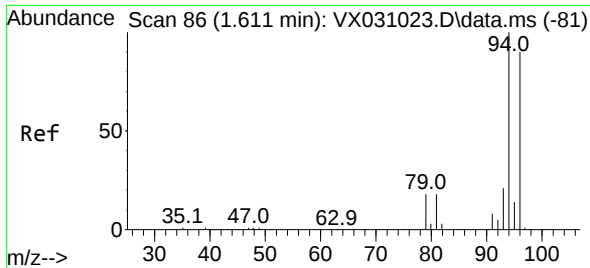
Tgt Ion:168 Resp: 216453
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#3
Chloromethane
Concen: 0.986 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion: 50 Resp: 616
Ion Ratio Lower Upper
50 100
52 16.4 26.3 39.5#

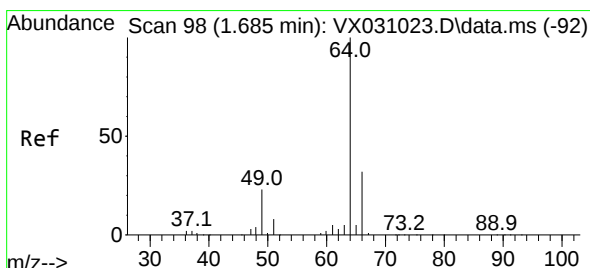
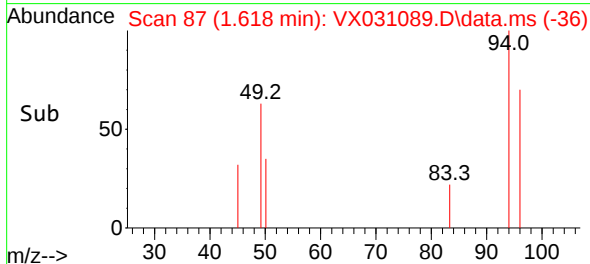
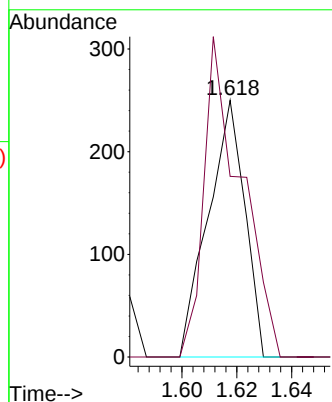
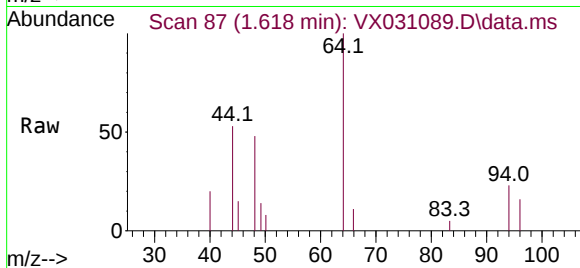




#5
Bromomethane
Concen: 0.223 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

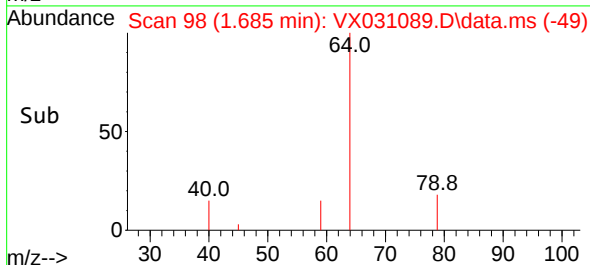
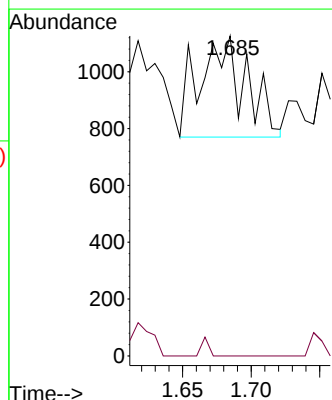
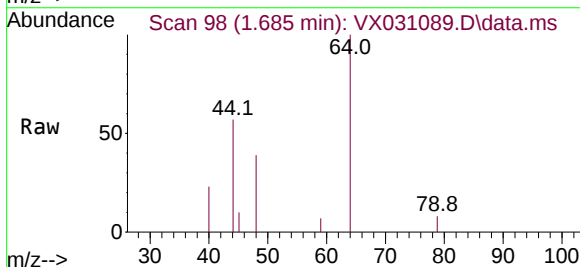
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

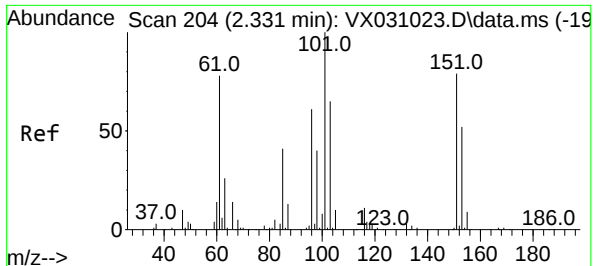
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 70.4 76.9 115.3#



#6
Chloroethane
Concen: 2.208 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion: 64 Resp: 830
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

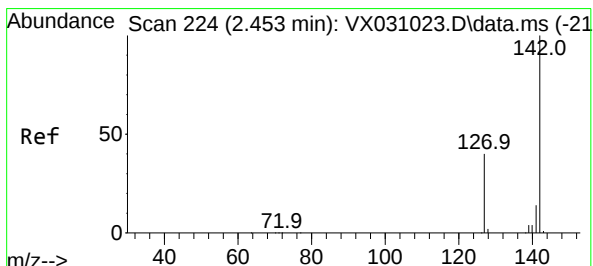
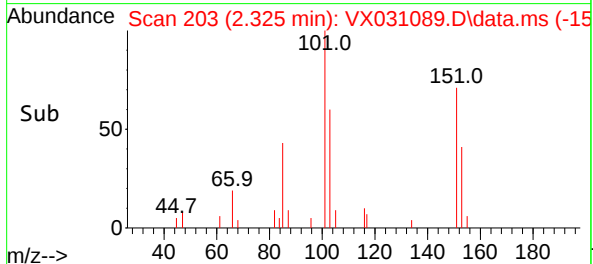
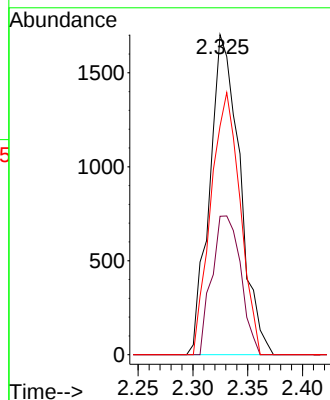
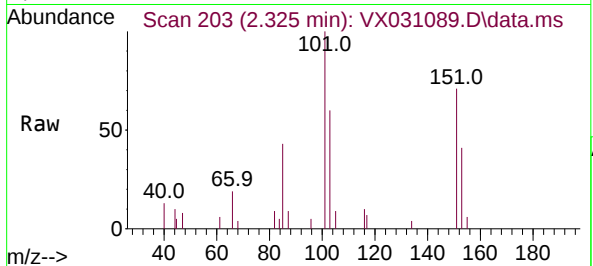




