

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031166.D
 Acq On : 07 Sep 2022 18:02
 Operator : JC/MD
 Sample : N4357-16DL 2X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20220823DL

Quant Time: Sep 07 23:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

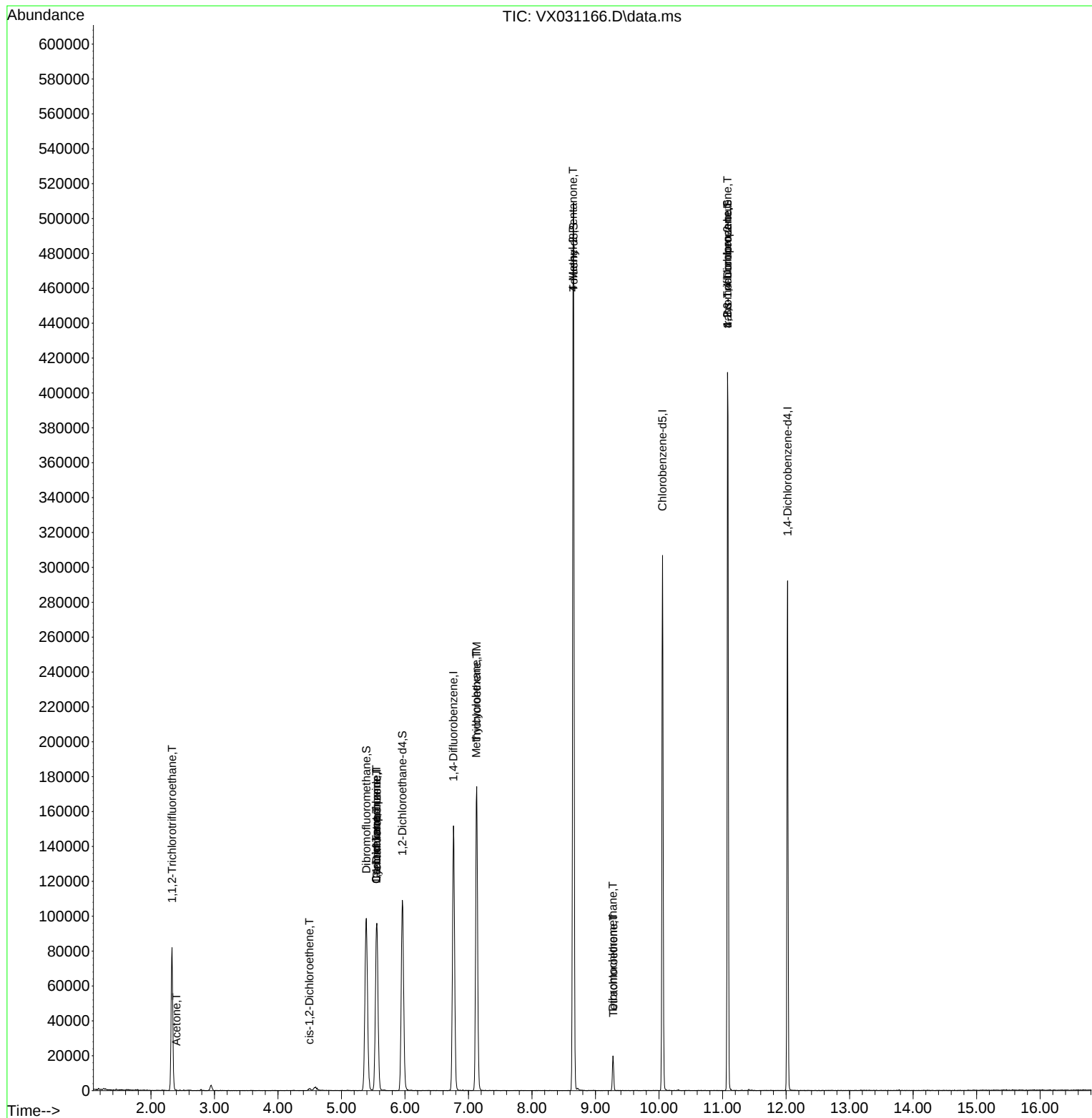
Internal Standards						
1) Pentafluorobenzene	5.556	168	84920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	152663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113672	56.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.080%
35) Dibromofluoromethane	5.391	113	86877	52.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.440%
50) Toluene-d8	8.653	98	310272	51.333	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.660%
62) 4-Bromofluorobenzene	11.079	95	116284	52.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.000%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	33177	21.749	ug/l	96
11) Tert butyl alcohol	2.941	59	1802	Below Cal	#	74
16) Acetone	2.398	43	264	0.379	ug/l #	40
27) cis-1,2-Dichloroethene	4.495	96	796	0.436	ug/l	88
31) Cyclohexane	5.550	56	1933	0.860	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7381	2.963	ug/l #	44
38) Carbon Tetrachloride	5.550	117	9738	3.715	ug/l #	20
39) Methylcyclohexane	7.123	83	763	0.268	ug/l #	1
44) Trichloroethene	7.129	130	65864	34.621	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1288	0.604	ug/l #	1
60) Dibromochloromethane	9.275	129	3615	1.911	ug/l #	11
64) Tetrachloroethene	9.281	164	3503	2.445	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	62537	41.190	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62537	132.833	ug/l #	12

