

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031072.D
 Acq On : 02 Sep 2022 17:12
 Operator : JC/MD
 Sample : N4281-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220818

Quant Time: Sep 03 00:50:39 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)

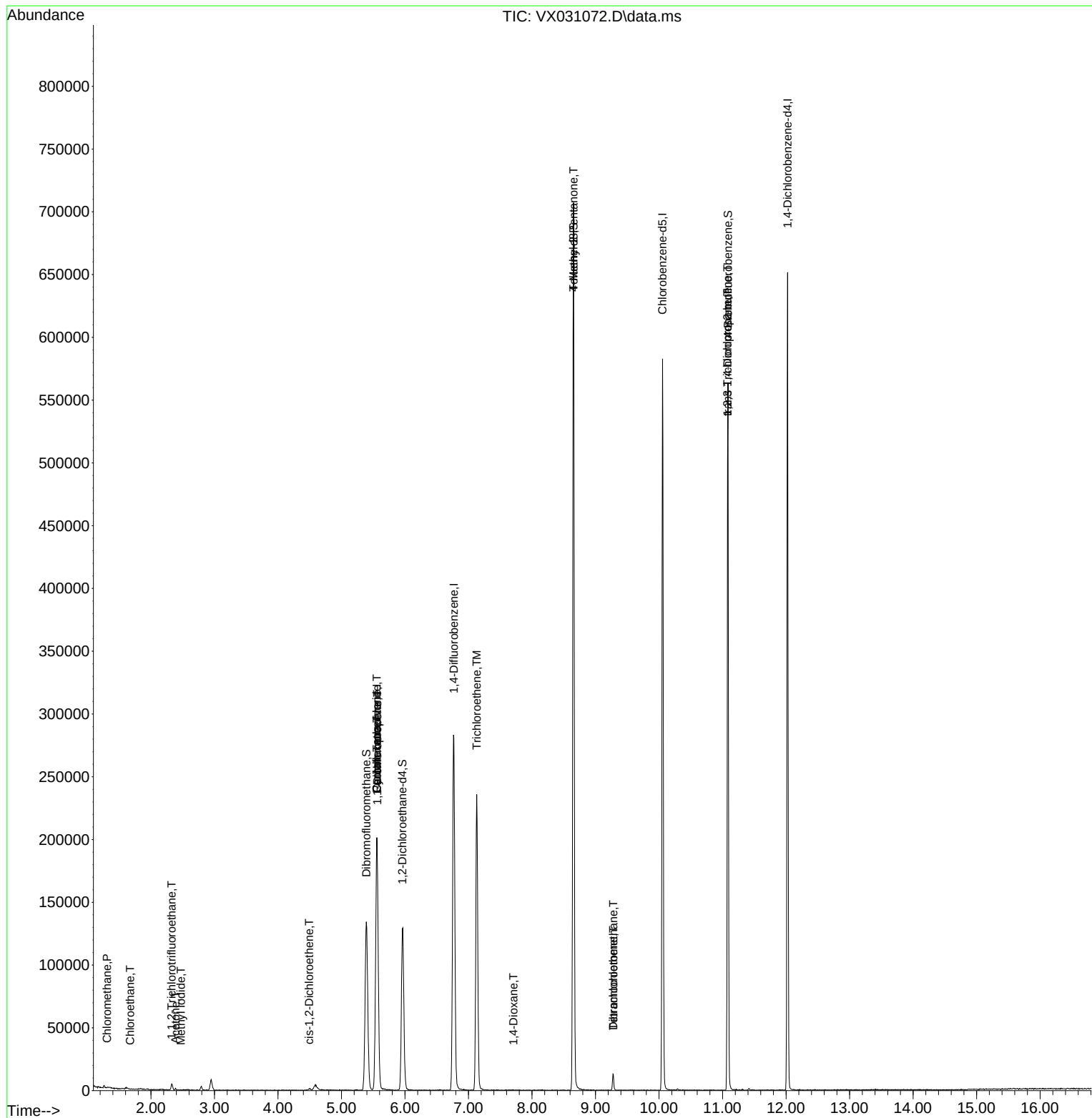
Internal Standards						
1) Pentafluorobenzene	5.556	168	204265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327989	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128248	48.796	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.600%
35) Dibromofluoromethane	5.391	113	123144	51.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.653	98	446781	50.718	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.085	95	156020	50.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	29	0.715	ug/l #	42
6) Chloroethane	1.672	64	90	1.794	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.325	101	1738	0.707	ug/l #	79
10) Methyl Iodide	2.471	142	108	2.951	ug/l #	73
11) Tert butyl alcohol	2.953	59	4457	Below Cal	#	74
16) Acetone	2.386	43	808	0.796	ug/l	90
20) Methylene Chloride	2.794	84	1488	Below Cal	#	72
27) cis-1,2-Dichloroethene	4.489	96	856	0.289	ug/l	67
31) Cyclohexane	5.556	56	3174	0.884	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13194	3.935	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19091	5.486	ug/l #	16
44) Trichloroethene	7.129	130	98576	32.355	ug/l	87
49) 1,4-Dioxane	7.708	88	153	2.189	ug/l #	34
51) 4-Methyl-2-Pentanone	8.653	43	1463	0.500	ug/l #	1
60) Dibromochloromethane	9.281	129	2259	0.820	ug/l #	11
64) Tetrachloroethene	9.281	164	2456	0.833	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	67304	19.923	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	67304	62.612	ug/l #	12

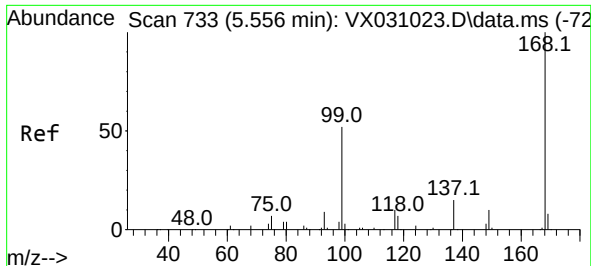
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

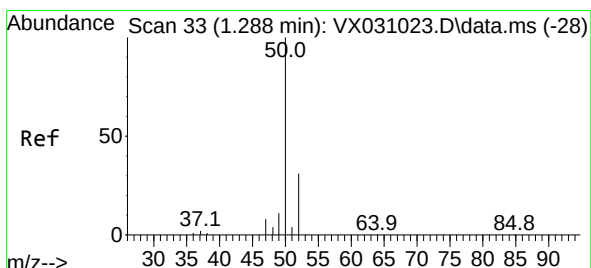
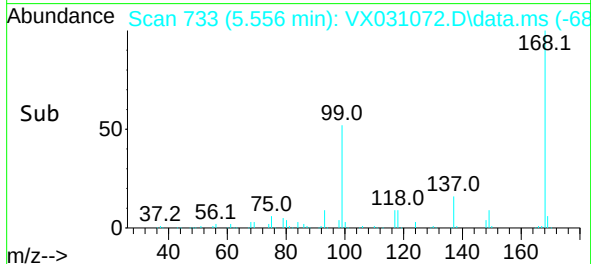
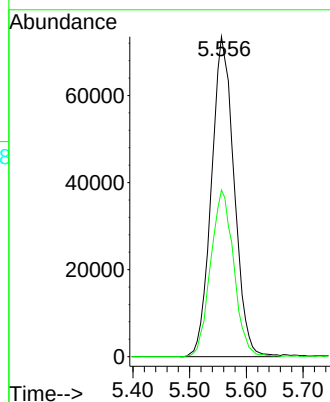
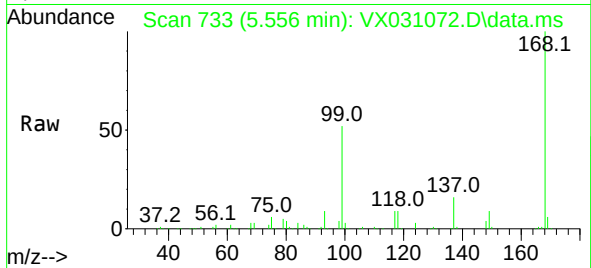