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.253 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

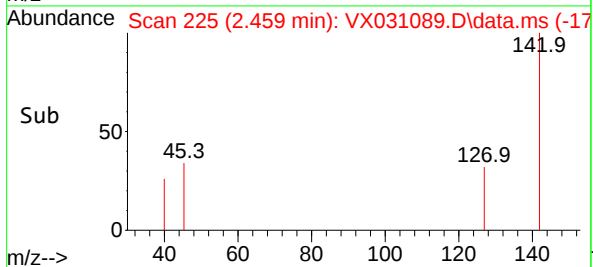
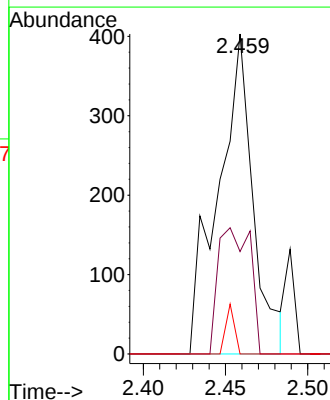
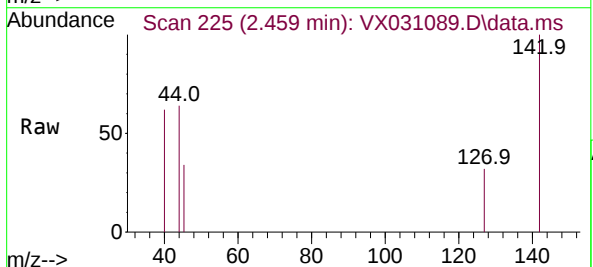
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

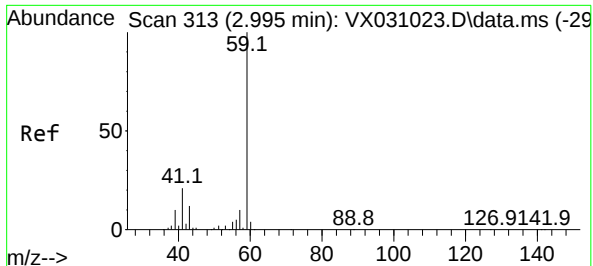
Tgt Ion:101 Resp: 3262
Ion Ratio Lower Upper
101 100
85 41.2 34.0 51.0
151 79.4 59.4 89.0



#10
Methyl Iodide
Concen: 3.131 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion:142 Resp: 596
Ion Ratio Lower Upper
142 100
127 36.1 30.2 45.2
141 3.9 11.3 16.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.965 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX031089.D

Acq: 03 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

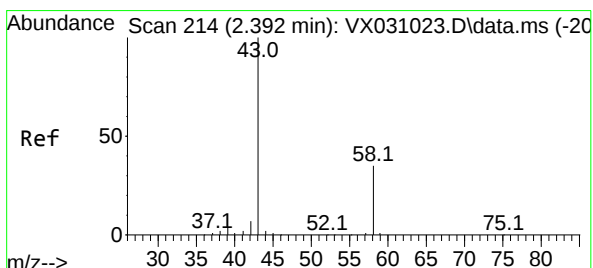
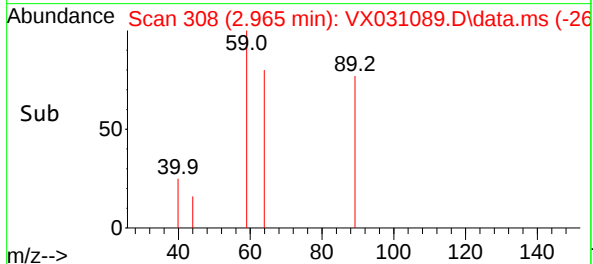
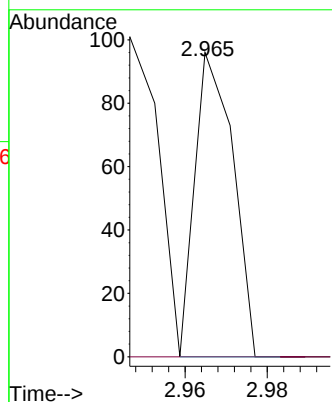
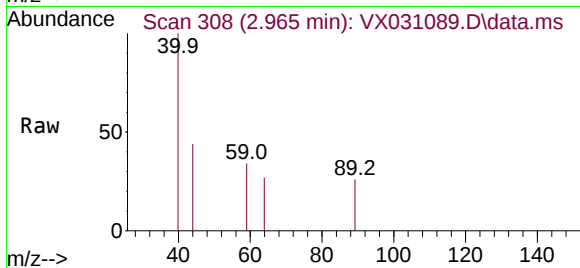
RE134D1-20220823

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 0.605 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031089.D

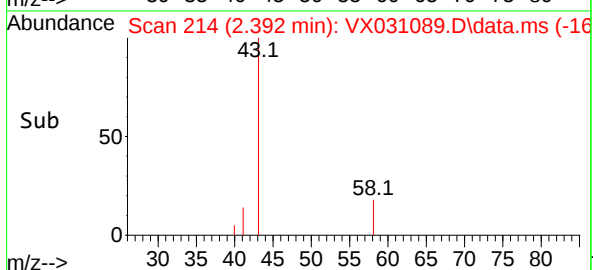
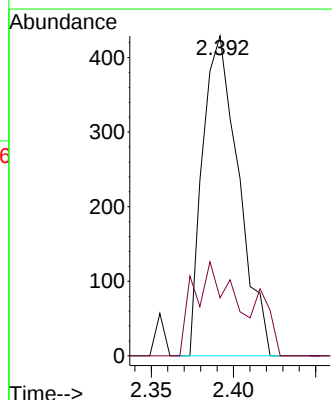
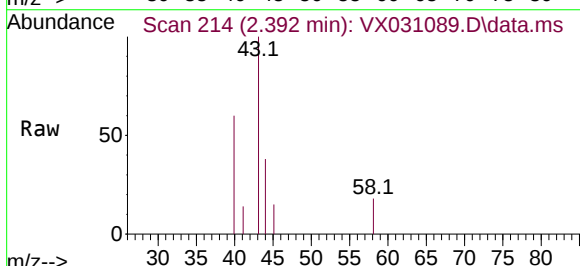
Acq: 03 Sep 2022 17:50

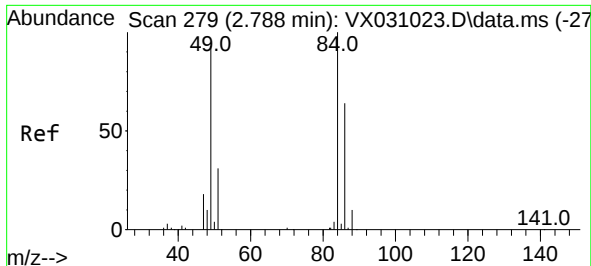
Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

