

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031061.D
 Acq On : 02 Sep 2022 12:54
 Operator : JC/MD
 Sample : N4298-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Quant Time: Sep 03 00:49:02 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)

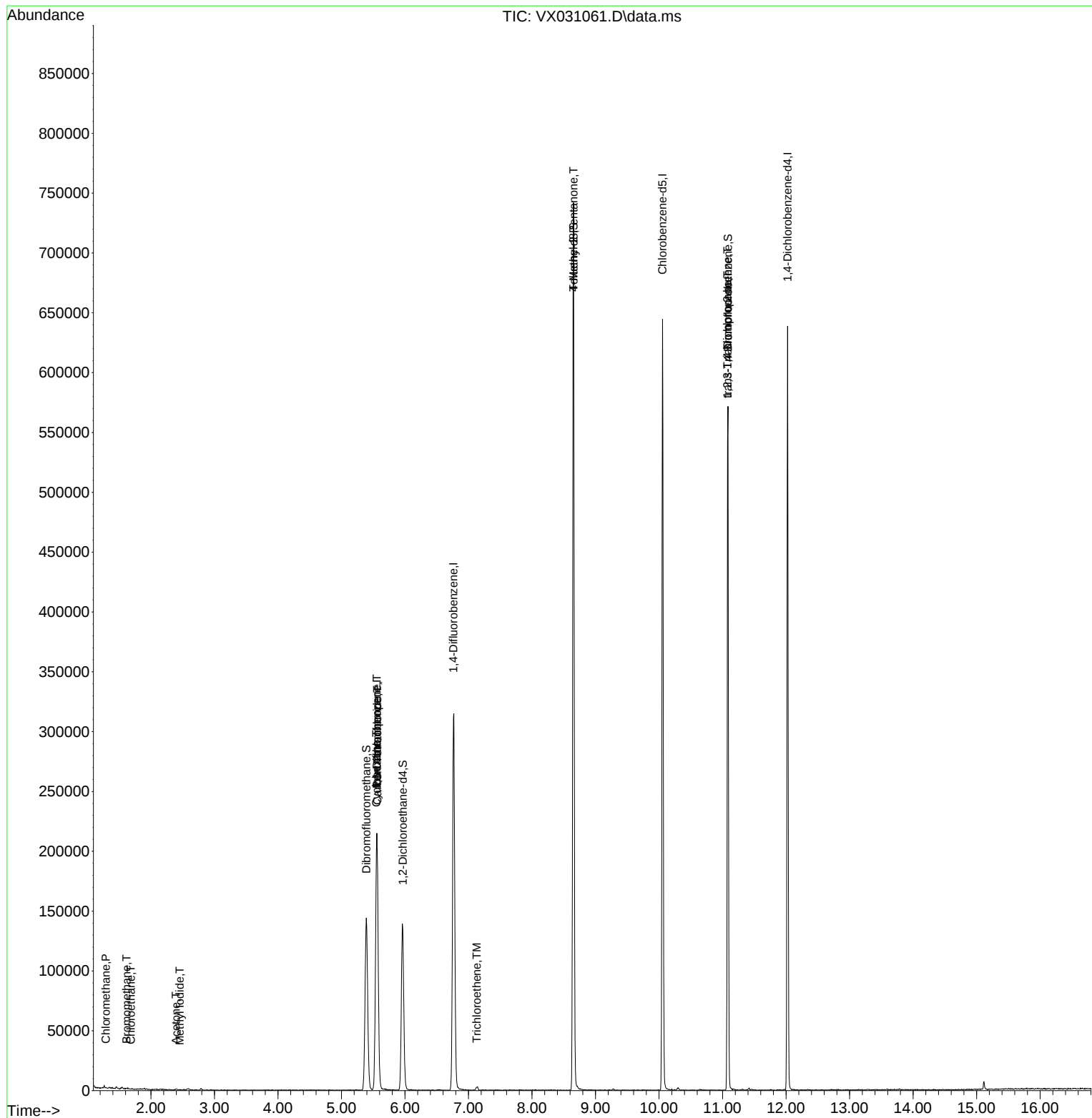
Internal Standards						
1) Pentafluorobenzene	5.556	168	221431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134591	47.239	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.480%
35) Dibromofluoromethane	5.391	113	130059	50.198	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%
50) Toluene-d8	8.653	98	474069	49.716	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	11.085	95	159147	47.253	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	231	0.805	ug/l	90
5) Bromomethane	1.618	94	270	0.254	ug/l	98
6) Chloroethane	1.685	64	18	1.751	ug/l #	41
10) Methyl Iodide	2.453	142	227	2.992	ug/l #	87
16) Acetone	2.392	43	921	0.837	ug/l #	85
20) Methylene Chloride	2.794	84	633	Below Cal	#	66
31) Cyclohexane	5.550	56	3462	0.890	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14346	3.953	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21743	5.772	ug/l #	16
44) Trichloroethene	7.129	130	1256	0.381	ug/l	80
51) 4-Methyl-2-Pentanone	8.653	43	1579	0.498	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	73690	21.664	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	73690	68.084	ug/l #	12

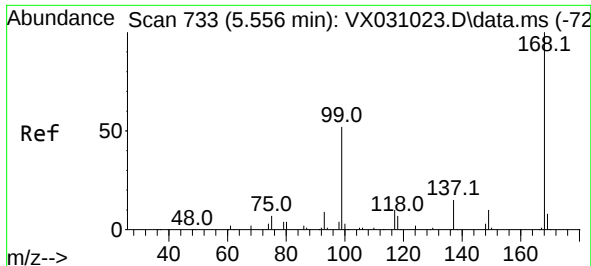
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