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

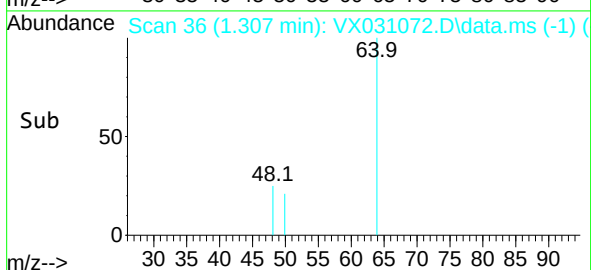
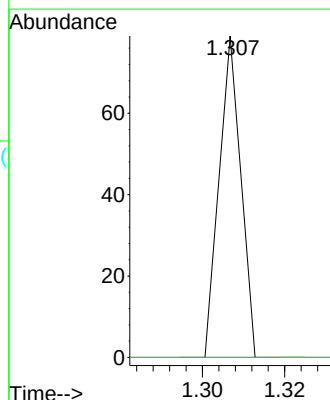
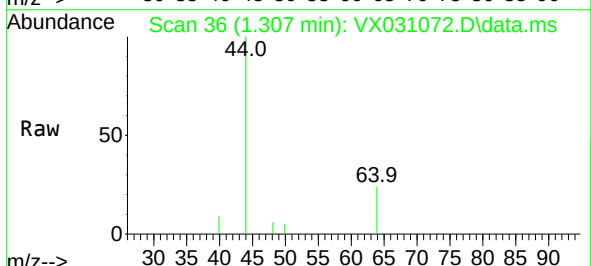
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

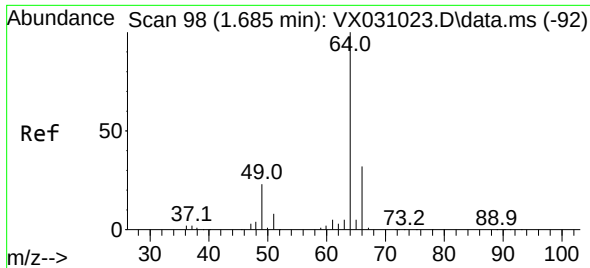
Tgt Ion:168 Resp: 204265
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#3
Chloromethane
Concen: 0.715 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.019 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion: 50 Resp: 29
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

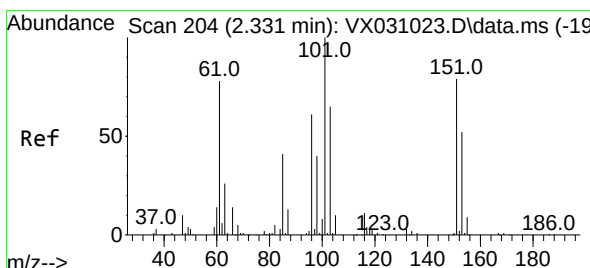
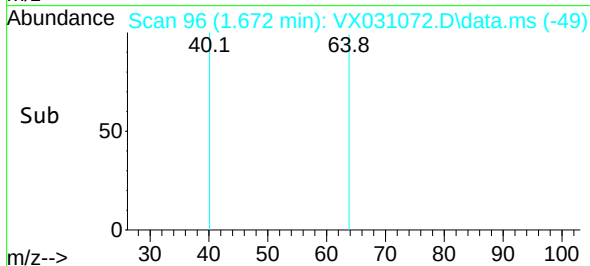
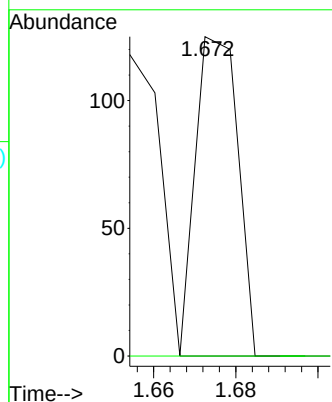
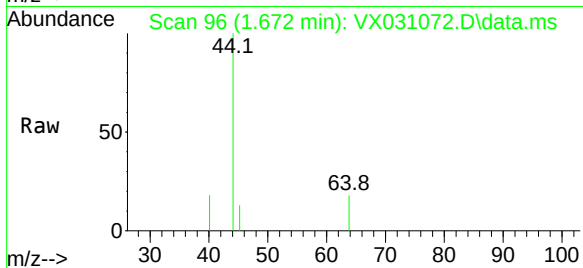




#6
Chloroethane
Concen: 1.794 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

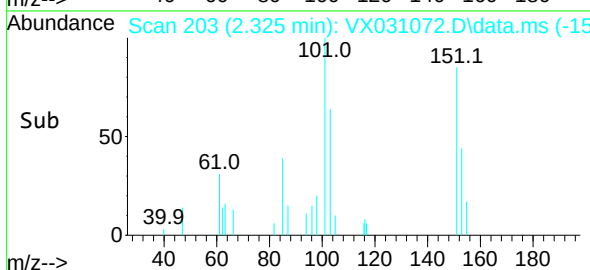
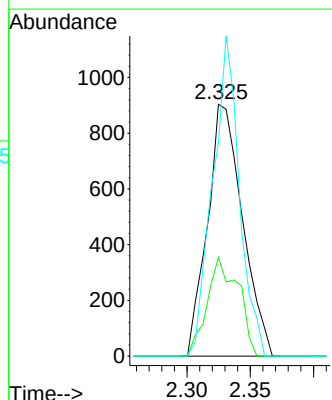
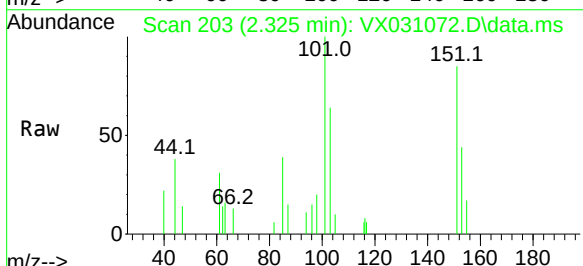
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

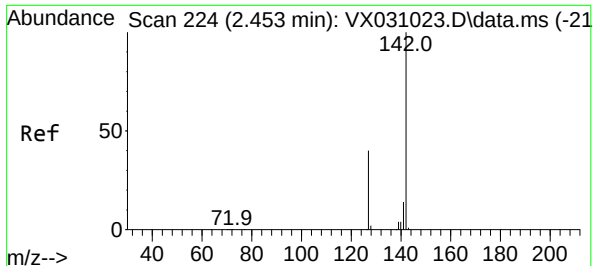
Tgt Ion: 64 Resp: 90
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.707 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion: 101 Resp: 1738
Ion Ratio Lower Upper
101 100
85 34.8 34.0 51.0
151 96.8 59.4 89.0#