58 18.2 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031089.D

Acq: 03 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20220823

Tgt Ion: 84 Resp: 369

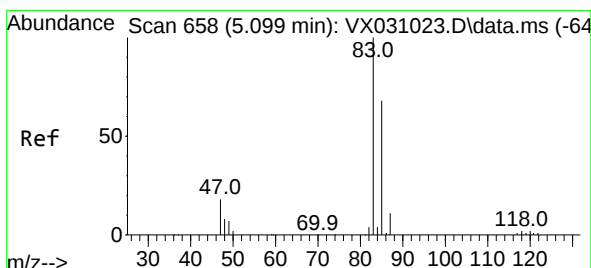
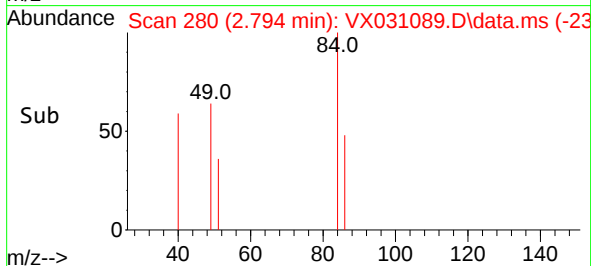
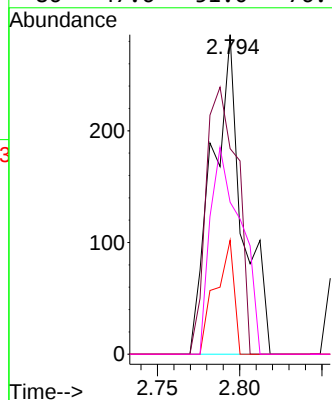
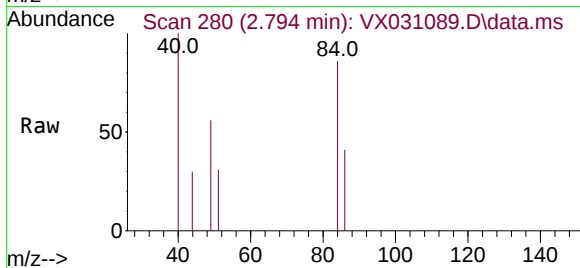
Ion Ratio Lower Upper

84 100

49 64.3 93.8 140.6#

51 35.7 29.4 44.0

86 47.6 51.0 76.4#



#30

Chloroform

Concen: 0.215 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX031089.D

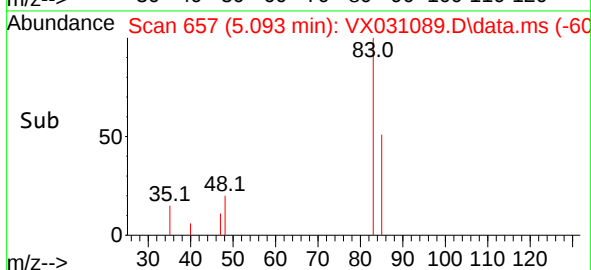
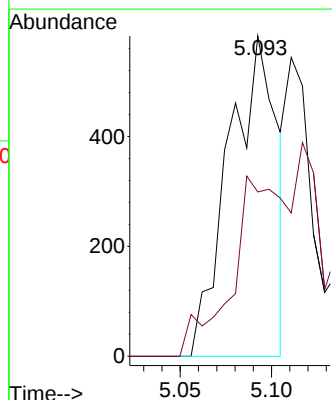
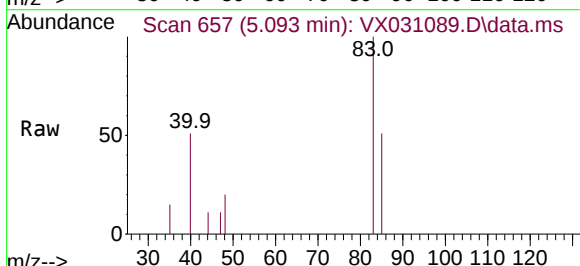
Acq: 03 Sep 2022 17:50

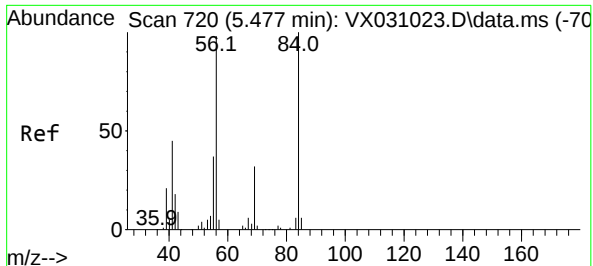
Tgt Ion: 83 Resp: 1067

Ion Ratio Lower Upper

83 100

85 51.3 51.5 77.3#

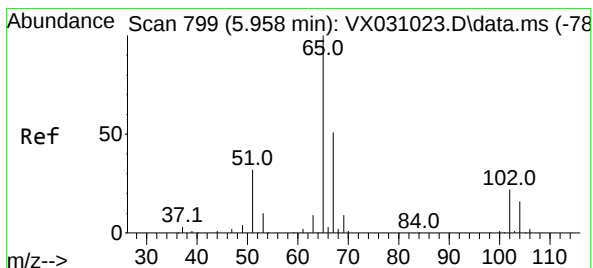
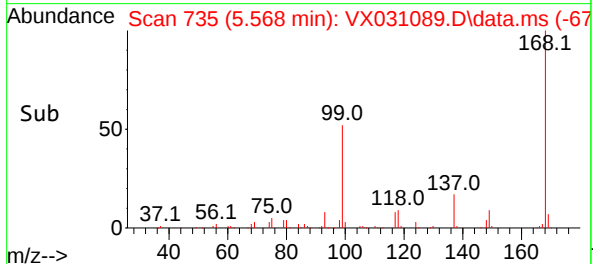
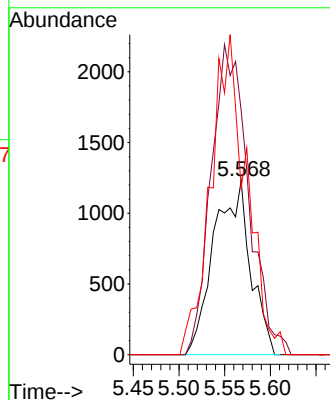
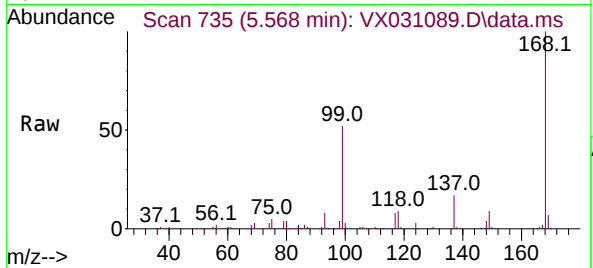