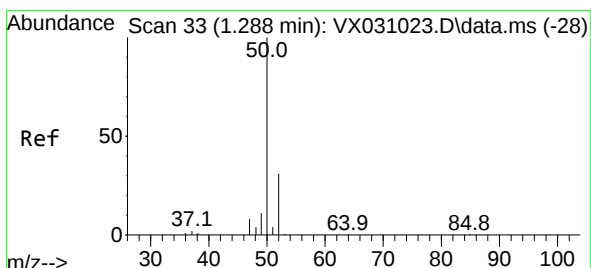
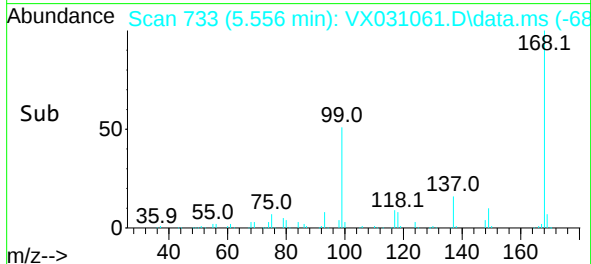
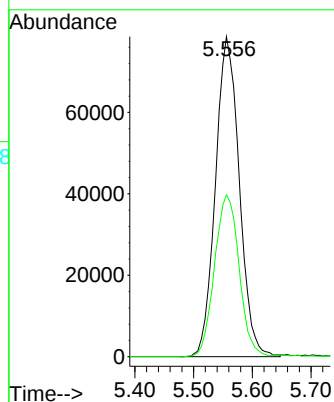
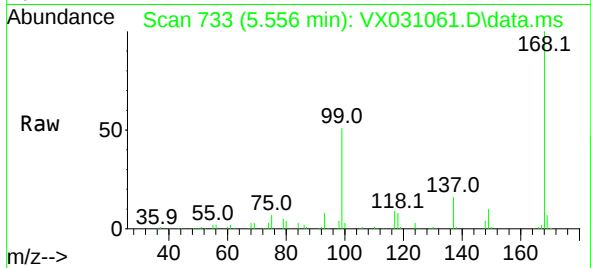




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

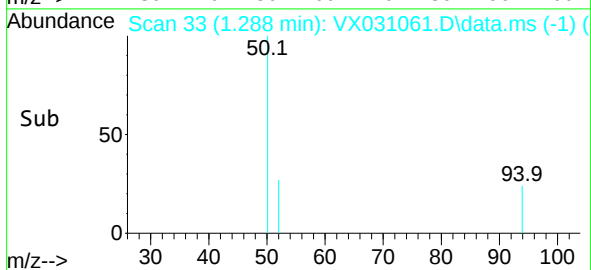
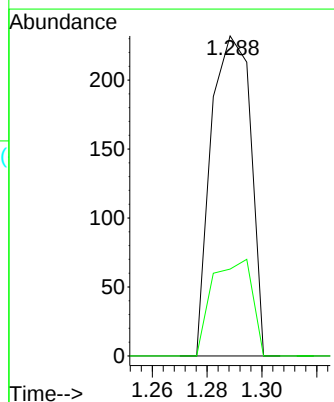
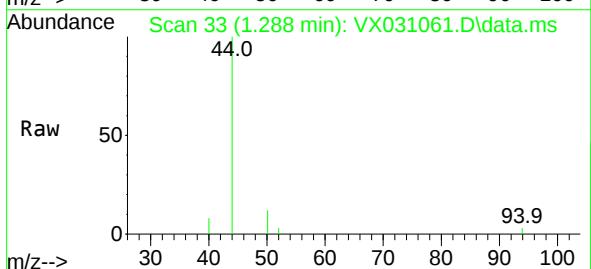
Instrument :
MSVOA_X
ClientSampleId :
MDL04

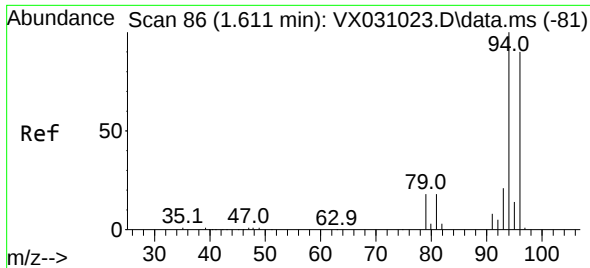
Tgt Ion:168 Resp: 221431
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#3
Chloromethane
Concen: 0.805 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion: 50 Resp: 231
Ion Ratio Lower Upper
50 100
52 27.2 26.3 39.5

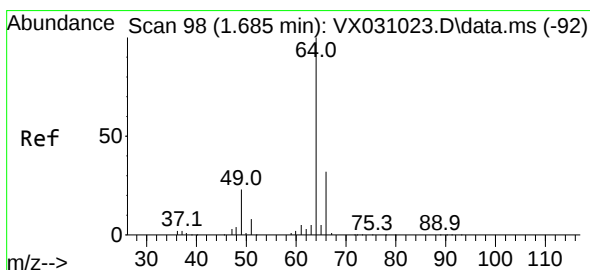
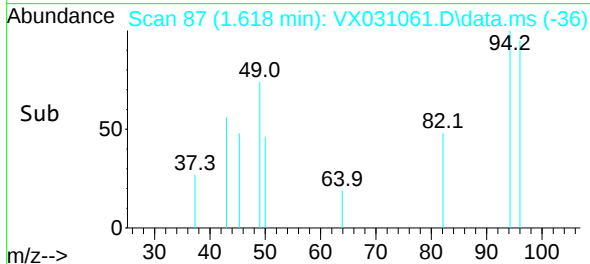
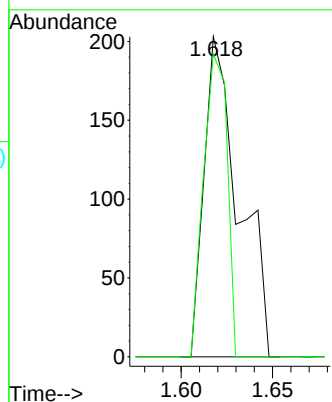
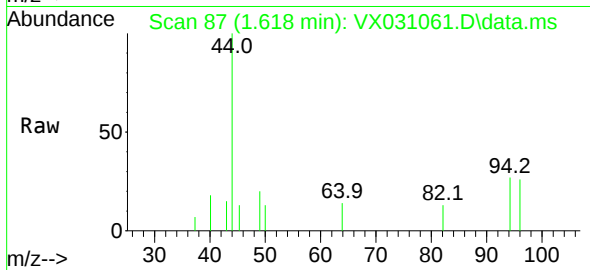