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

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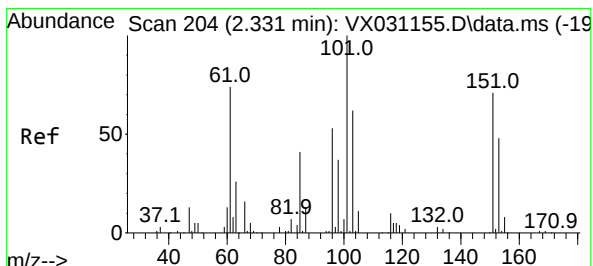
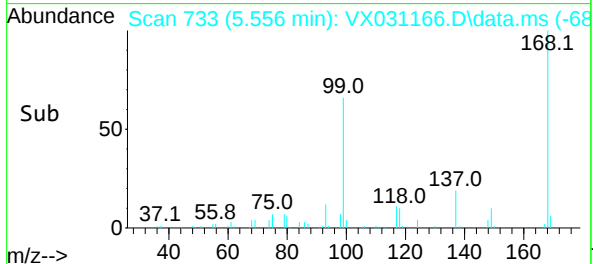
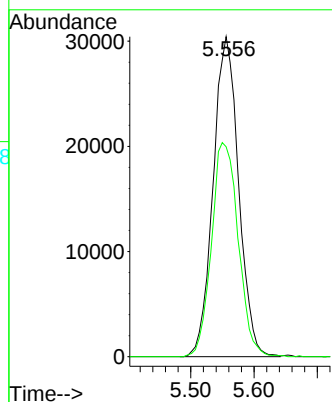
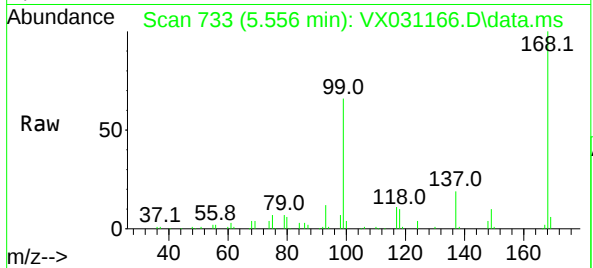




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

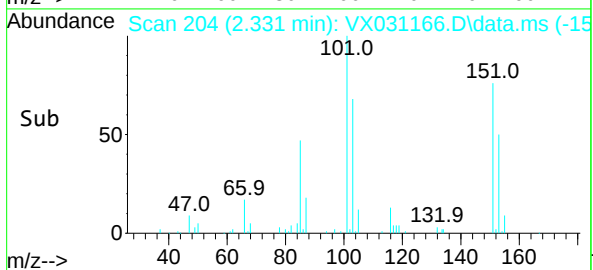
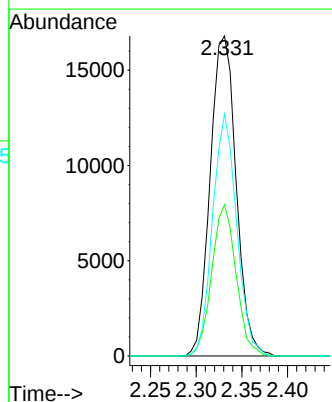
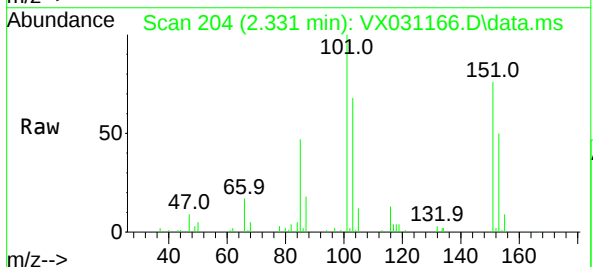
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

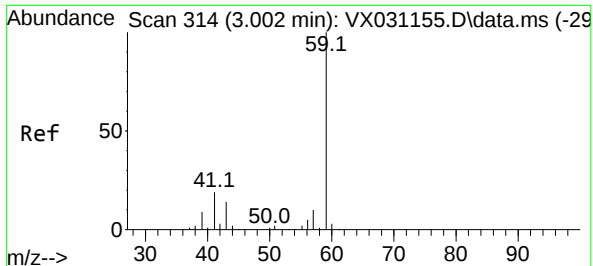
Tgt Ion:168 Resp: 84920
Ion Ratio Lower Upper
168 100
99 65.6 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.749 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion:101 Resp: 33177
Ion Ratio Lower Upper
101 100
85 44.4 34.0 51.0
151 70.3 59.4 89.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX031166.D

Acq: 07 Sep 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

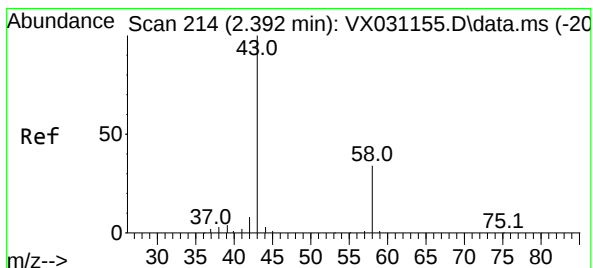
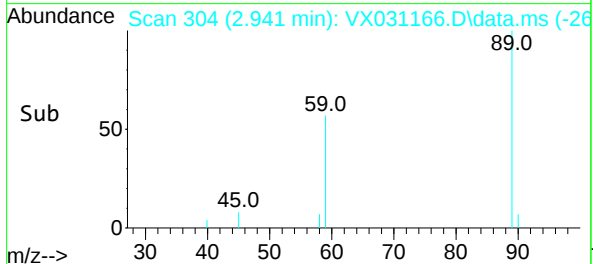
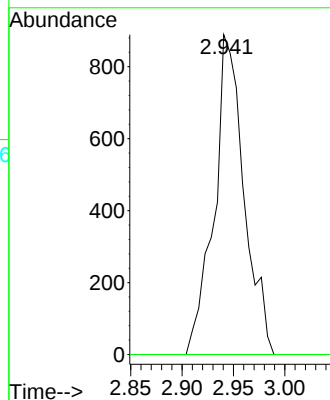
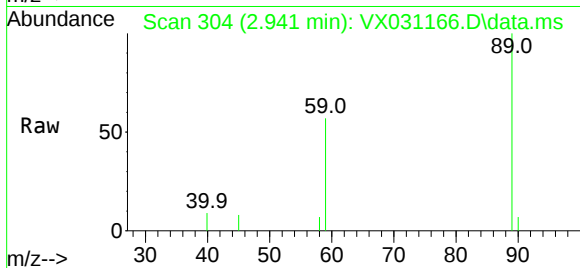
DUP05-20220823DL

Tgt Ion: 59 Resp: 1802

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 0.379 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX031166.D