#31
Cyclohexane
Concen: 0.898 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.091 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

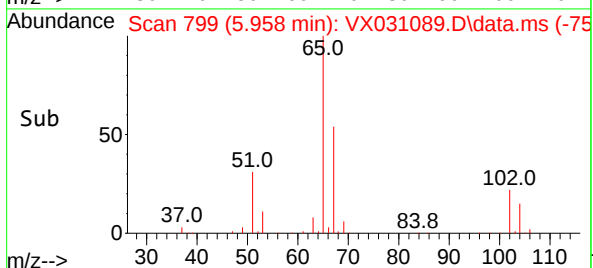
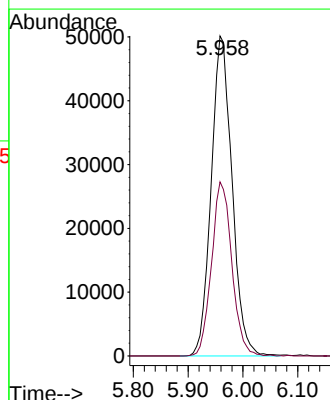
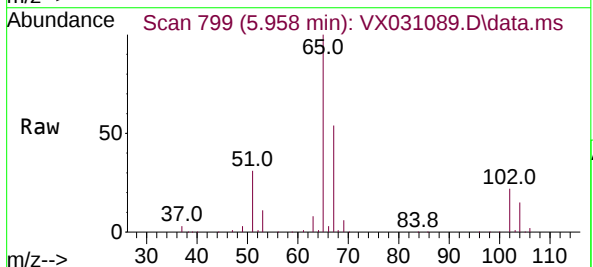
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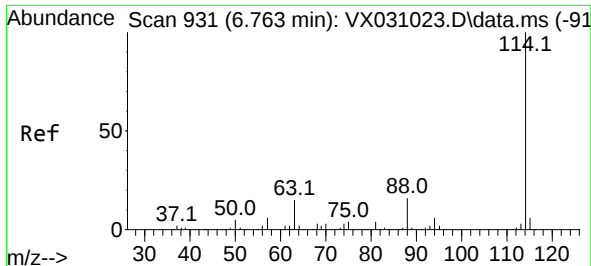
Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 140.3 25.4 38.0#
84 95.9 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 47.526 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion: 65 Resp: 132363
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

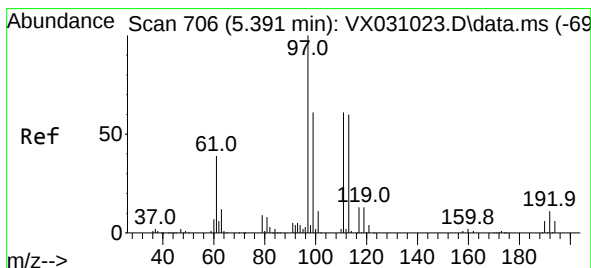
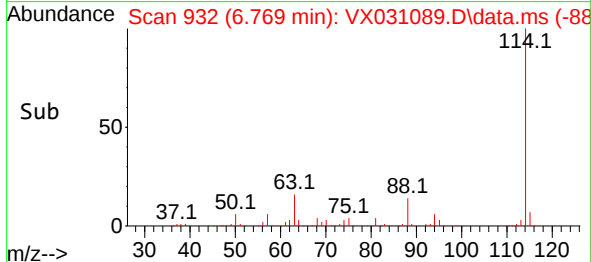
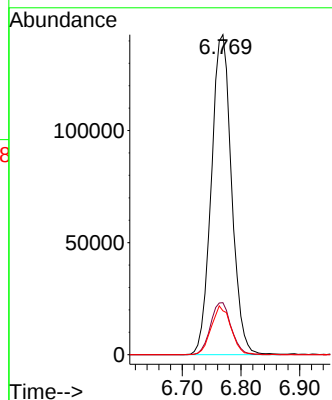
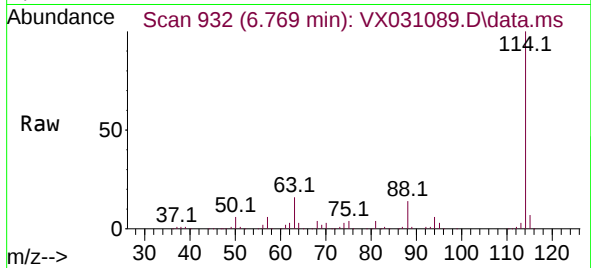




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

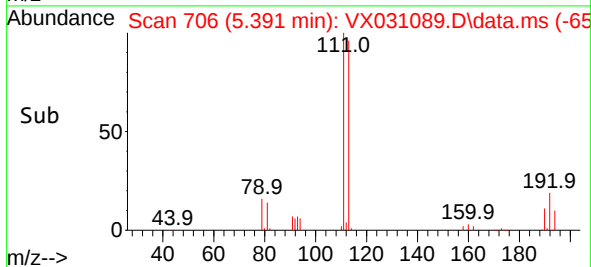
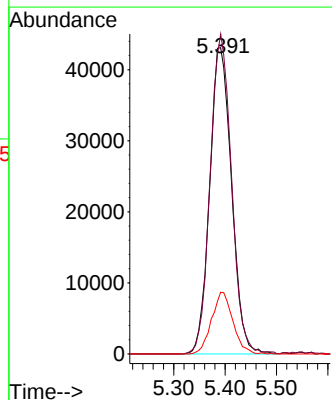
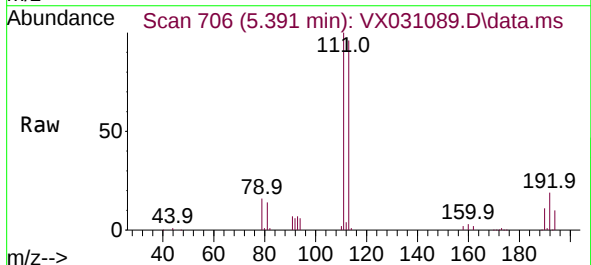
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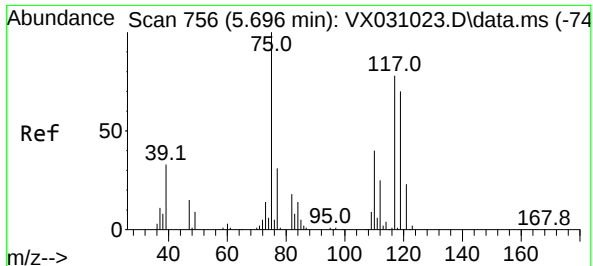
Tgt Ion:114 Resp: 341416
Ion Ratio Lower Upper
114 100
63 16.3 0.0 38.4
88 13.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion:113 Resp: 127583
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 19.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031089.D