#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

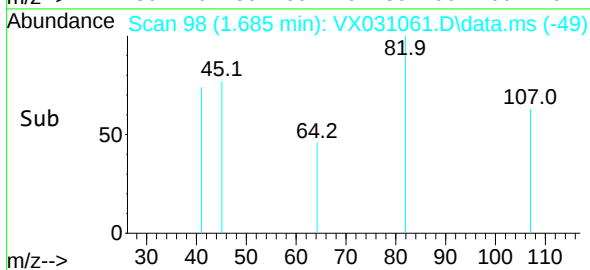
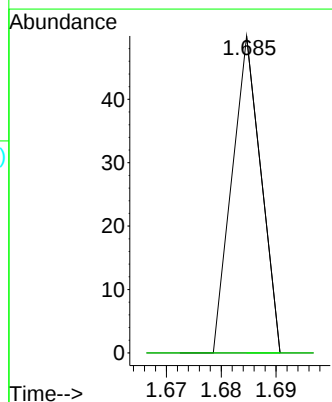
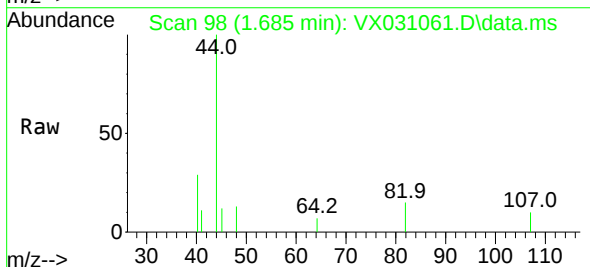
Instrument :
MSVOA_X
ClientSampleId :
MDL04

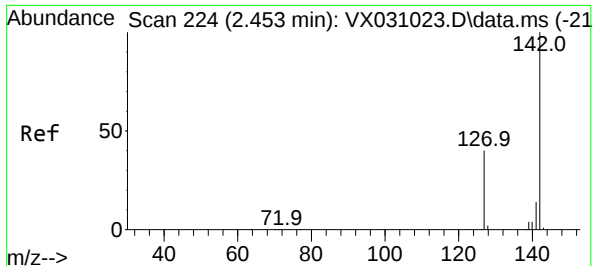
Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 94.6 76.9 115.3



#6
Chloroethane
Concen: 1.751 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion: 64 Resp: 18
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

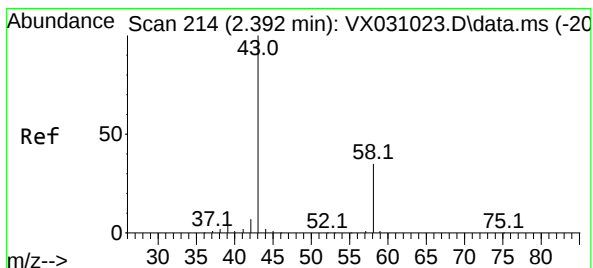
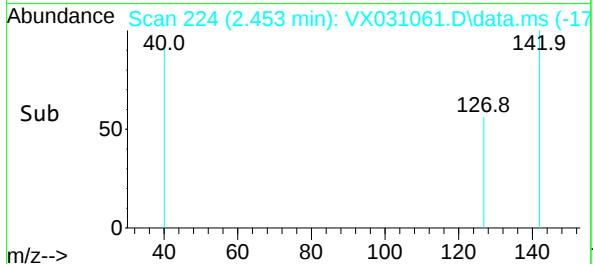
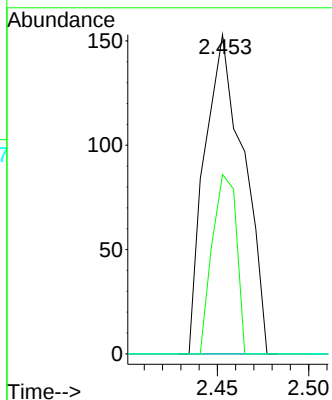
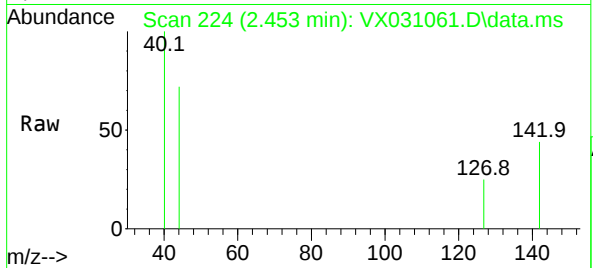




#10
Methyl Iodide
Concen: 2.992 ug/l
RT: 2.453 min Scan# 210
Delta R.T. -0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

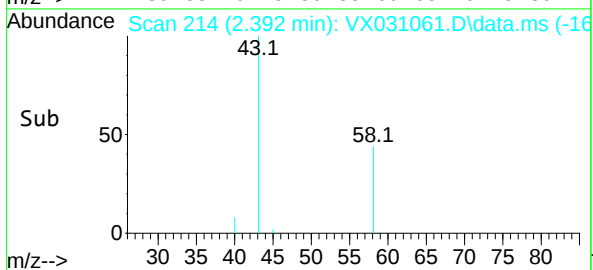
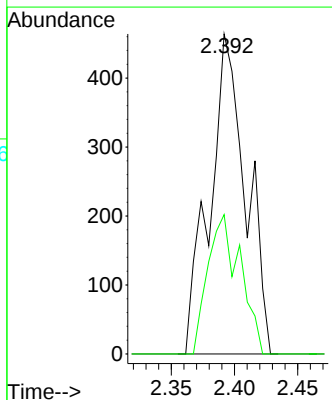
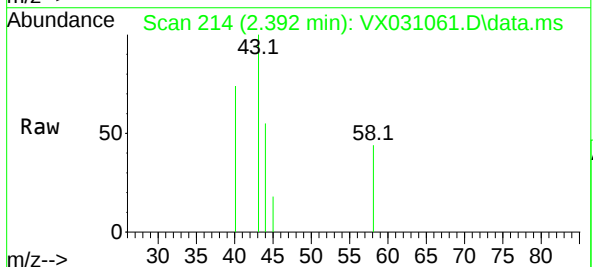
Instrument :
MSVOA_X
ClientSampleId :
MDL04

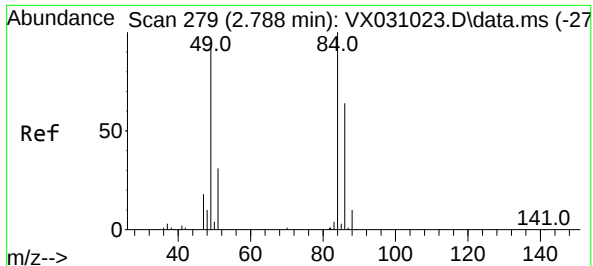
Tgt Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 34.8 30.2 45.2
141 0.0 11.3 16.9#



#16
Acetone
Concen: 0.837 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion: 43 Resp: 921
Ion Ratio Lower Upper
43 100
58 43.5 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX031061.D