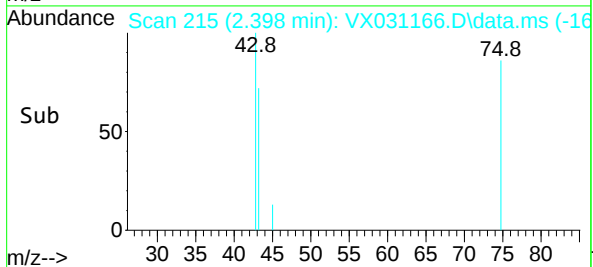
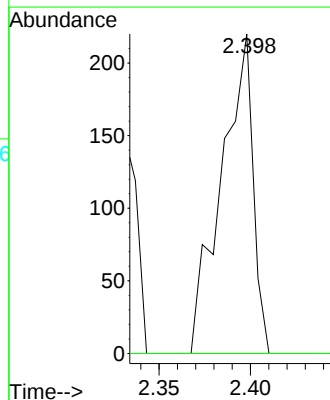
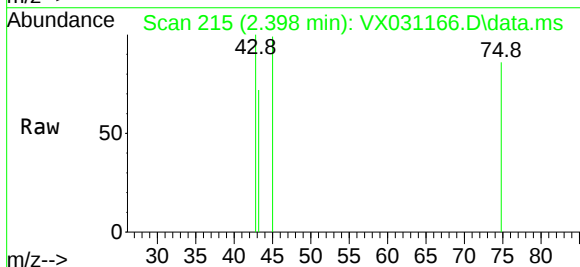
Acq: 07 Sep 2022 18:02

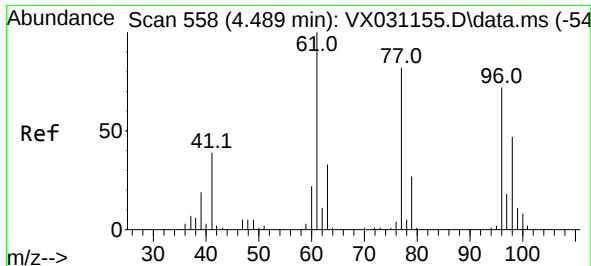
Tgt Ion: 43 Resp: 264

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#





#27

cis-1,2-Dichloroethene

Concen: 0.436 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031166.D

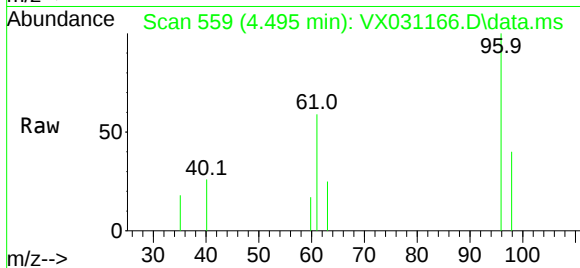
Acq: 07 Sep 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20220823DL



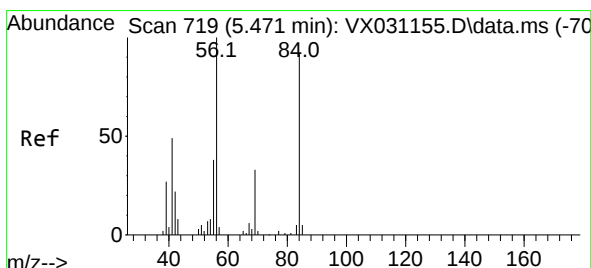
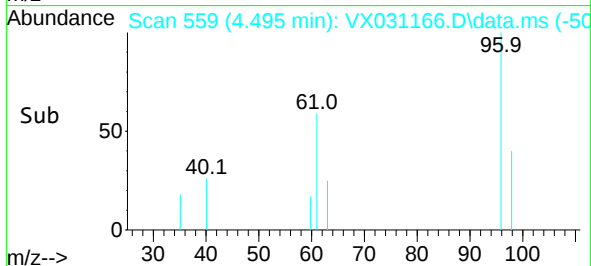
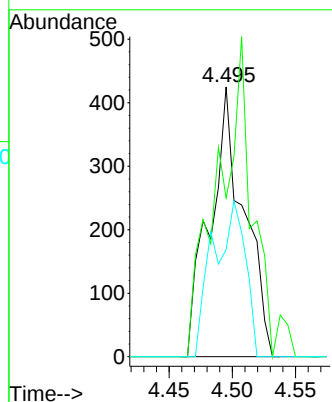
Tgt Ion: 96 Resp: 796

Ion Ratio Lower Upper

96 100

61 121.5 0.0 270.0

98 54.4 0.0 127.8



#31

Cyclohexane

Concen: 0.860 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031166.D

Acq: 07 Sep 2022 18:02

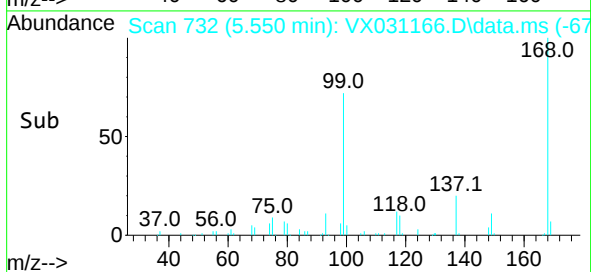
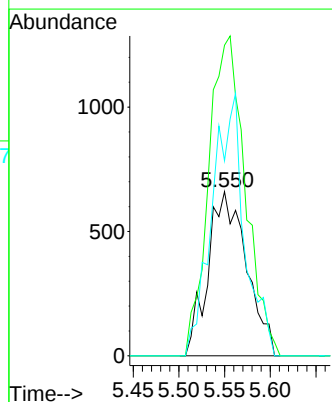
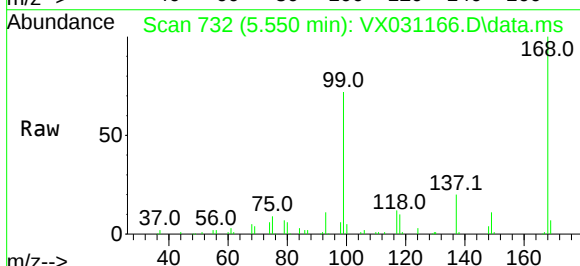
Tgt Ion: 56 Resp: 1933

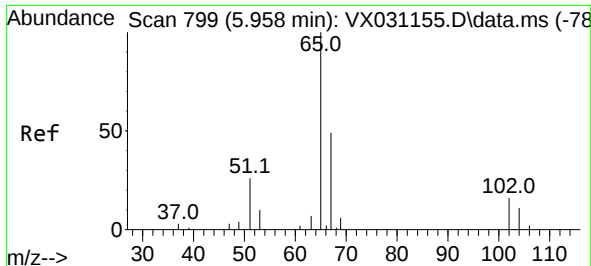
Ion Ratio Lower Upper

56 100

69 189.2 25.4 38.0#

84 118.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 56.538 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031166.D