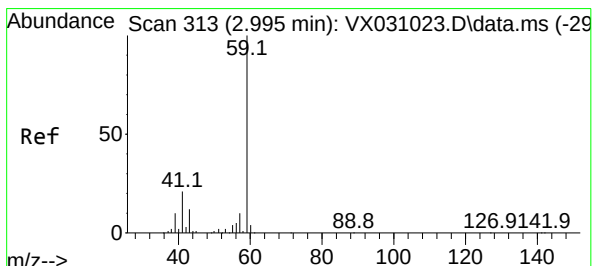
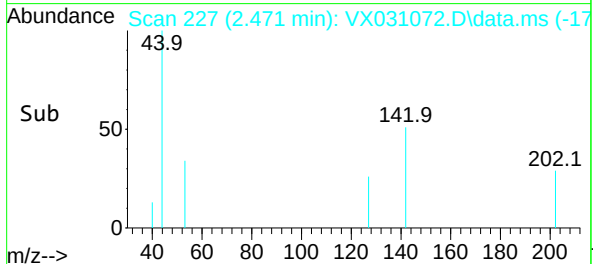
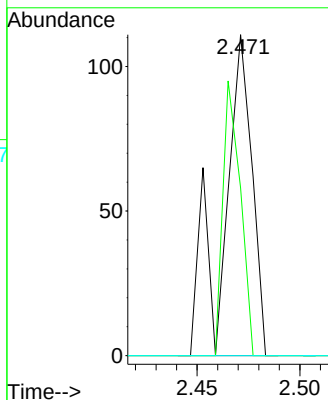
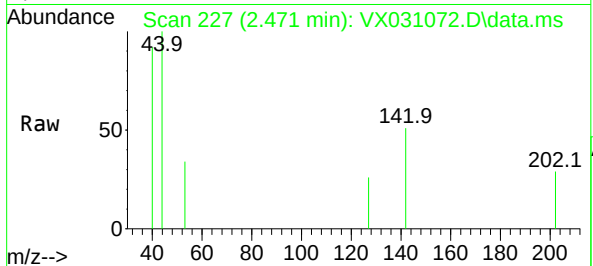




#10
Methyl Iodide
Concen: 2.951 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

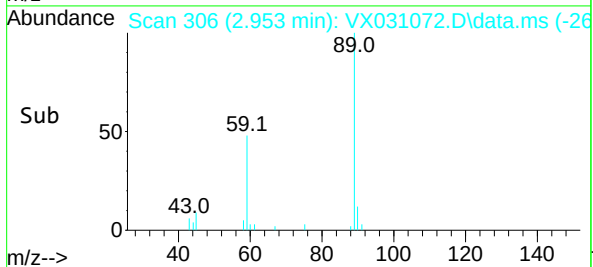
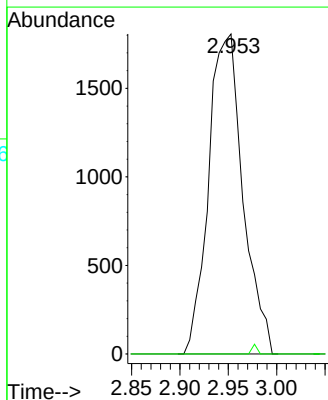
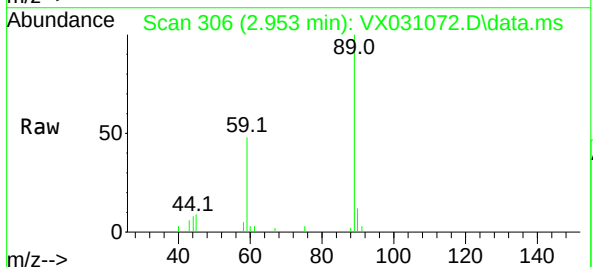
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

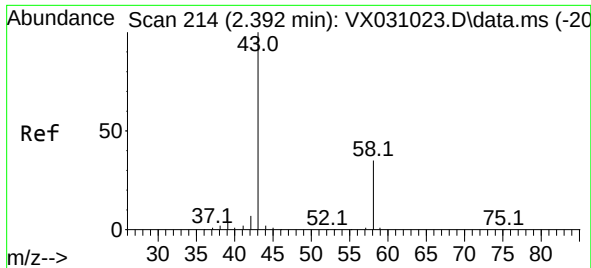
Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
127 51.9 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion: 59 Resp: 4457
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

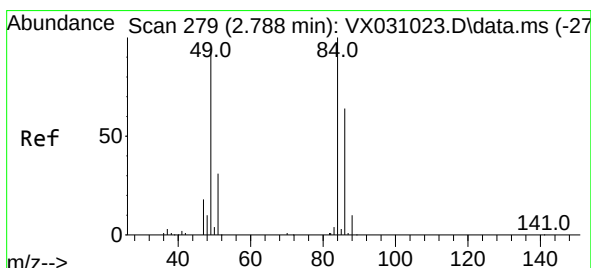
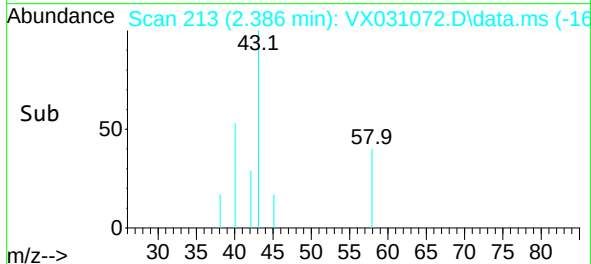
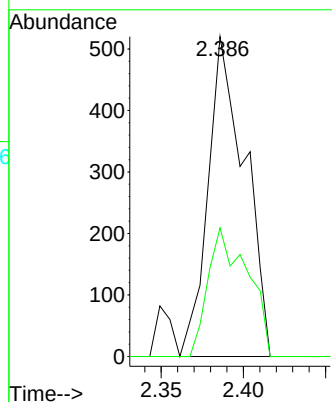
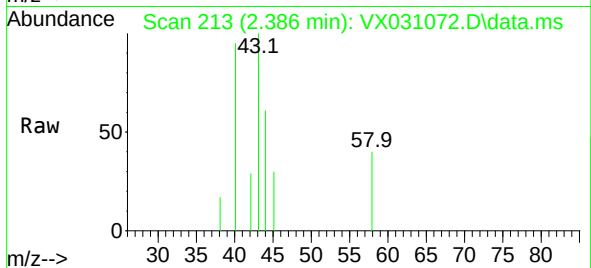




#16
Acetone
Concen: 0.796 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

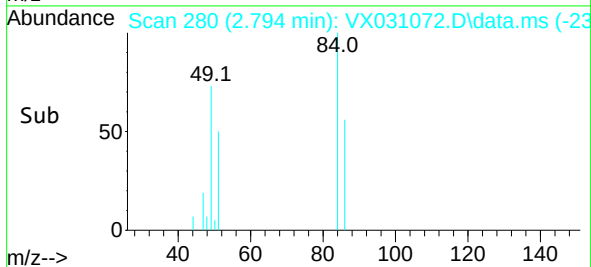
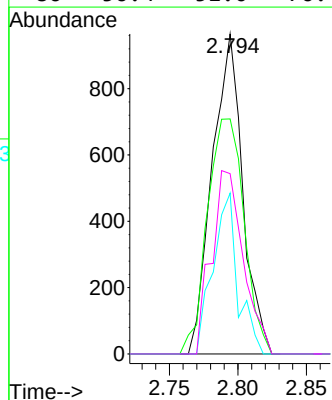
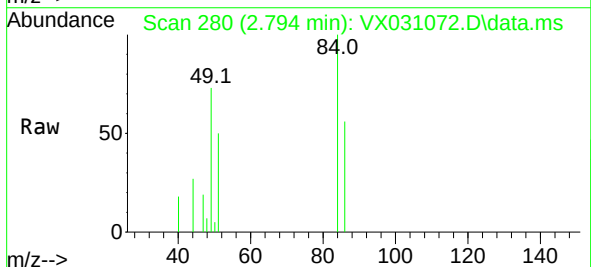
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

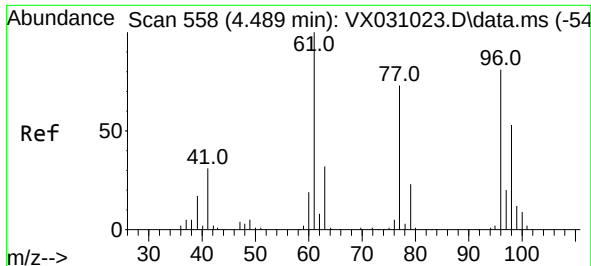
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 40.2 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion: 84 Resp: 1488
Ion Ratio Lower Upper
84 100
49 73.5 93.8 140.6#
51 50.3 29.4 44.0#
86 56.4 51.0 76.4