Acq: 02 Sep 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

MDL04

Tgt Ion: 84 Resp: 633

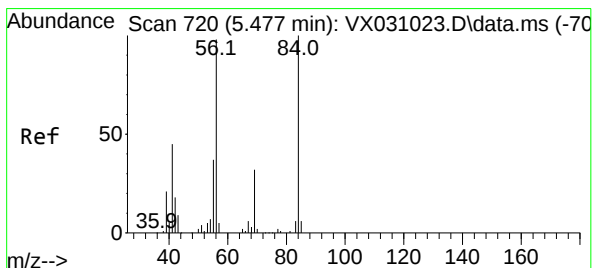
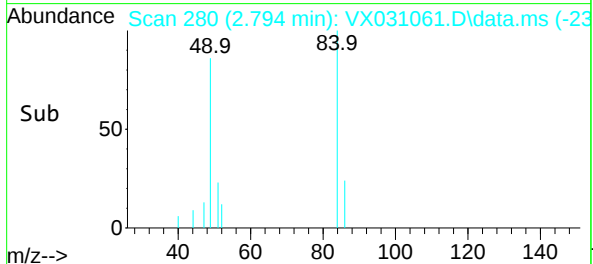
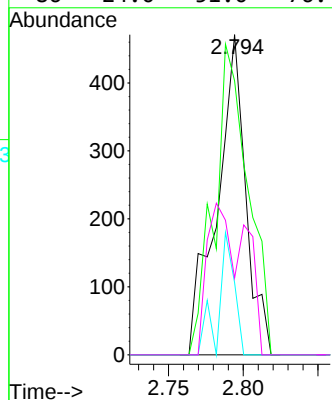
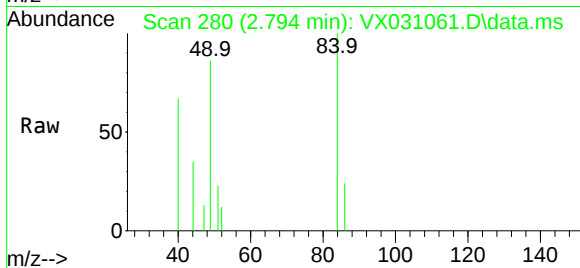
Ion Ratio Lower Upper

84 100

49 85.6 93.8 140.6#

51 22.5 29.4 44.0#

86 24.0 51.0 76.4#



#31

Cyclohexane

Concen: 0.890 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX031061.D

Acq: 02 Sep 2022 12:54

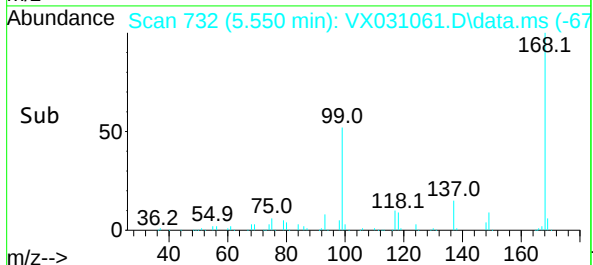
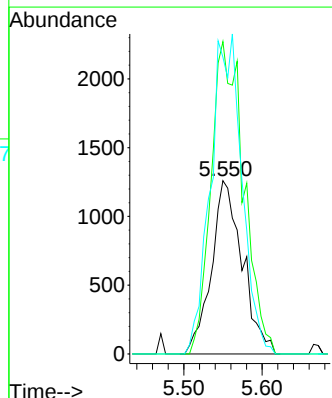
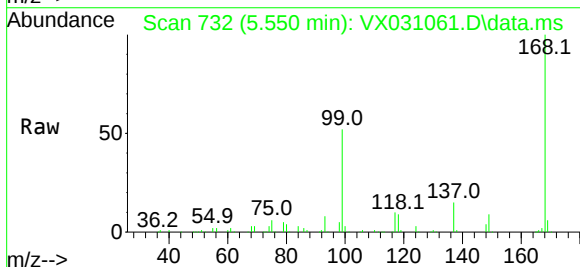
Tgt Ion: 56 Resp: 3462

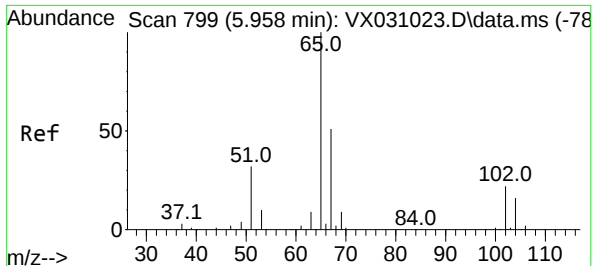
Ion Ratio Lower Upper

56 100

69 180.2 25.4 38.0#

84 171.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.239 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031061.D

Acq: 02 Sep 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

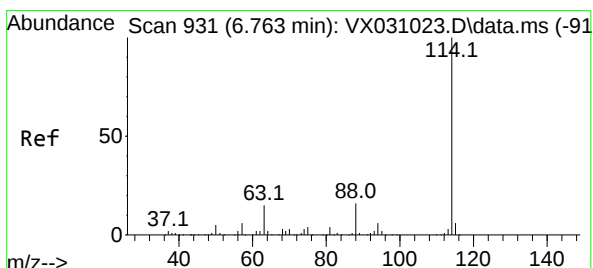
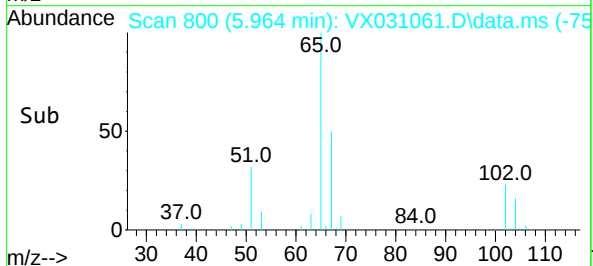
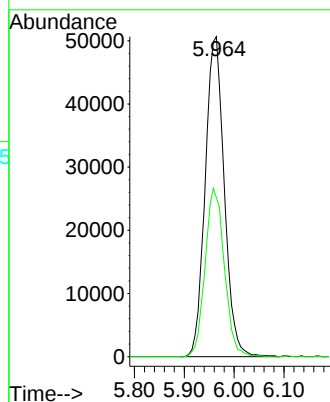
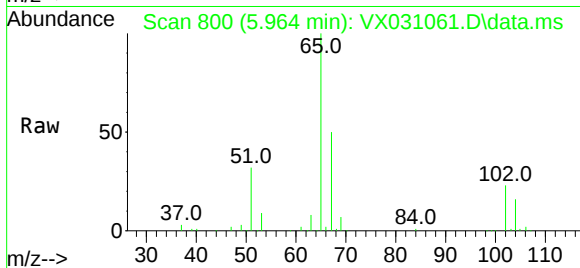
MDL04