Acq: 07 Sep 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

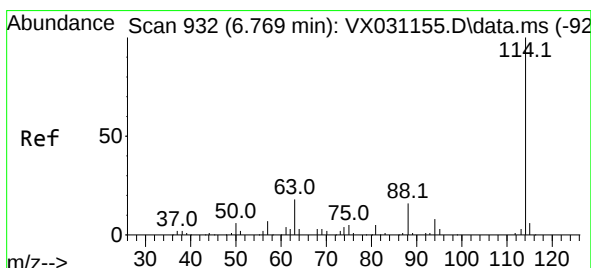
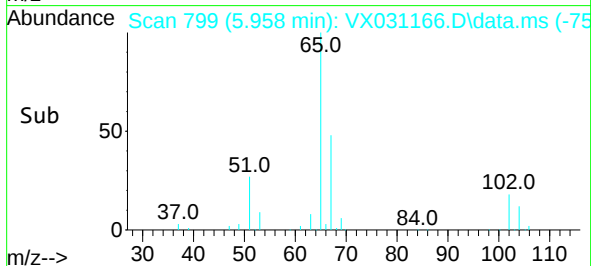
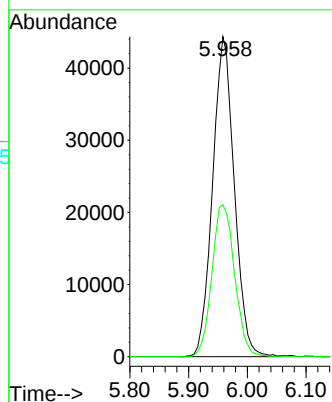
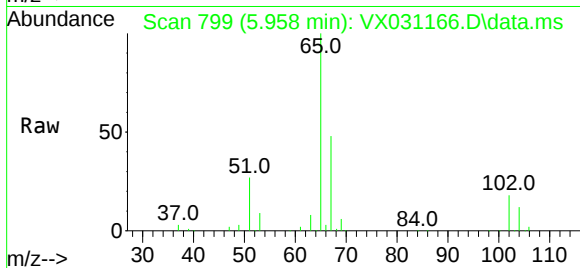
DUP05-20220823DL

Tgt Ion: 65 Resp: 113672

Ion Ratio Lower Upper

65 100

67 49.7 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: VX031166.D

Acq: 07 Sep 2022 18:02

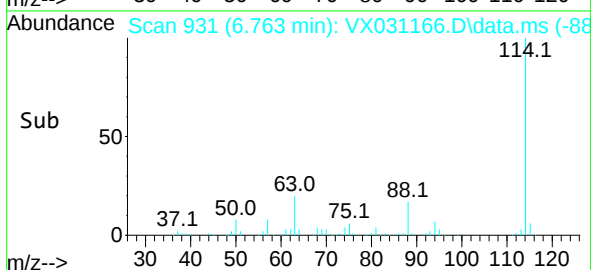
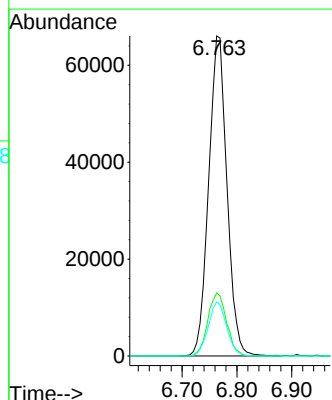
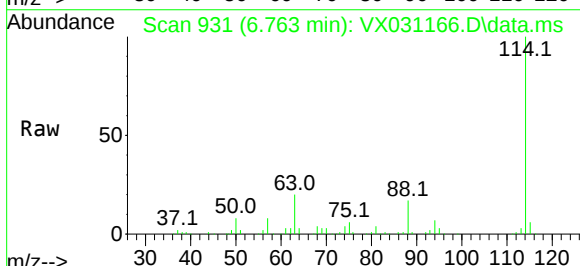
Tgt Ion: 114 Resp: 152663

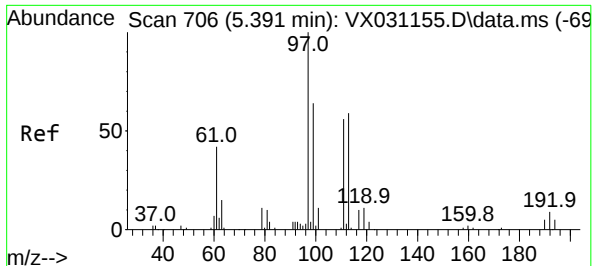
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.4

88 16.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.222 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031166.D

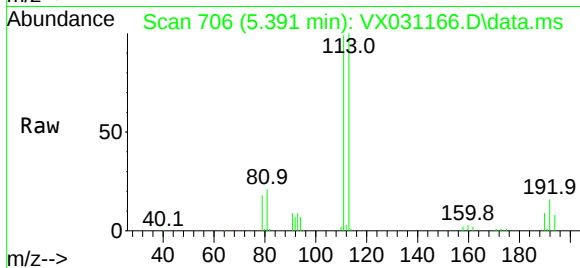
Acq: 07 Sep 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

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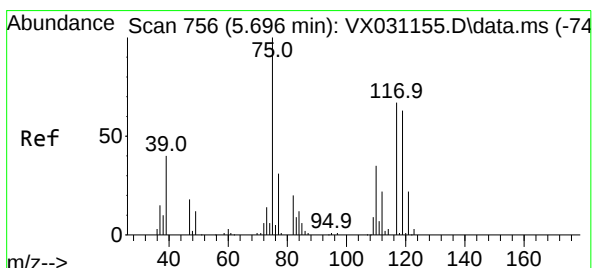
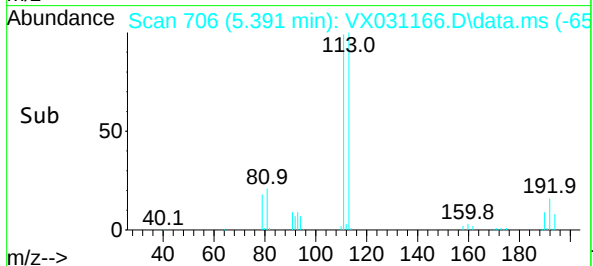
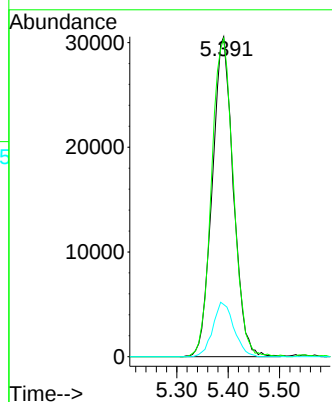
Tgt Ion:113 Resp: 86877