#27

cis-1,2-Dichloroethene

Concen: 0.289 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220818

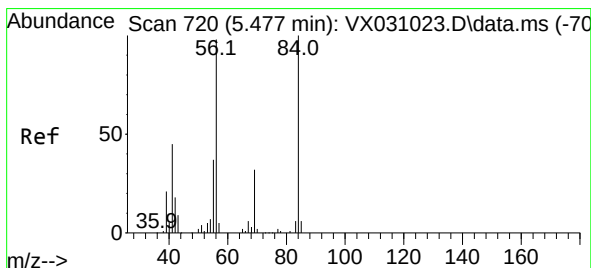
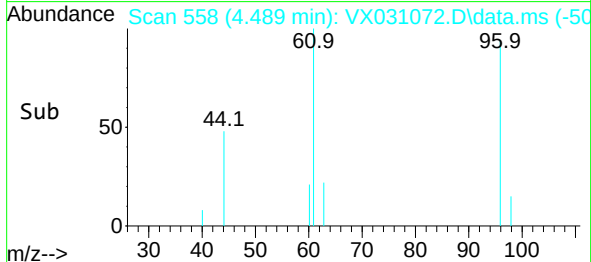
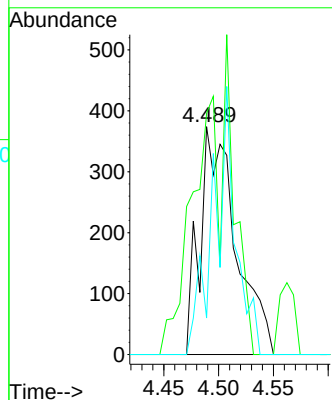
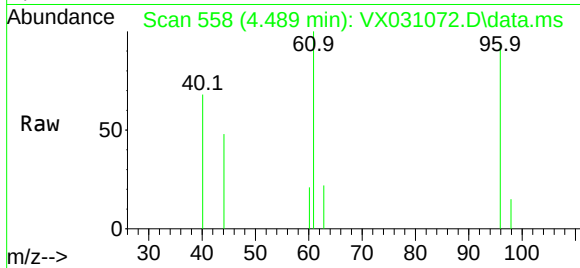
Tgt Ion: 96 Resp: 856

Ion Ratio Lower Upper

96 100

61 83.3 0.0 270.0

98 72.3 0.0 127.8



#31

Cyclohexane

Concen: 0.884 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

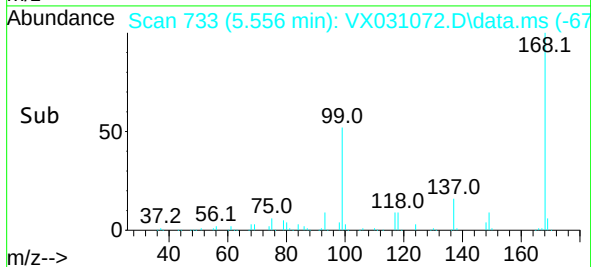
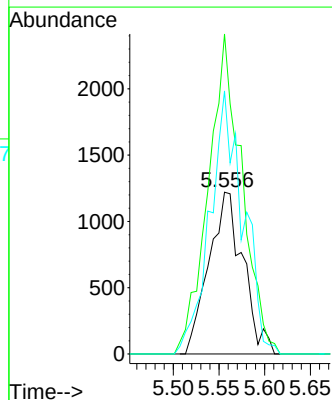
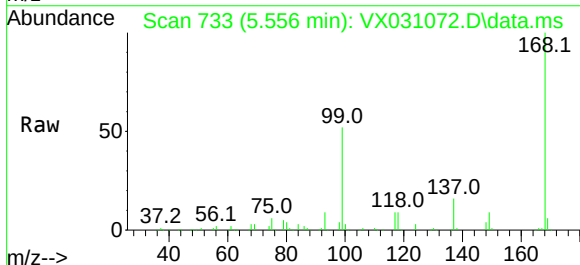
Tgt Ion: 56 Resp: 3174

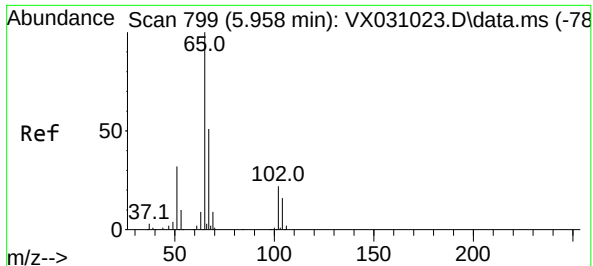
Ion Ratio Lower Upper

56 100

69 197.7 25.4 38.0#

84 162.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 48.796 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

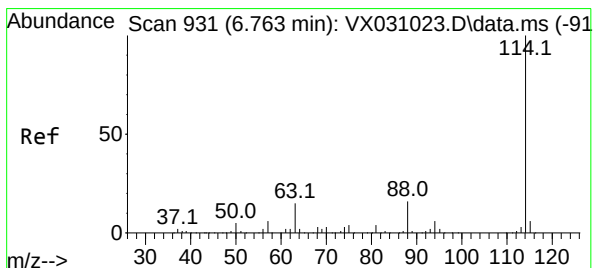
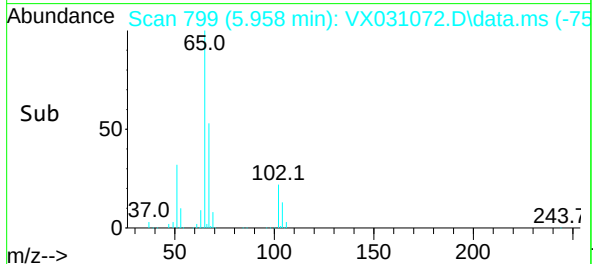
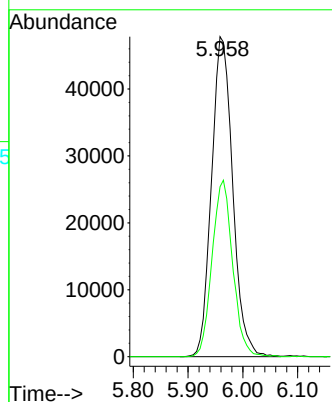
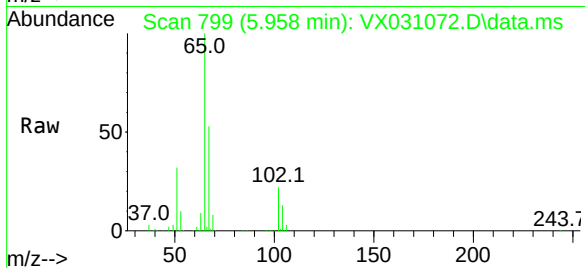
DUP06-20220818