Tgt Ion: 65 Resp: 134591

Ion Ratio Lower Upper

65 100

67 53.1 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: VX031061.D

Acq: 02 Sep 2022 12:54

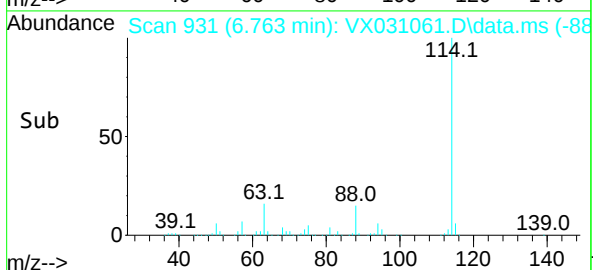
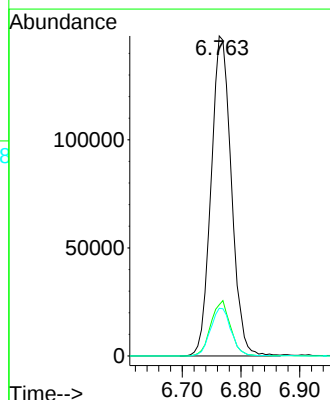
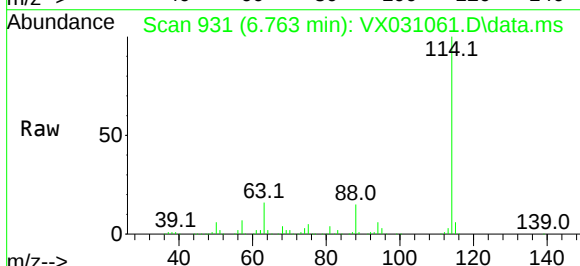
Tgt Ion: 114 Resp: 355037

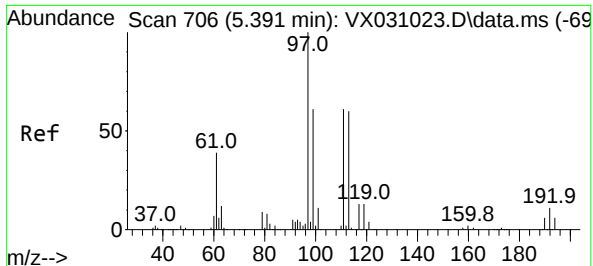
Ion Ratio Lower Upper

114 100

63 16.0 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.198 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031061.D

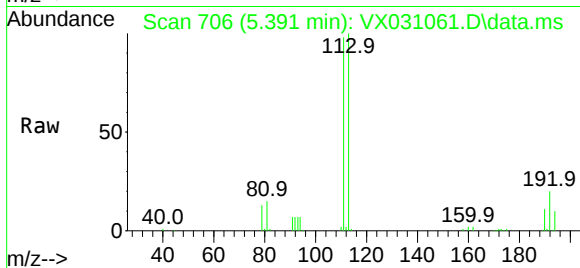
Acq: 02 Sep 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

MDL04



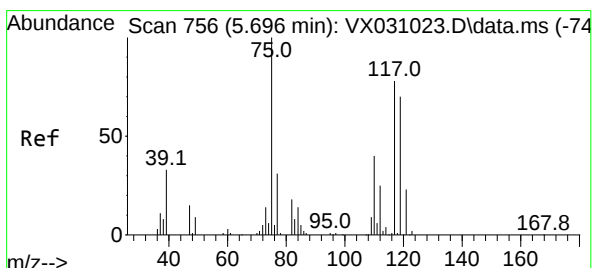
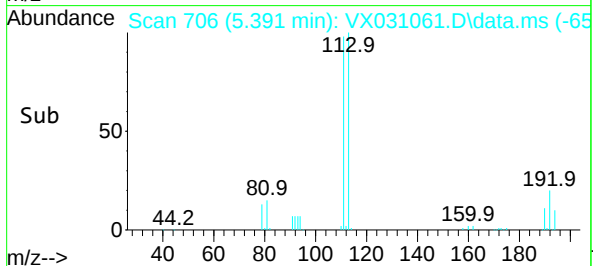
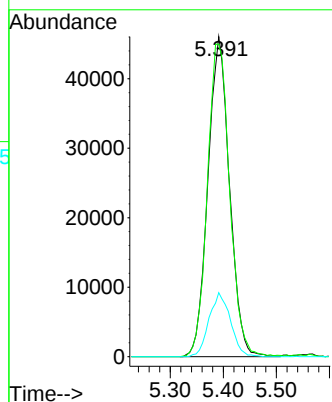
Tgt Ion:113 Resp: 130059

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 19.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.953 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031061.D

Acq: 02 Sep 2022 12:54

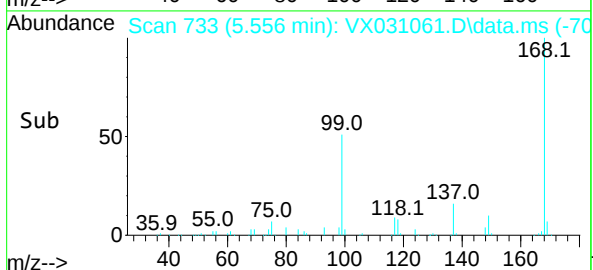
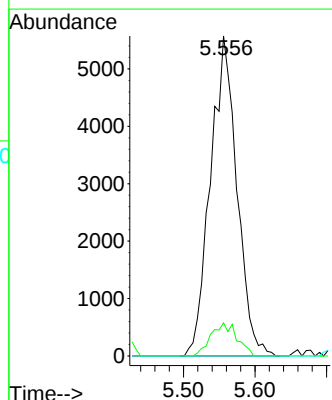
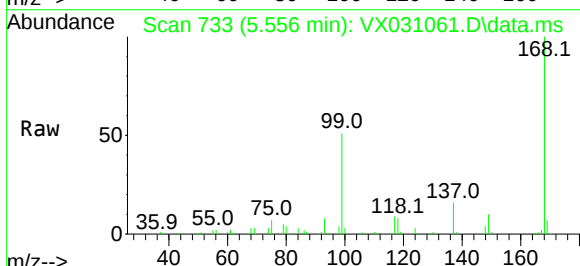
Tgt Ion: 75 Resp: 14346