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 17.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.963 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031166.D

Acq: 07 Sep 2022 18:02

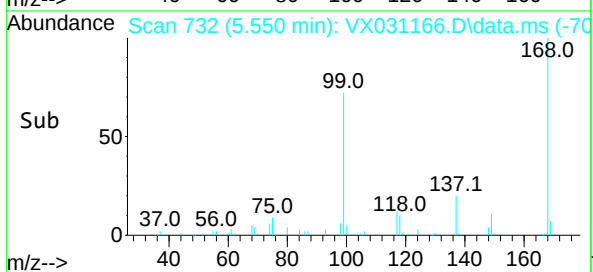
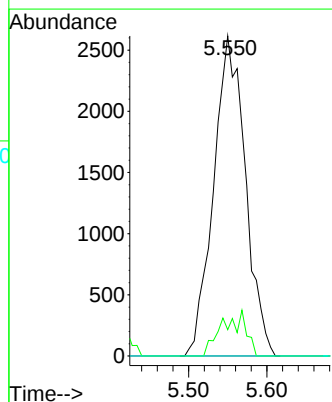
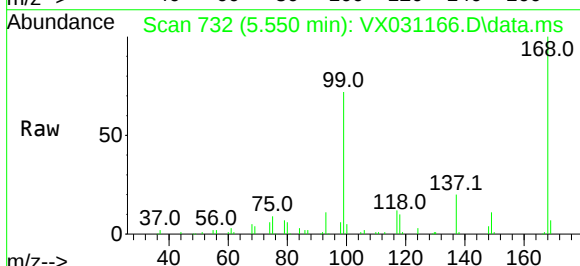
Tgt Ion: 75 Resp: 7381

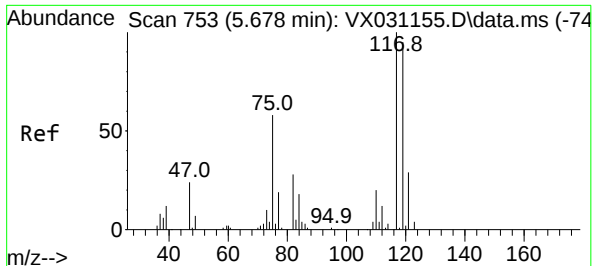
Ion Ratio Lower Upper

75 100

110 4.9 19.3 57.9#

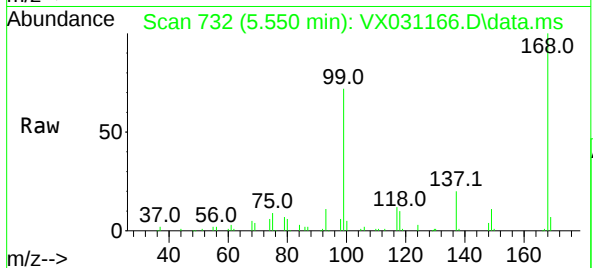
77 0.0 24.4 36.6#



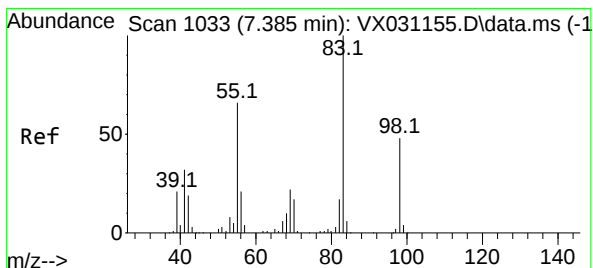
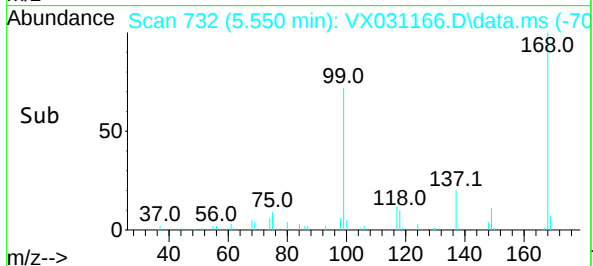
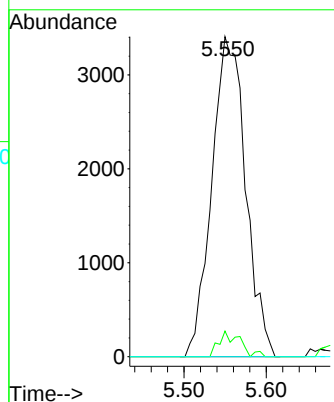


#38
Carbon Tetrachloride
Concen: 3.715 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

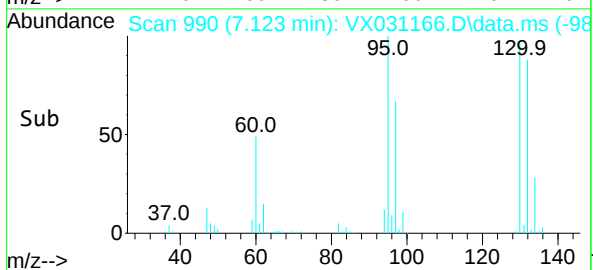
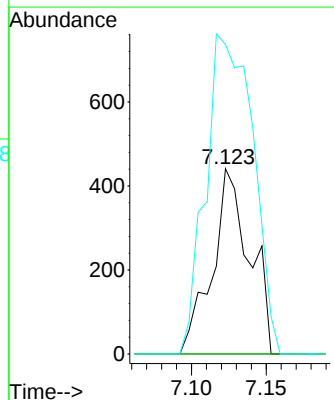
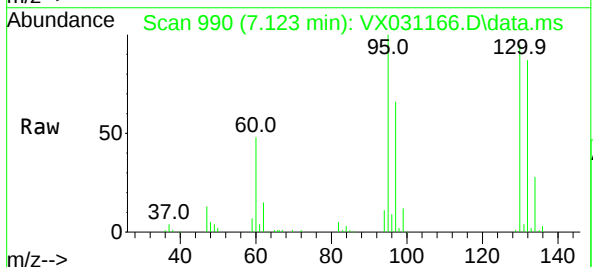