Tgt Ion: 65 Resp: 128248

Ion Ratio Lower Upper

65 100

67 53.7 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: VX031072.D

Acq: 02 Sep 2022 17:12

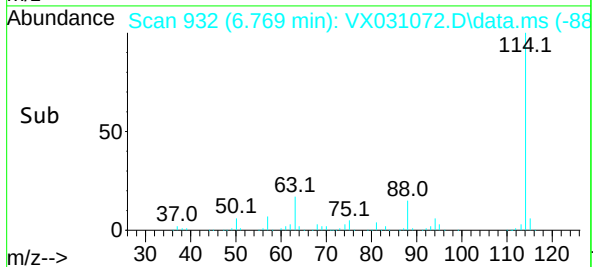
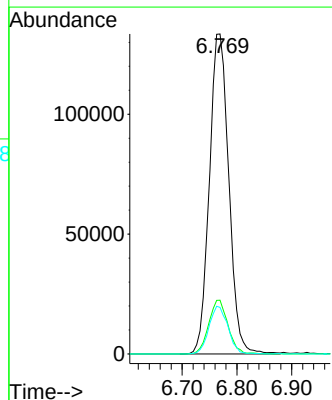
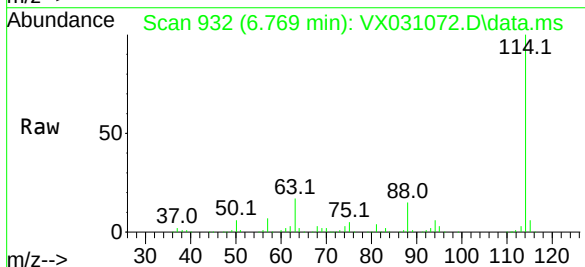
Tgt Ion: 114 Resp: 327989

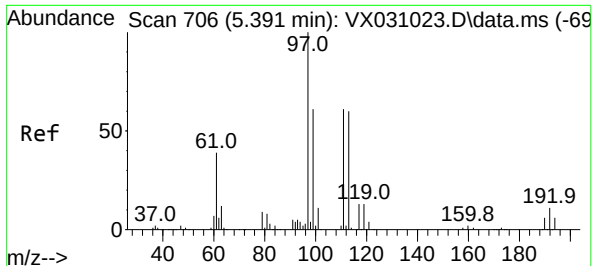
Ion Ratio Lower Upper

114 100

63 16.8 0.0 38.4

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031072.D

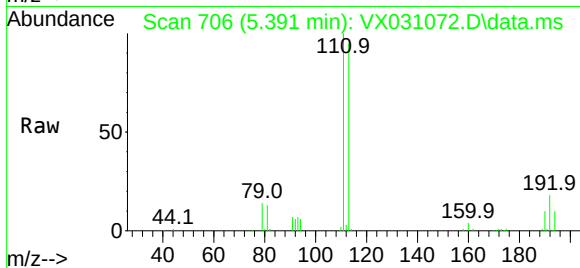
Acq: 02 Sep 2022 17:12

Instrument :

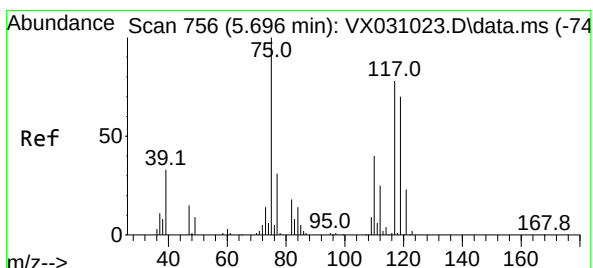
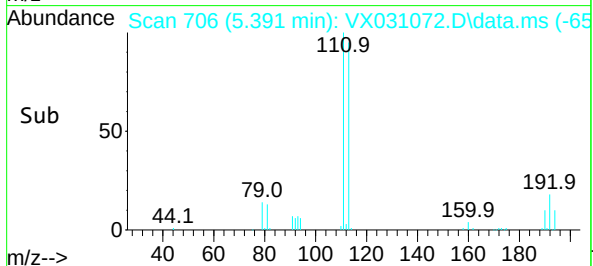
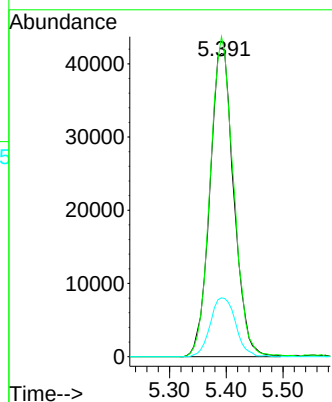
MSVOA_X

ClientSampleId :

DUP06-20220818



Tgt Ion:	113	Resp:	123144
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.2	124.8
192	20.2	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.935 ug/l

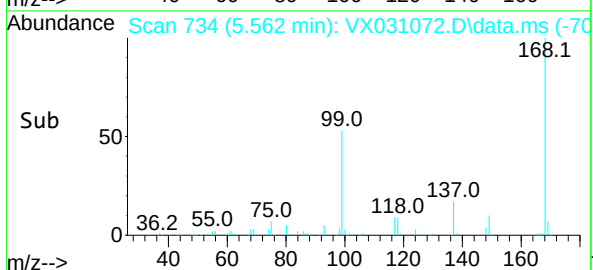
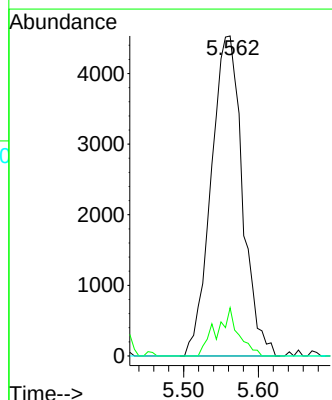
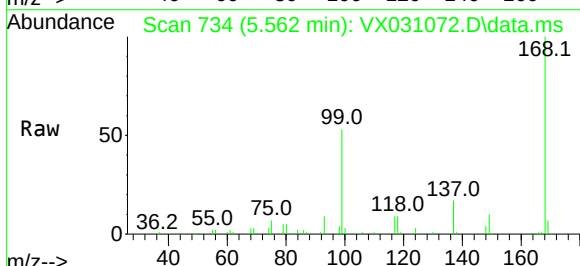
RT: 5.562 min Scan# 734

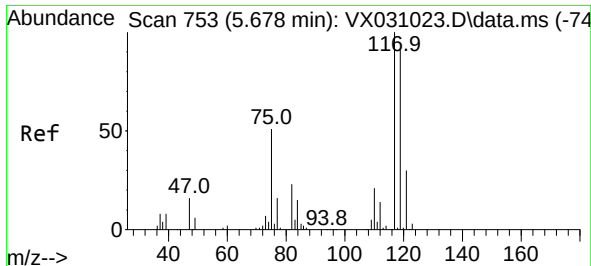
Delta R.T. -0.134 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Tgt Ion:	75	Resp:	13194
Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.3	57.9#
77	0.0	24.4	36.6#

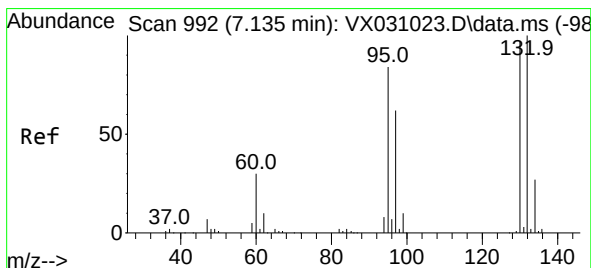
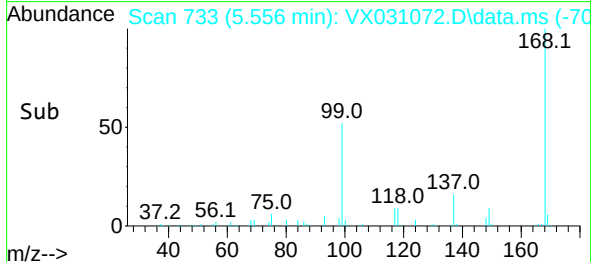
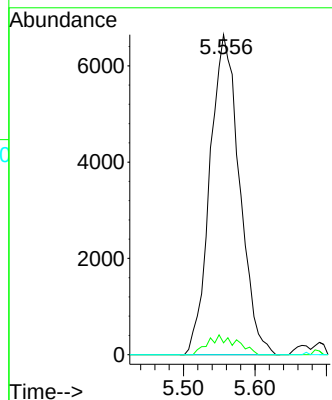
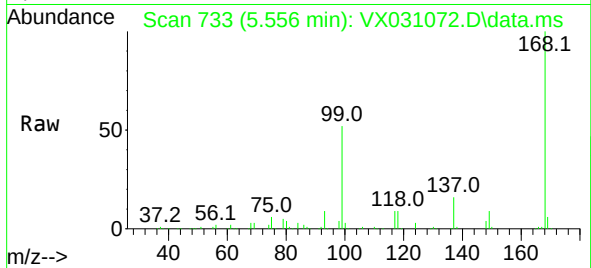