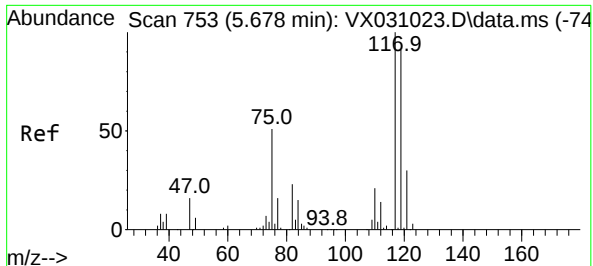
Ion Ratio Lower Upper

75 100

110 10.2 19.3 57.9#

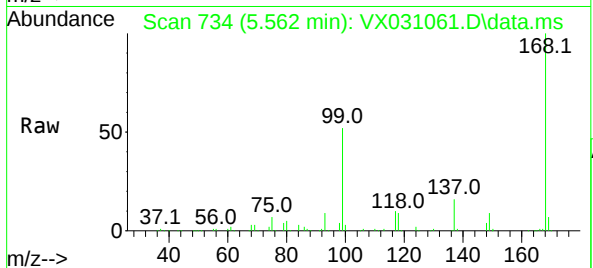
77 0.0 24.4 36.6#



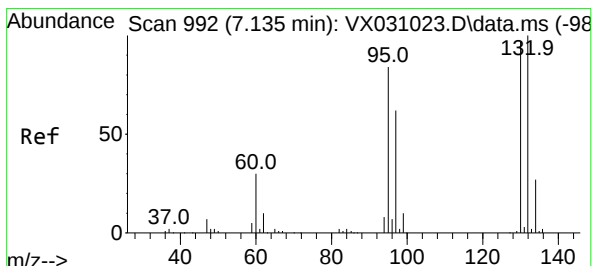
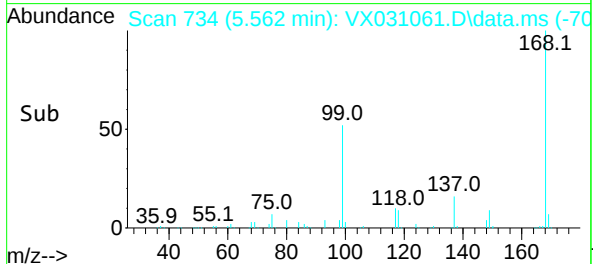
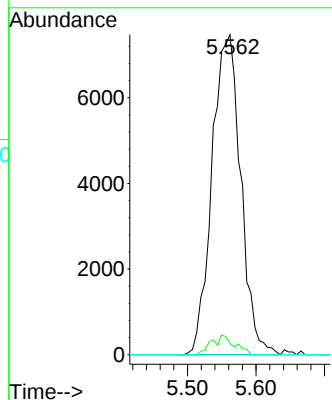


#38
Carbon Tetrachloride
Concen: 5.772 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
MDL04

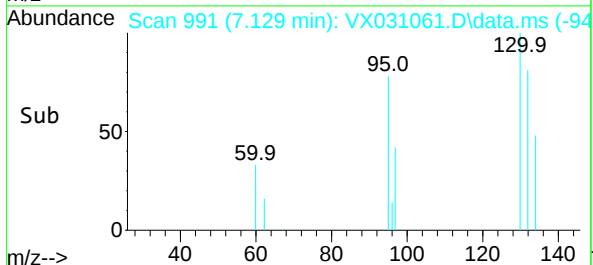
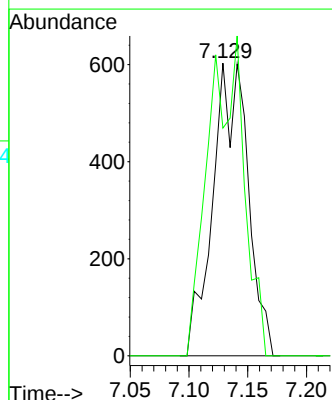
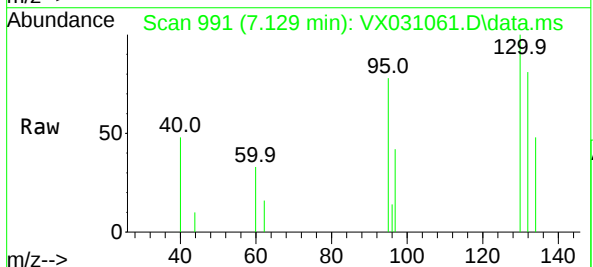


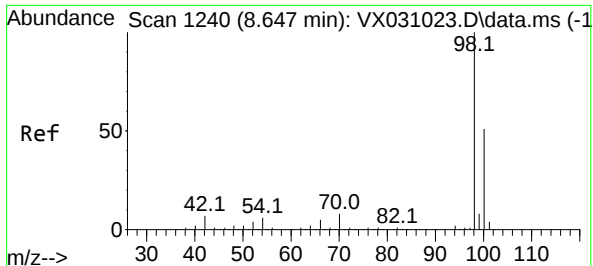
Tgt Ion:117 Resp: 21743
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.381 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion:130 Resp: 1256
Ion Ratio Lower Upper
130 100
95 77.8 0.0 194.8