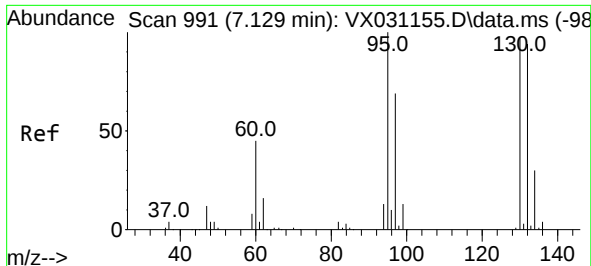
Tgt Ion:117 Resp: 9738
Ion Ratio Lower Upper
117 100
119 8.0 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.268 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion: 83 Resp: 763
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 167.1 36.5 54.7#

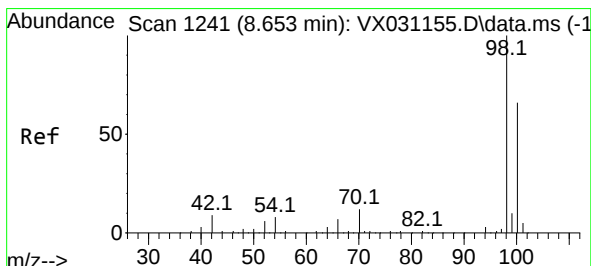
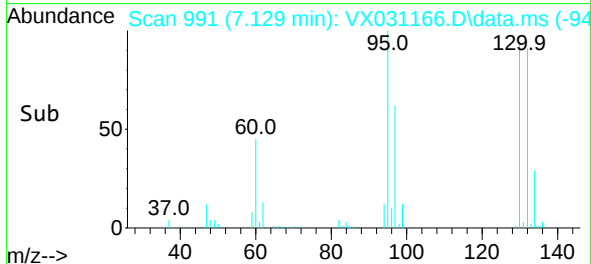
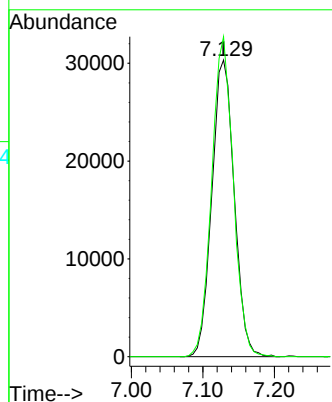
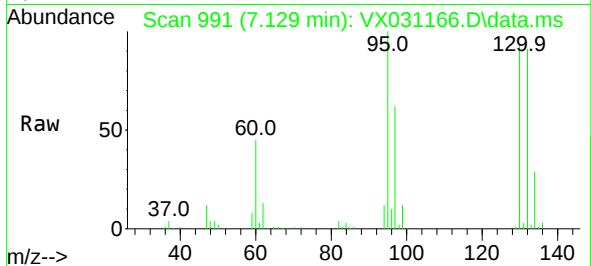




#44
Trichloroethene
Concen: 34.621 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

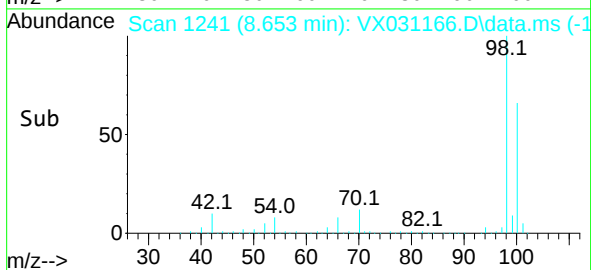
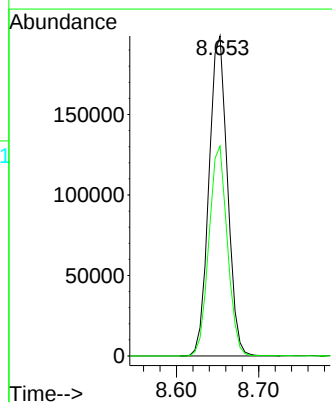
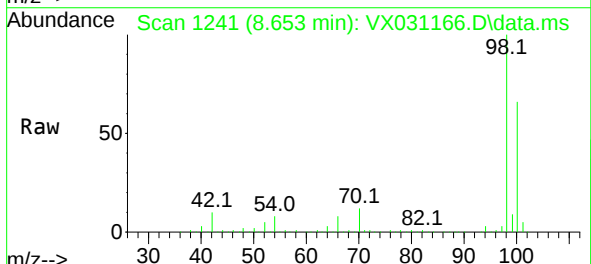
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

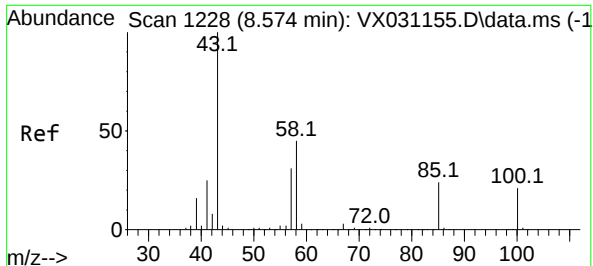
Tgt Ion:130 Resp: 65864
Ion Ratio Lower Upper
130 100
95 107.9 0.0 194.8



#50
Toluene-d8
Concen: 51.333 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion: 98 Resp: 310272
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