#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

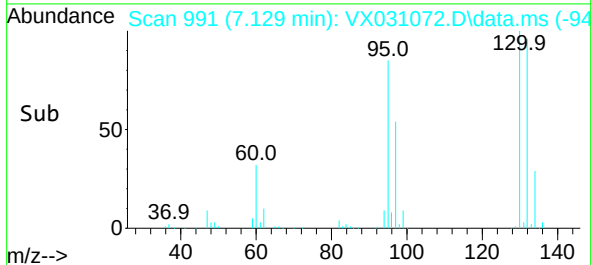
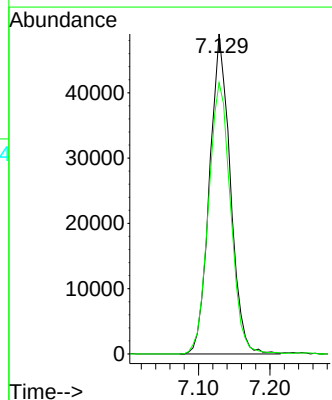
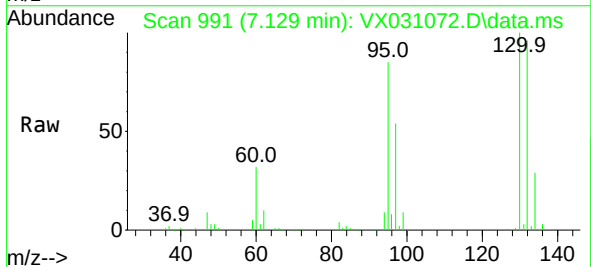
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

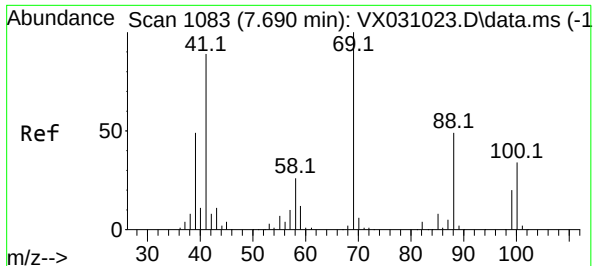
Tgt Ion:117 Resp: 19091
Ion Ratio Lower Upper
117 100
119 3.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 32.355 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion:130 Resp: 98576
Ion Ratio Lower Upper
130 100
95 84.8 0.0 194.8





#49

1,4-Dioxane

Concen: 2.189 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.031 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220818

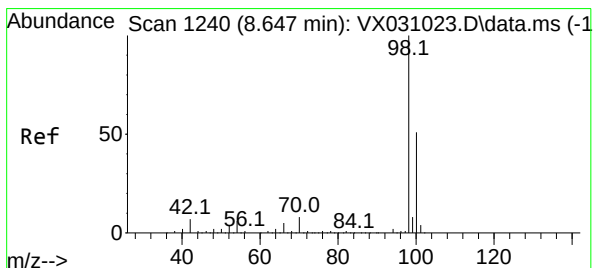
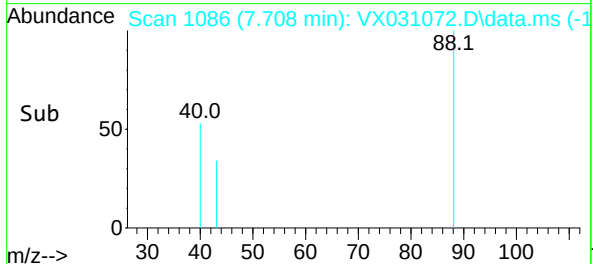
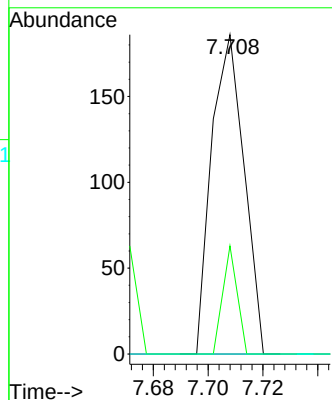
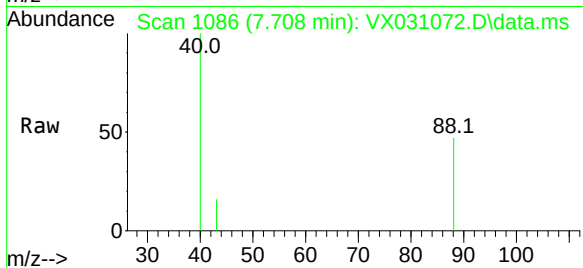
Tgt Ion: 88 Resp: 153

Ion Ratio Lower Upper

88 100

43 15.0 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 50.718 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031072.D

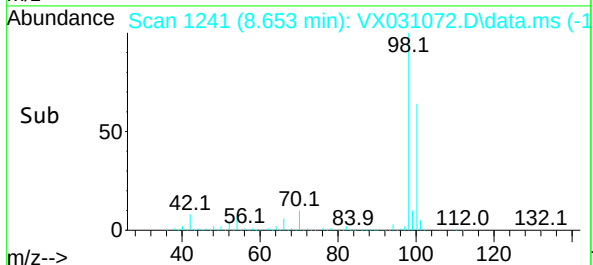
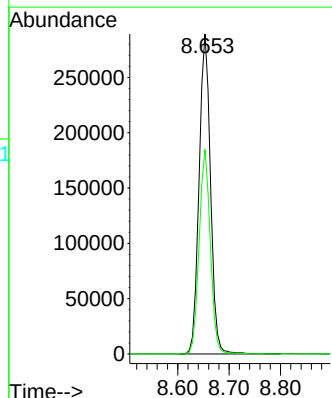
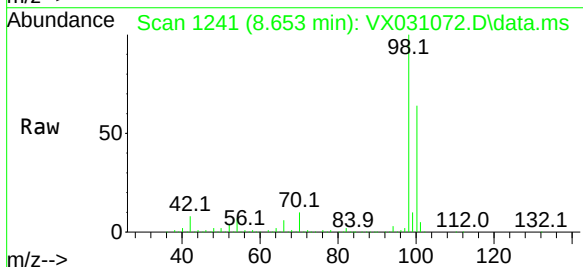
Acq: 02 Sep 2022 17:12

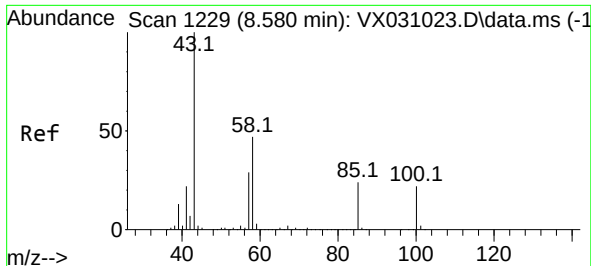
Tgt Ion: 98 Resp: 446781

Ion Ratio Lower Upper

98 100

100 62.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.500 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