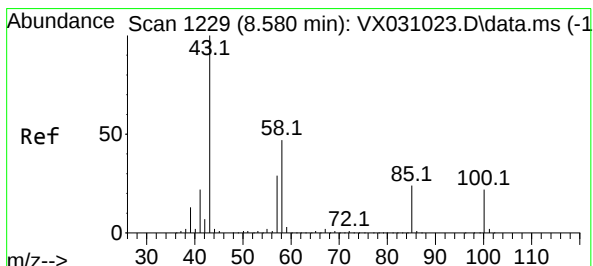
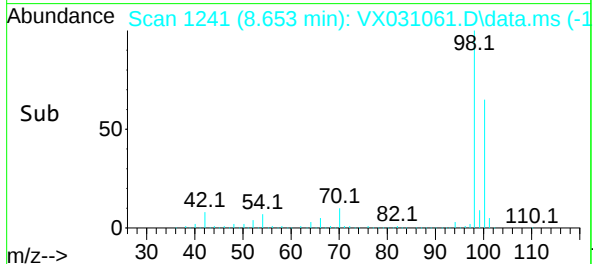
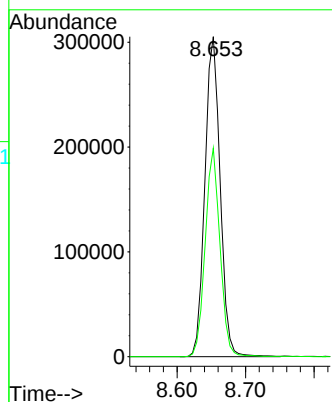
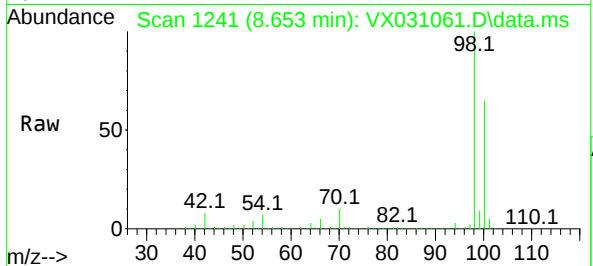




#50
Toluene-d8
Concen: 49.716 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

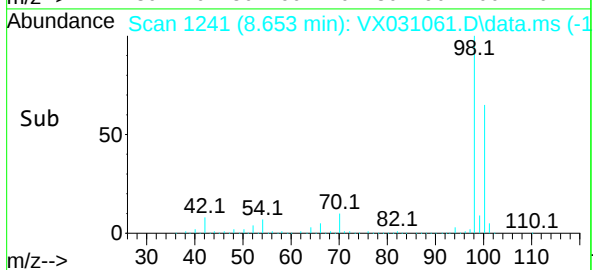
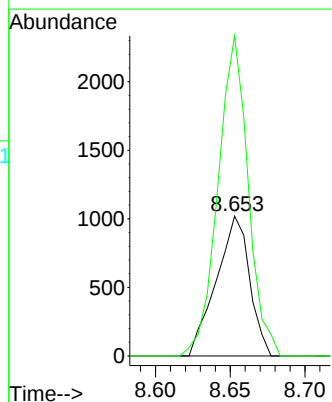
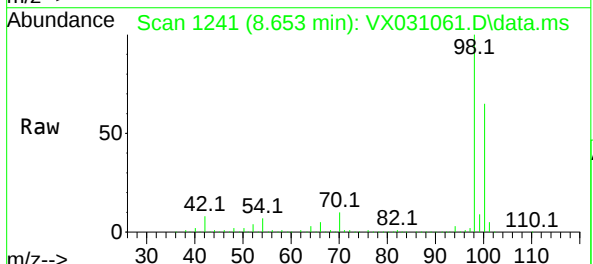
Instrument :
MSVOA_X
ClientSampleId :
MDL04

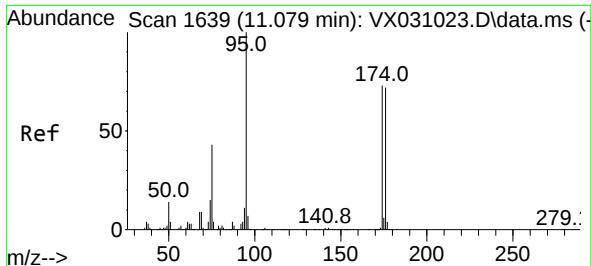
Tgt Ion: 98 Resp: 474069
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion: 43 Resp: 1579
Ion Ratio Lower Upper
43 100
58 207.6 31.4 47.2#

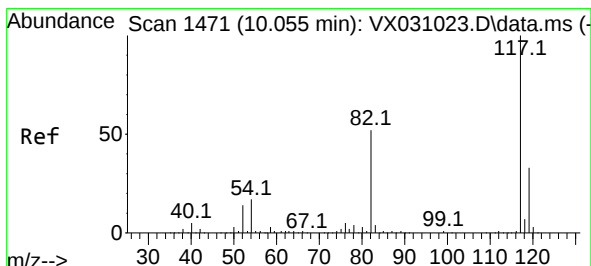
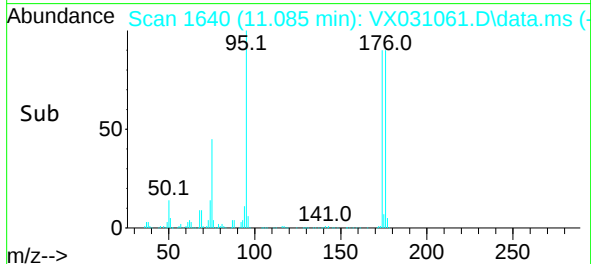
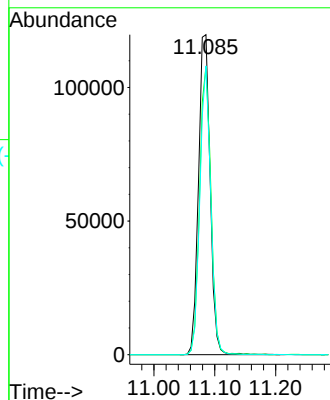
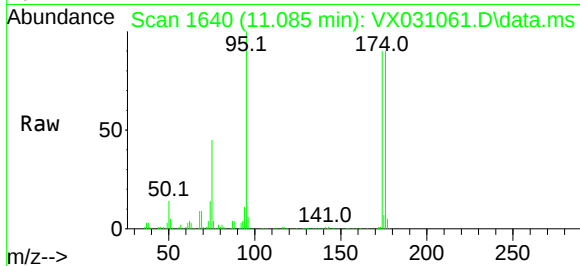




#62
4-Bromofluorobenzene
Concen: 47.253 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