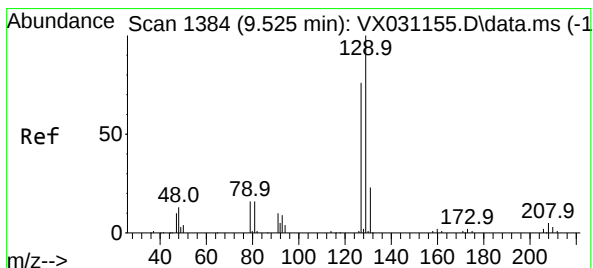
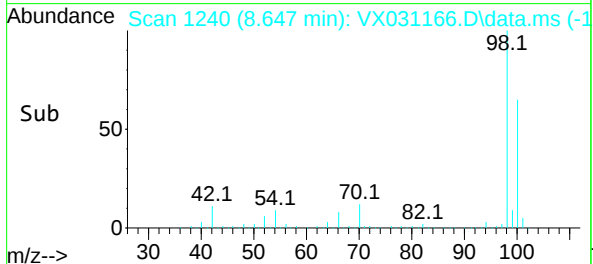
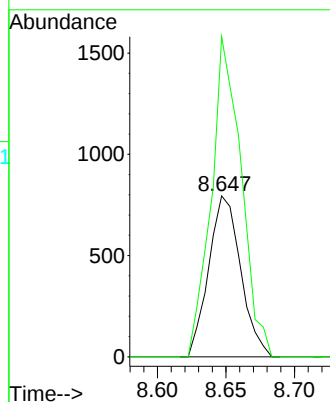
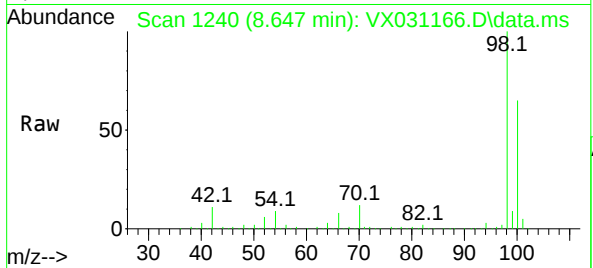




#51
4-Methyl-2-Pentanone
Concen: 0.604 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

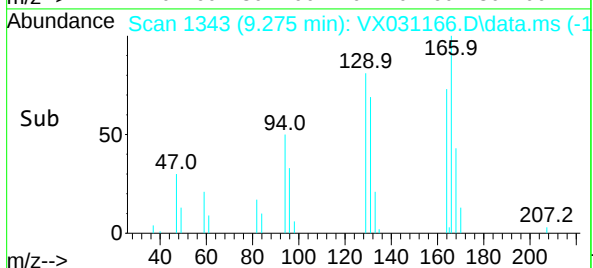
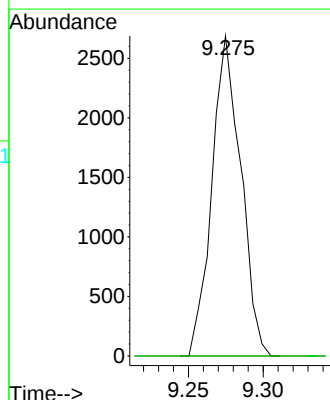
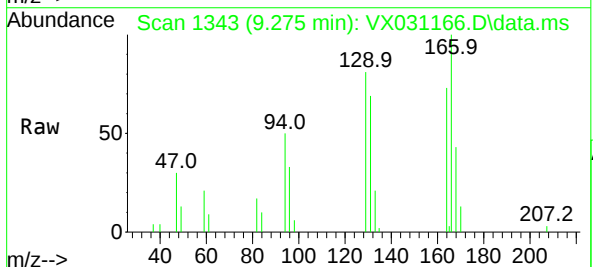
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

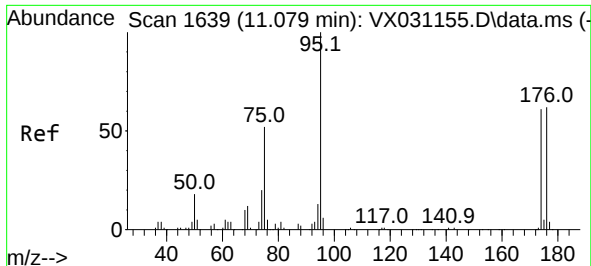
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 187.0 31.4 47.2#



#60
Dibromochloromethane
Concen: 1.911 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion: 129 Resp: 3615
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

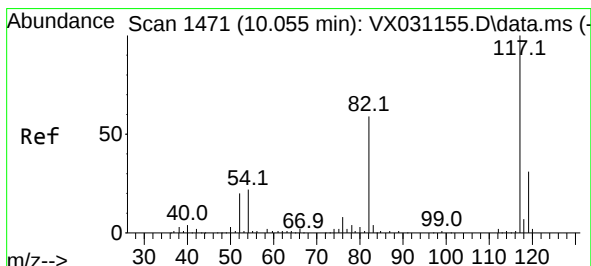
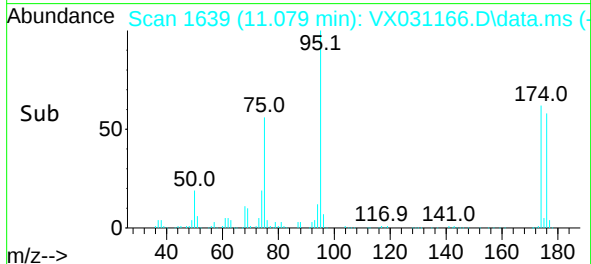
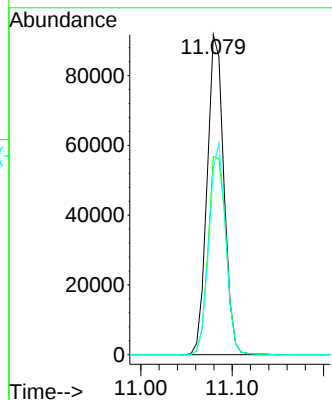
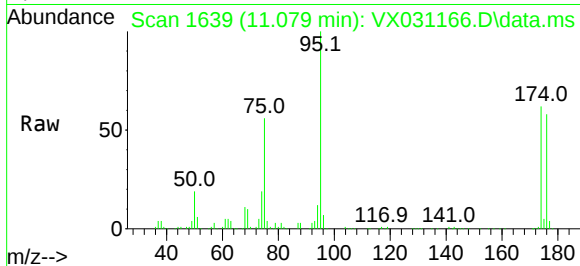