Acq: 03 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20220823

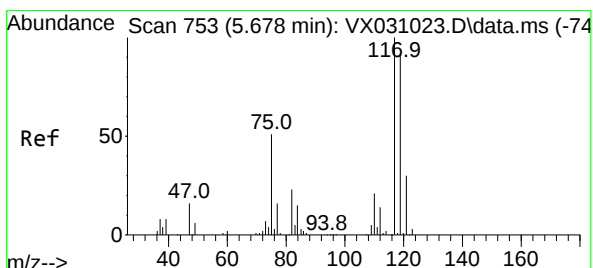
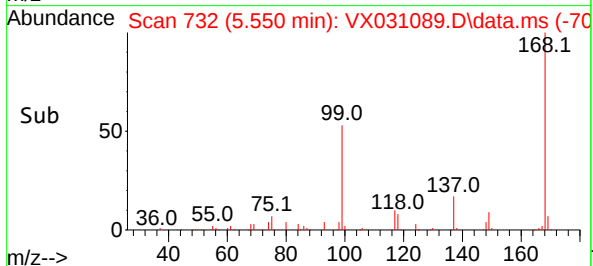
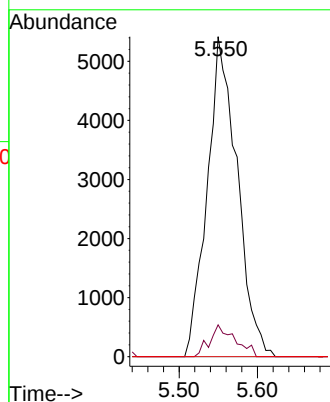
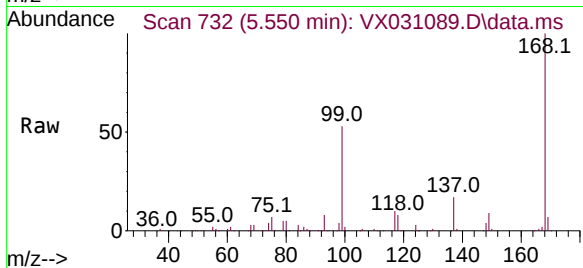
Tgt Ion: 75 Resp: 14375

Ion Ratio Lower Upper

75 100

110 8.4 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.834 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX031089.D

Acq: 03 Sep 2022 17:50

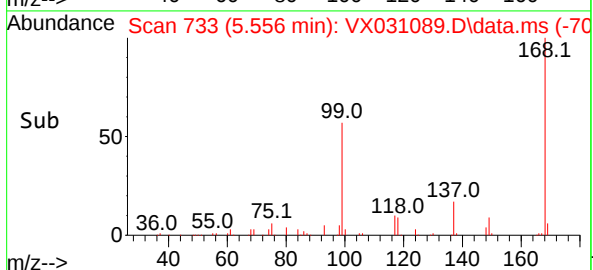
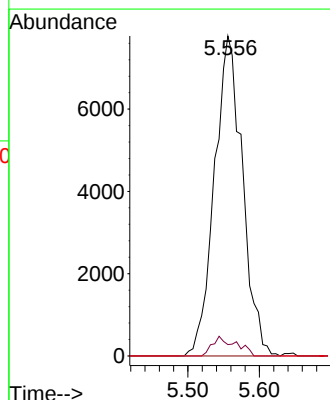
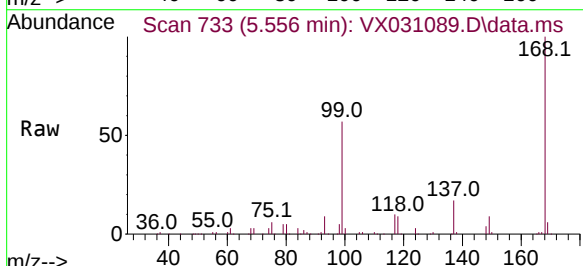
Tgt Ion: 117 Resp: 21133

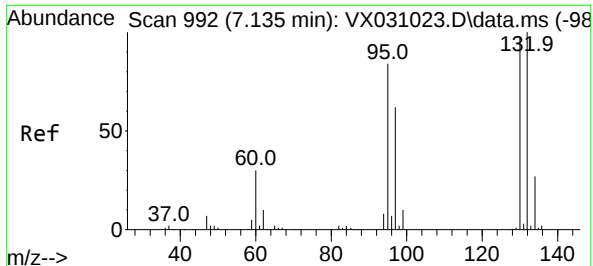
Ion Ratio Lower Upper

117 100

119 3.5 74.1 111.1#

121 0.0 25.8 38.8#

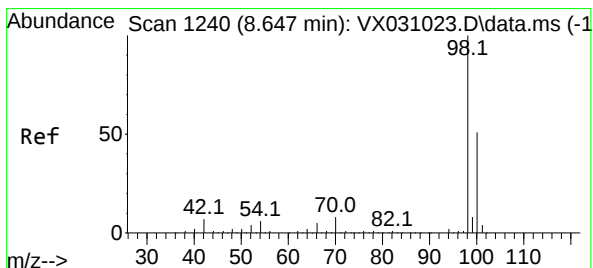
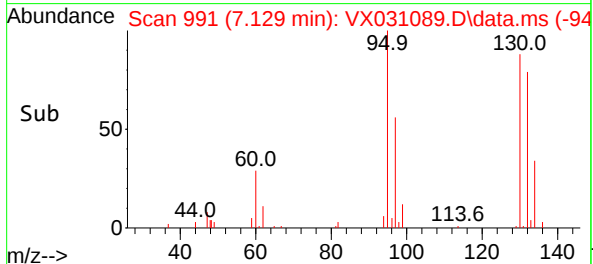
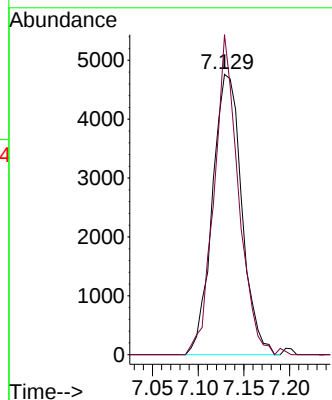
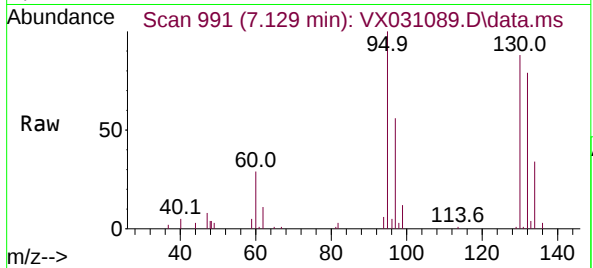




#44
Trichloroethene
Concen: 3.359 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