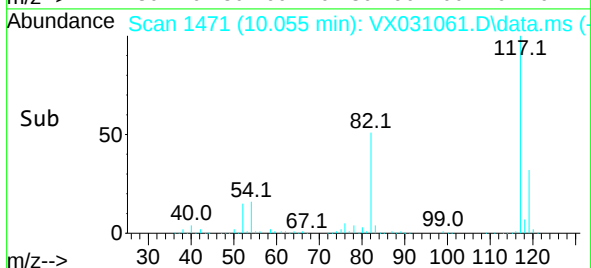
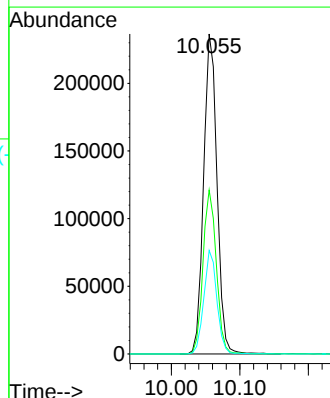
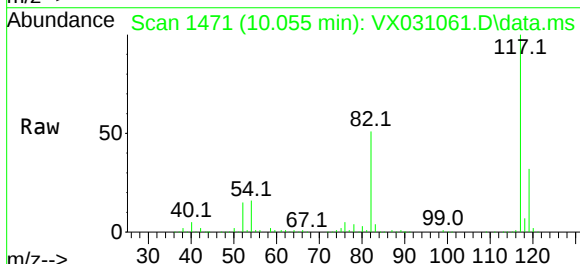
Instrument :
MSVOA_X
ClientSampleId :
MDL04

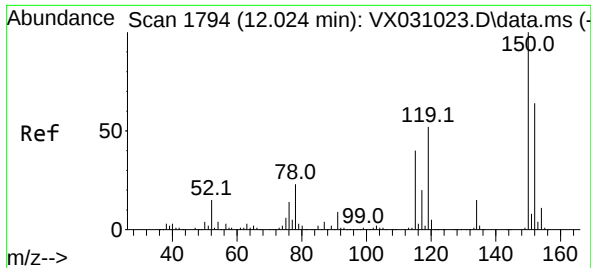
Tgt Ion: 95 Resp: 159147
Ion Ratio Lower Upper
95 100
174 87.4 0.0 149.0
176 84.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031061.D
Acq: 02 Sep 2022 12:54

Tgt Ion: 117 Resp: 322143
Ion Ratio Lower Upper
117 100
82 51.2 42.7 64.1
119 32.3 25.4 38.2

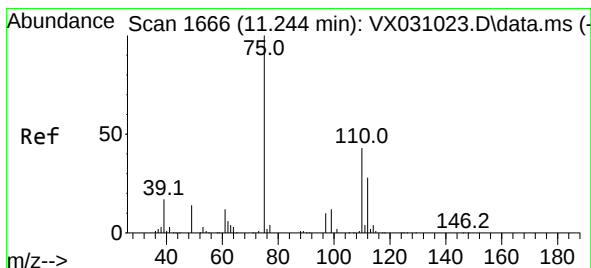
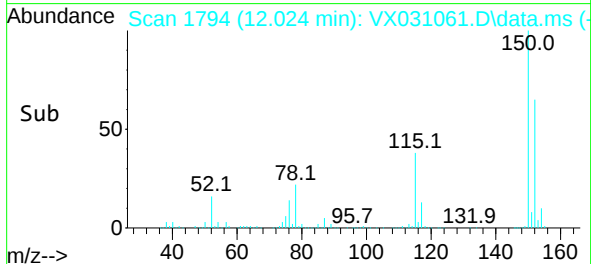
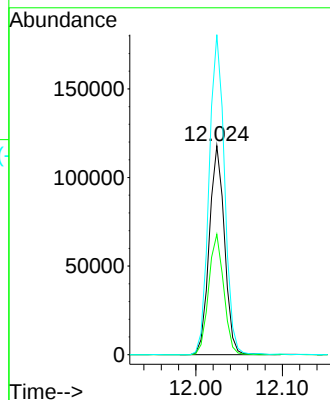
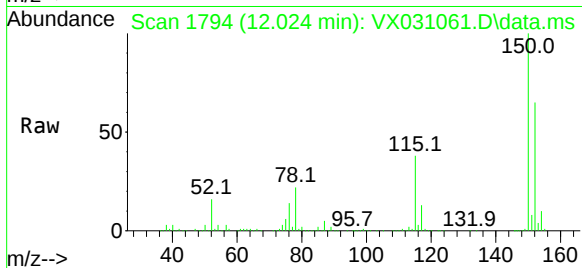




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031061.D
 Acq: 02 Sep 2022 12:54

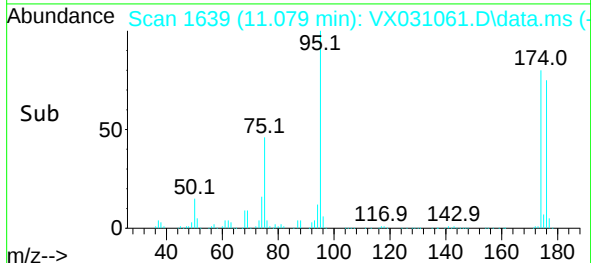
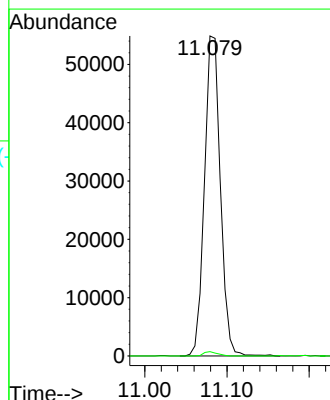
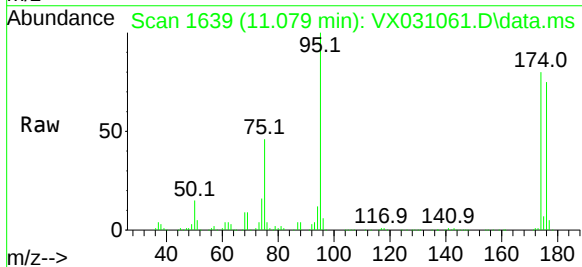
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

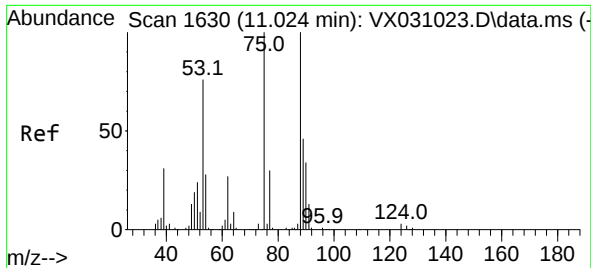
Tgt Ion:152 Resp: 143893
 Ion Ratio Lower Upper
 152 100
 115 57.0 40.5 121.5
 150 155.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.664 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031061.D
 Acq: 02 Sep 2022 12:54

Tgt Ion: 75 Resp: 73690
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.084 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031061.D
 Acq: 02 Sep 2022 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL04

Tgt Ion: 75 Resp: 73690
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