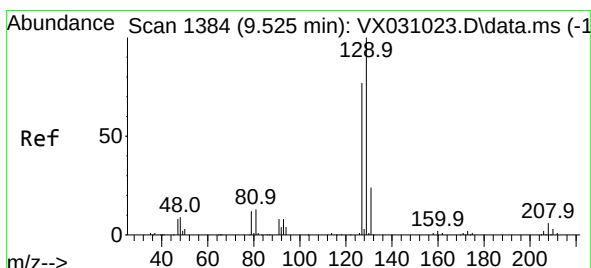
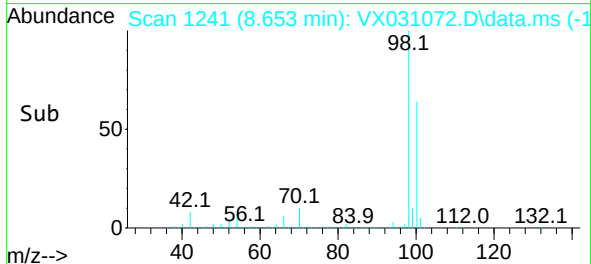
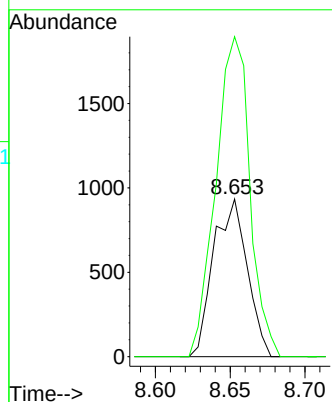
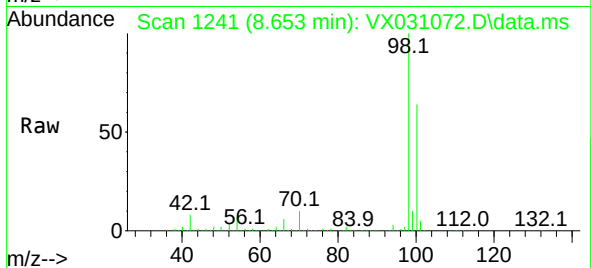
DUP06-20220818

Tgt Ion: 43 Resp: 1463

Ion Ratio Lower Upper

43 100

58 205.4 31.4 47.2#



#60

Dibromochloromethane

Concen: 0.820 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX031072.D

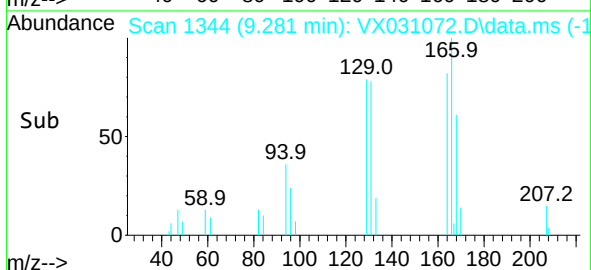
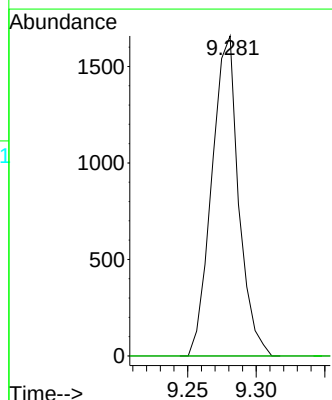
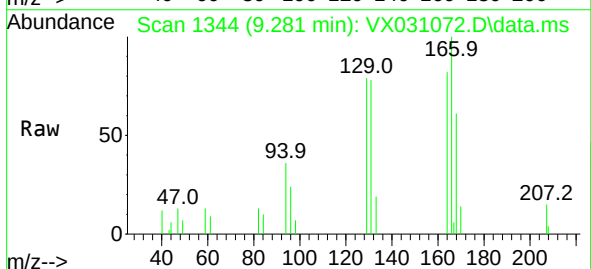
Acq: 02 Sep 2022 17:12

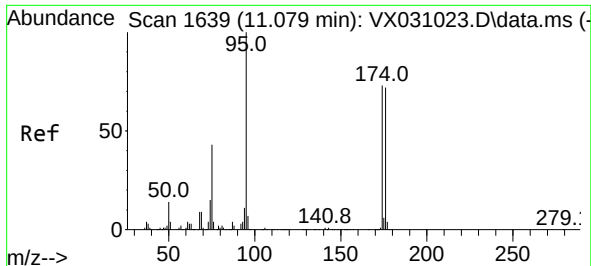
Tgt Ion: 129 Resp: 2259

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

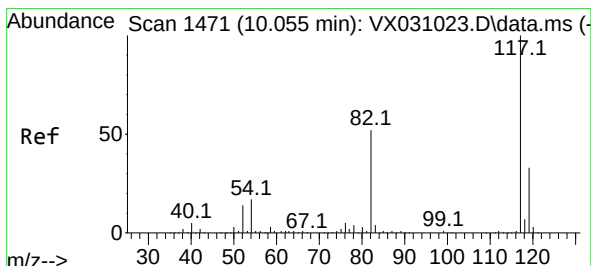
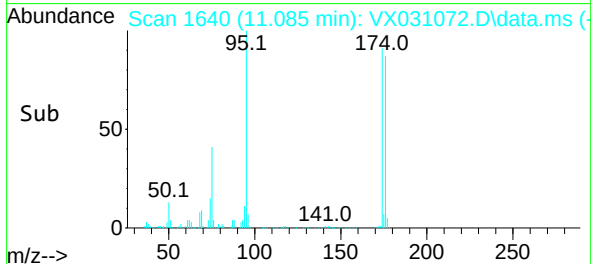
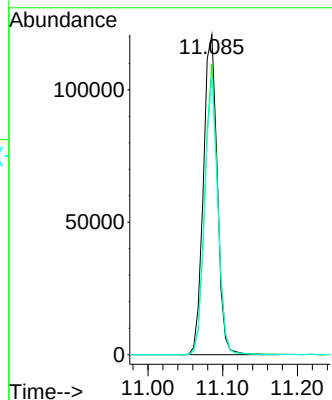
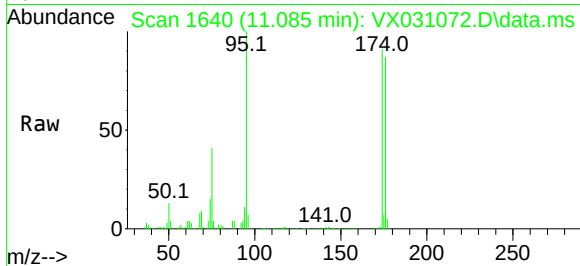




#62
4-Bromofluorobenzene
Concen: 50.145 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

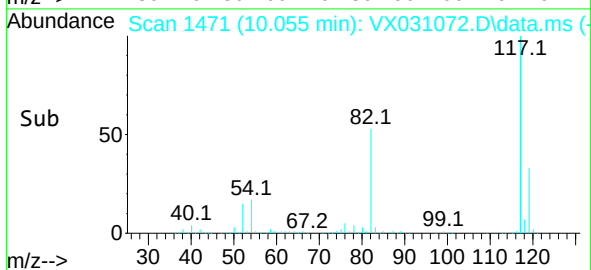
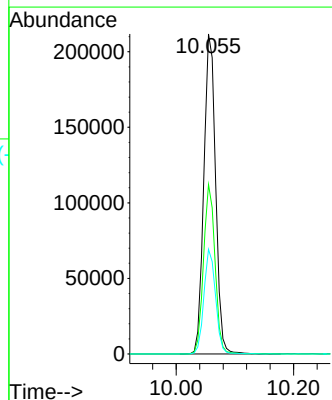
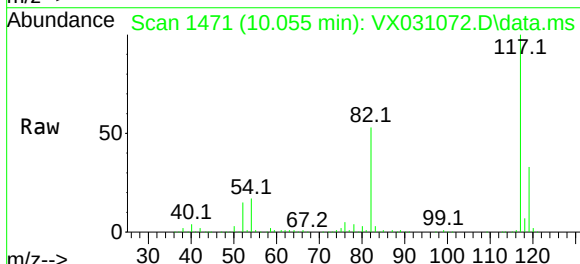
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