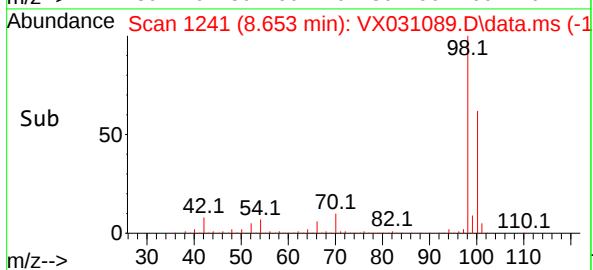
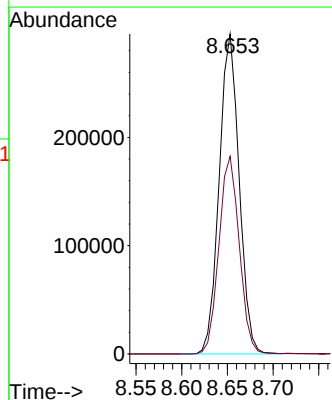
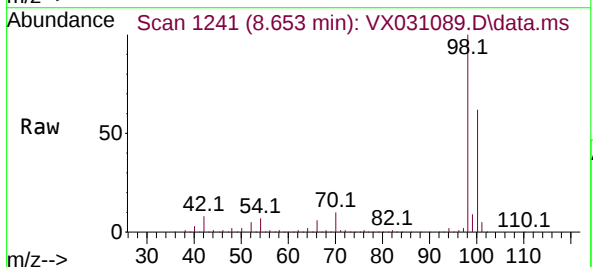
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

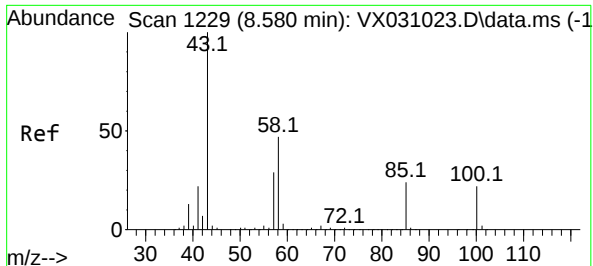
Tgt Ion:130 Resp: 10653
Ion Ratio Lower Upper
130 100
95 114.2 0.0 194.8



#50
Toluene-d8
Concen: 49.026 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion: 98 Resp: 449560
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031089.D

Acq: 03 Sep 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

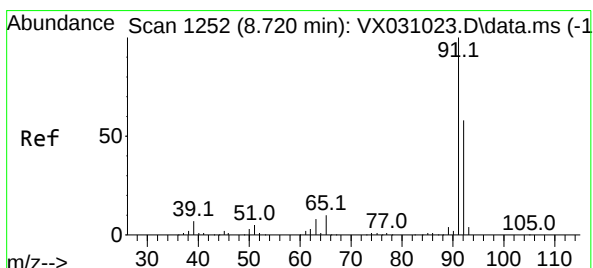
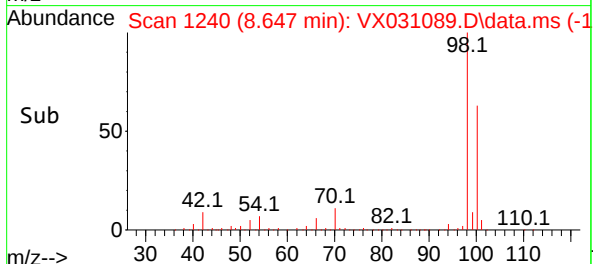
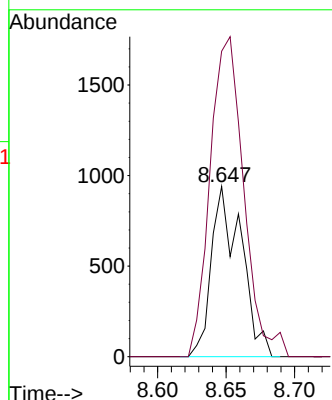
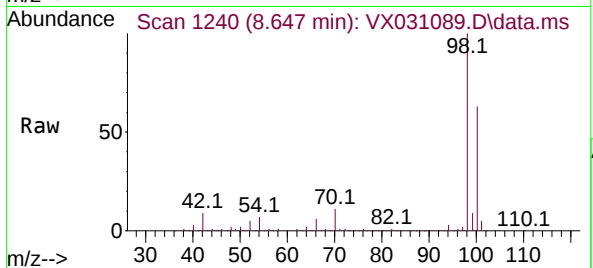
RE134D1-20220823

Tgt Ion: 43 Resp: 1428

Ion Ratio Lower Upper

43 100

58 211.4 31.4 47.2#



#52

Toluene

Concen: 0.577 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX031089.D

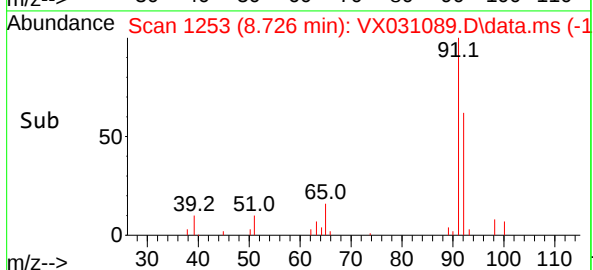
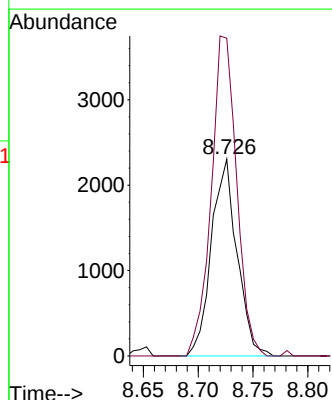
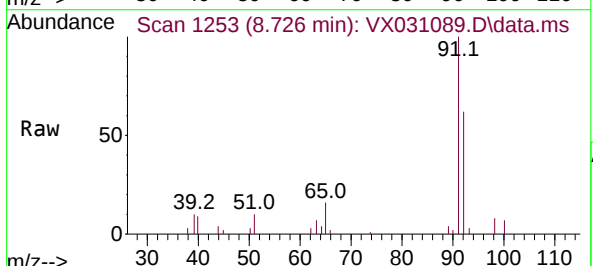
Acq: 03 Sep 2022 17:50

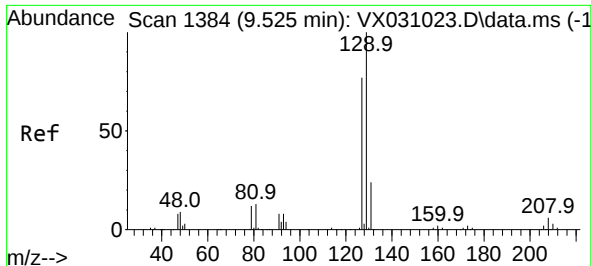
Tgt Ion: 92 Resp: 3752

Ion Ratio Lower Upper

92 100

91 161.4 139.2 208.8

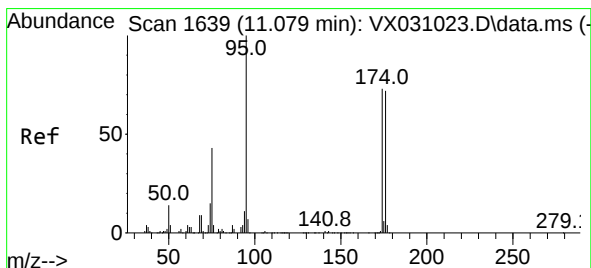
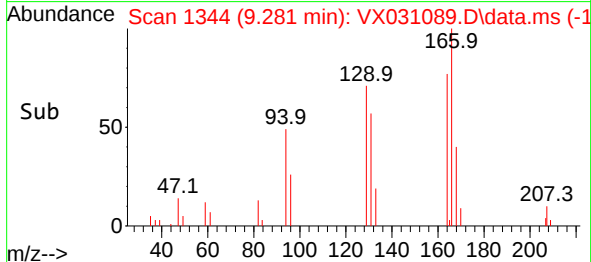
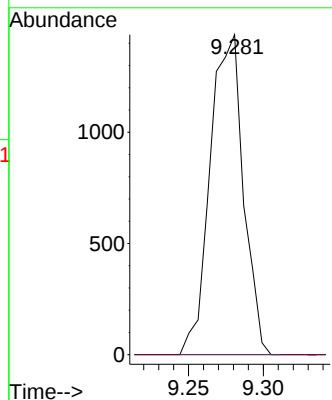
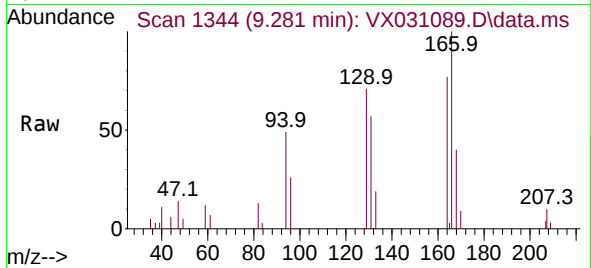




#60
Dibromochloromethane
Concen: 0.776 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

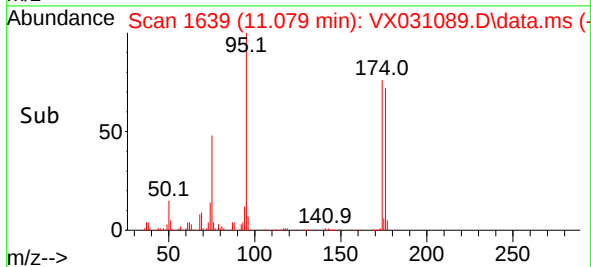
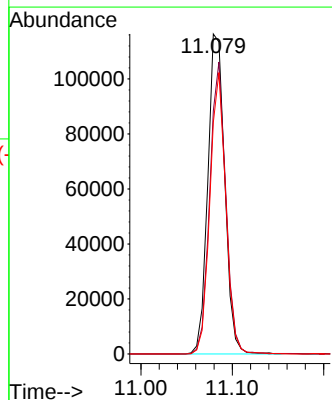
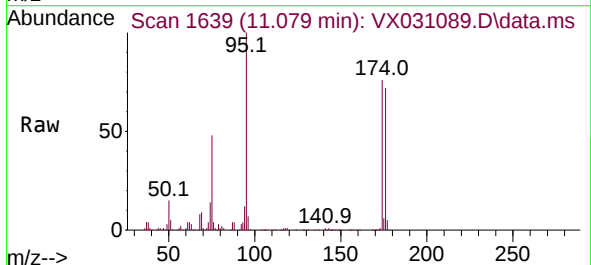
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

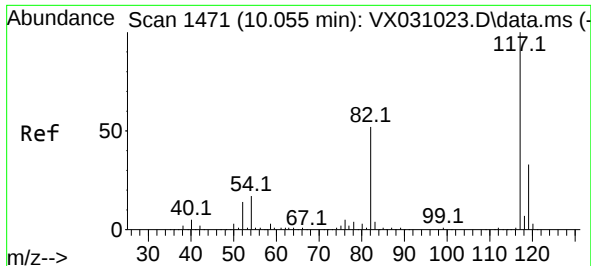
Tgt Ion:129 Resp: 2226
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion: 95 Resp: 149283
Ion Ratio Lower Upper
95 100
174 86.7 0.0 149.0
176 82.7 0.0 146.0

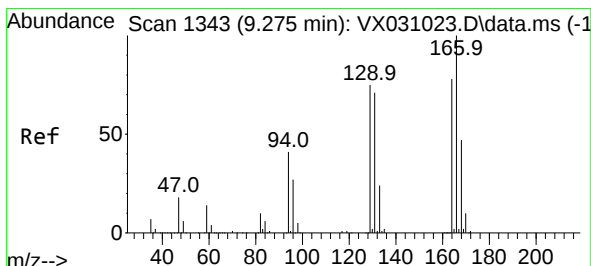
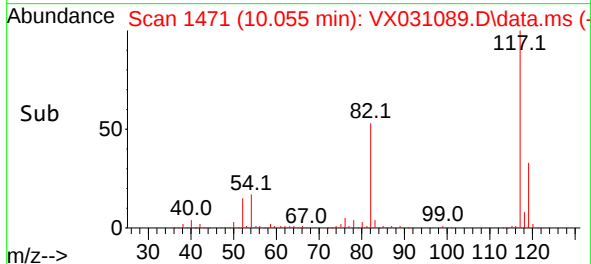
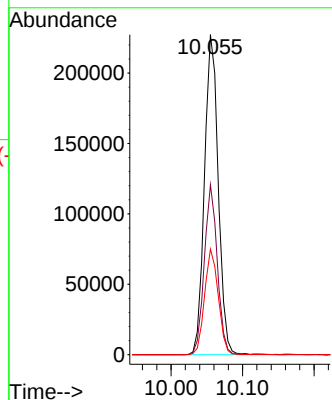
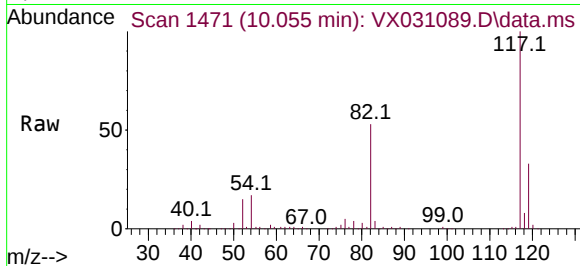