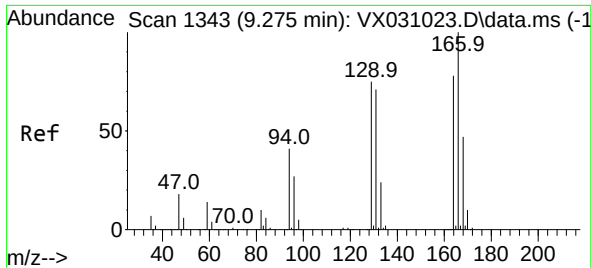
Tgt Ion: 95 Resp: 156020
Ion Ratio Lower Upper
95 100
174 84.7 0.0 149.0
176 81.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion: 117 Resp: 295157
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 32.7 25.4 38.2

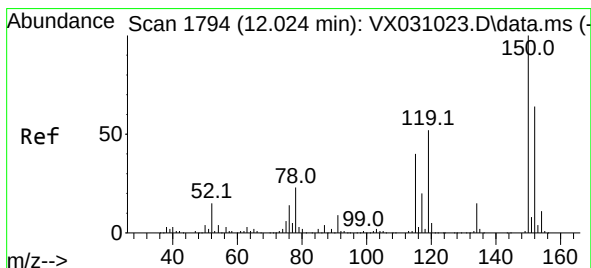
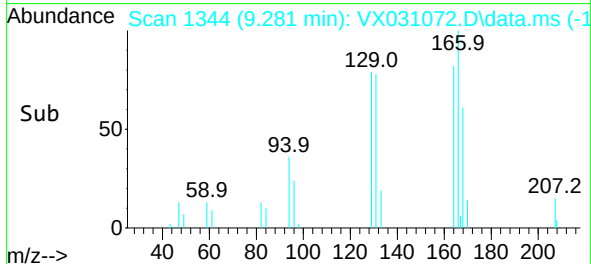
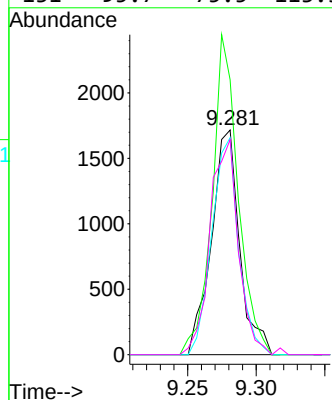
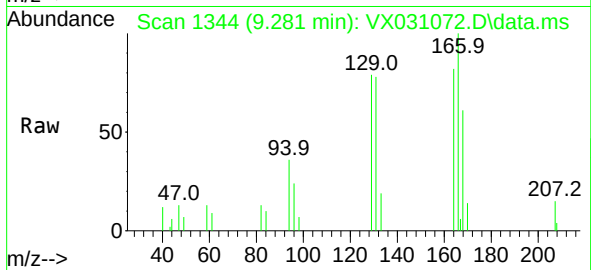




#64
Tetrachloroethene
Concen: 0.833 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

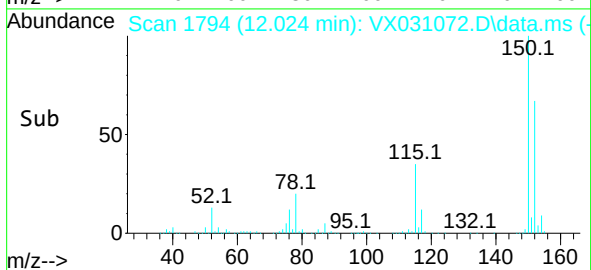
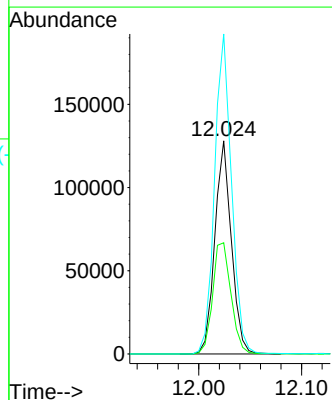
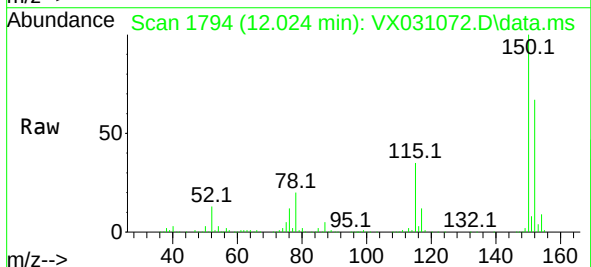
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

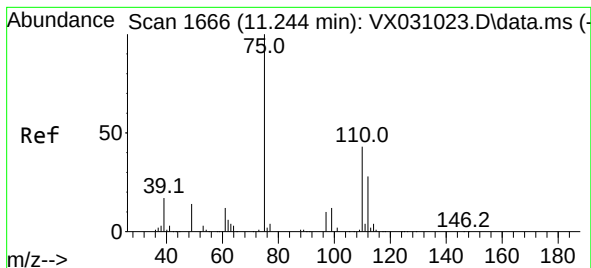
Tgt Ion:164	Resp:	2456	
Ion	Ratio	Lower	Upper
164	100		
166	122.3	98.2	147.4
129	96.6	80.8	121.2
131	95.7	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031072.D
Acq: 02 Sep 2022 17:12

Tgt Ion:152	Resp:	142909	
Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.5	121.5
150	153.6	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 19.923 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Instrument :

MSVOA_X

ClientSampleId :

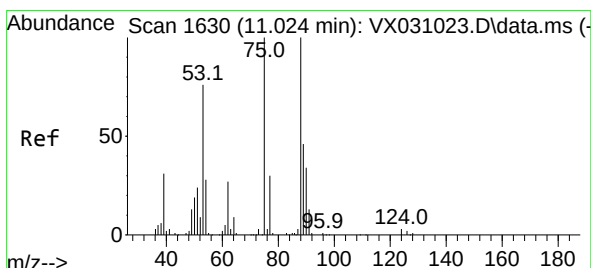
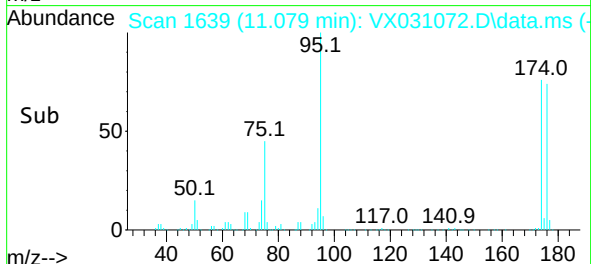
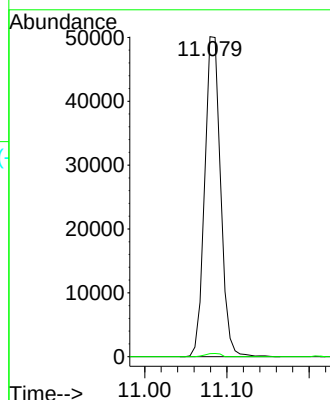
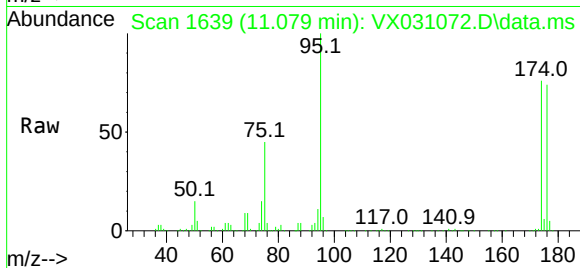
DUP06-20220818

Tgt Ion: 75 Resp: 67304

Ion Ratio Lower Upper

75 100

77 1.0 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.612 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.055 min

Lab File: VX031072.D

Acq: 02 Sep 2022 17:12

Tgt Ion: 75 Resp: 67304

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