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

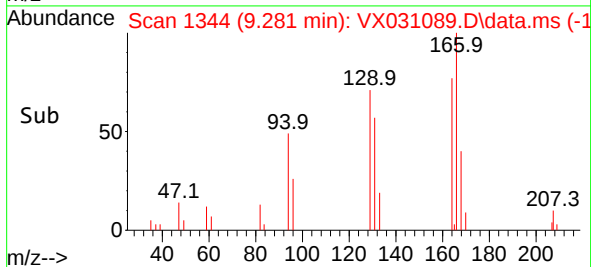
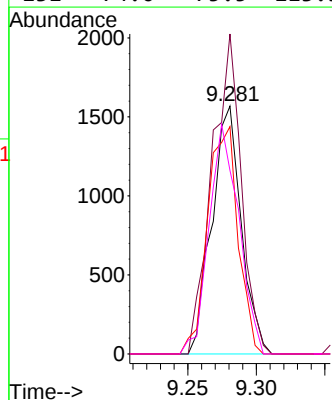
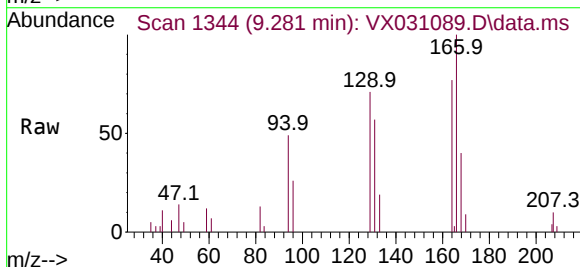
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20220823

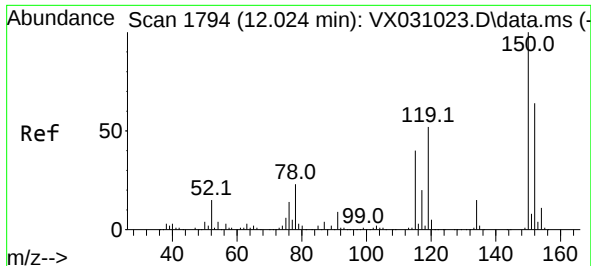
Tgt Ion:117 Resp: 304228
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.771 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031089.D
Acq: 03 Sep 2022 17:50

Tgt Ion:164 Resp: 2343
Ion Ratio Lower Upper
164 100
166 129.1 98.2 147.4
129 91.8 80.8 121.2
131 74.0 75.5 113.3#

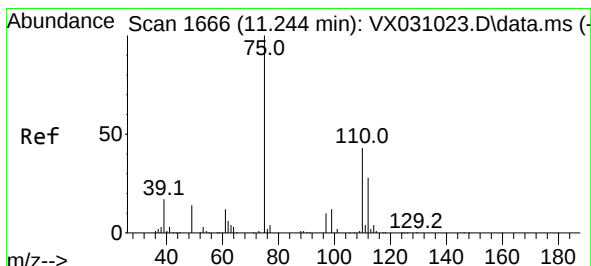
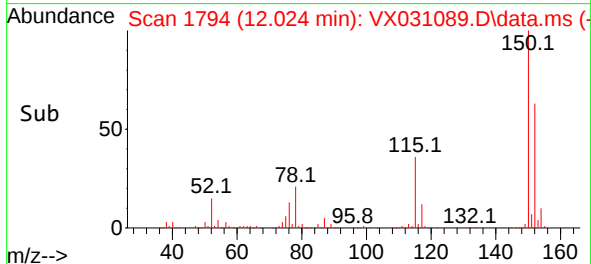
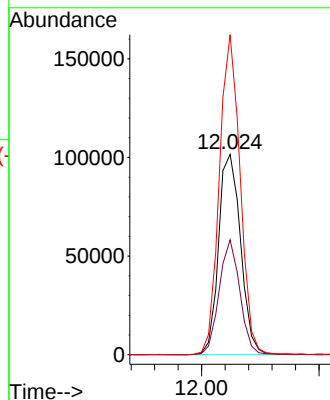
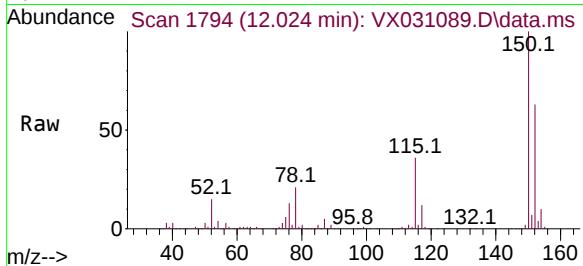




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031089.D
 Acq: 03 Sep 2022 17:50

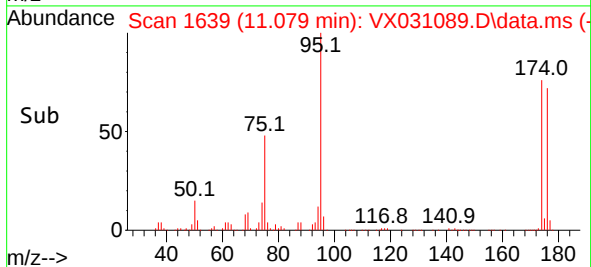
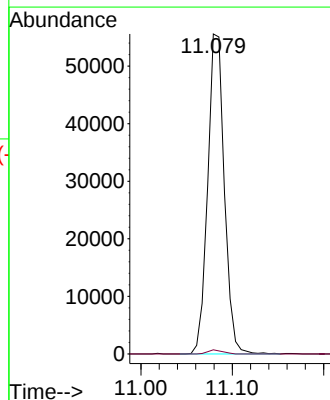
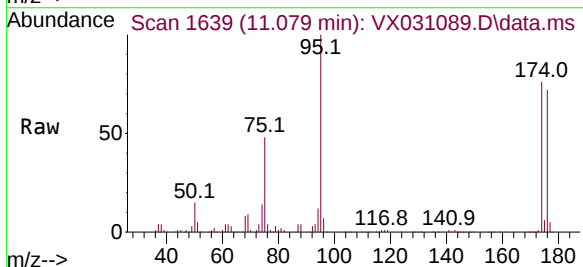
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220823

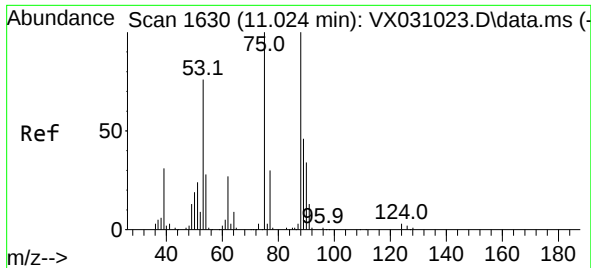
Tgt Ion:152 Resp: 132221
 Ion Ratio Lower Upper
 152 100
 115 53.9 40.5 121.5
 150 151.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.449 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031089.D
 Acq: 03 Sep 2022 17:50

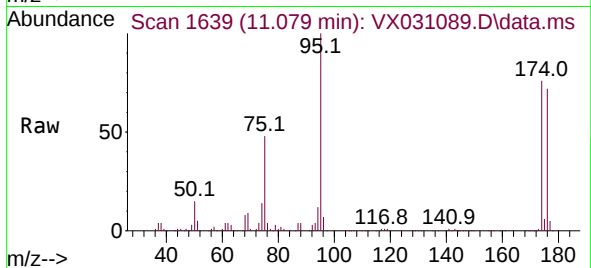
Tgt Ion: 75 Resp: 70168
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.553 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031089.D
 Acq: 03 Sep 2022 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20220823



Tgt Ion: 75 Resp: 70168
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