#62
4-Bromofluorobenzene
Concen: 52.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

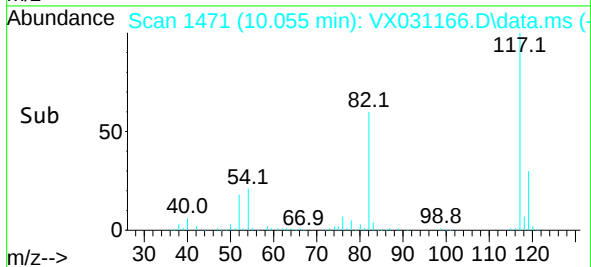
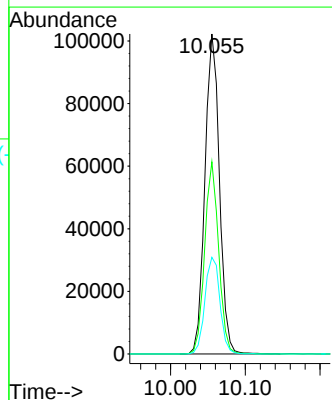
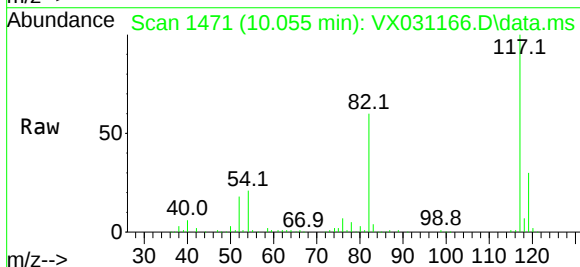
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

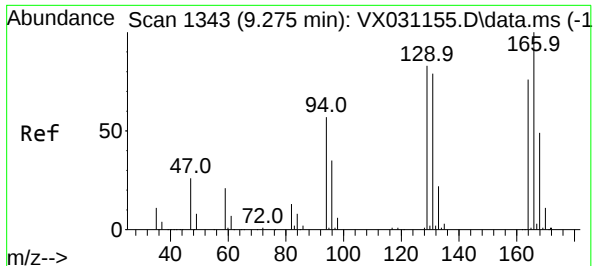
Tgt Ion: 95 Resp: 116284
Ion Ratio Lower Upper
95 100
174 66.5 0.0 149.0
176 65.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

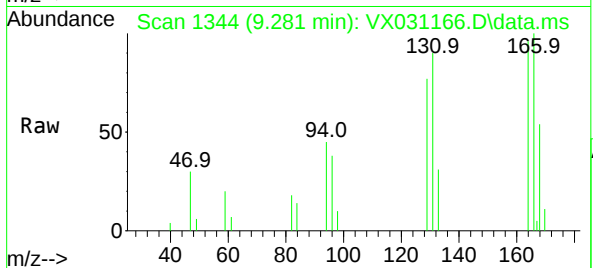
Tgt Ion: 117 Resp: 137616
Ion Ratio Lower Upper
117 100
82 60.0 42.7 64.1
119 30.2 25.4 38.2



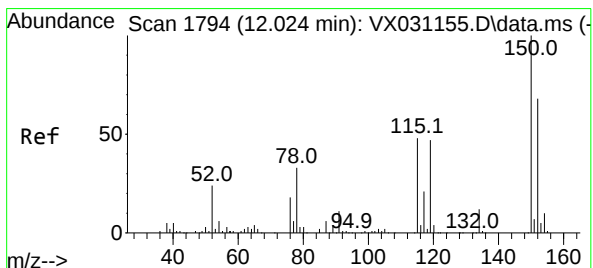
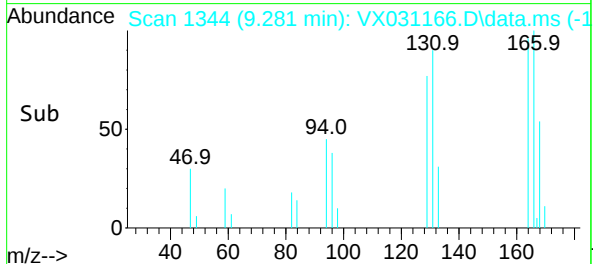
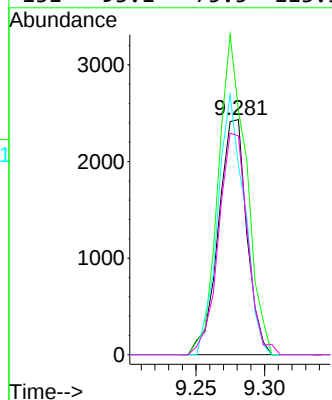


#64
Tetrachloroethene
Concen: 2.445 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

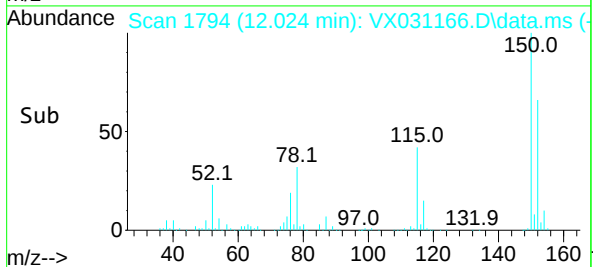
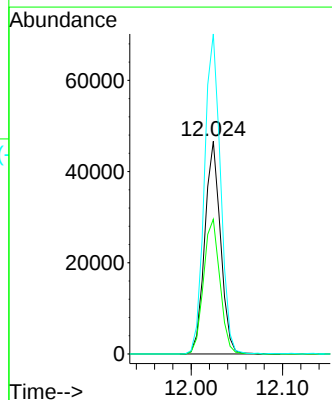
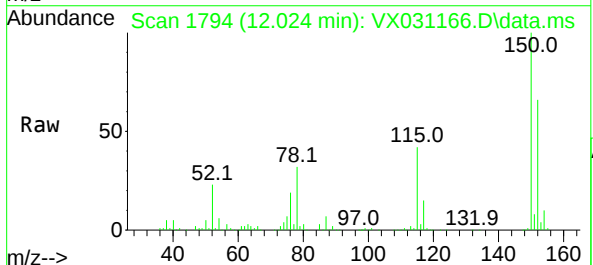


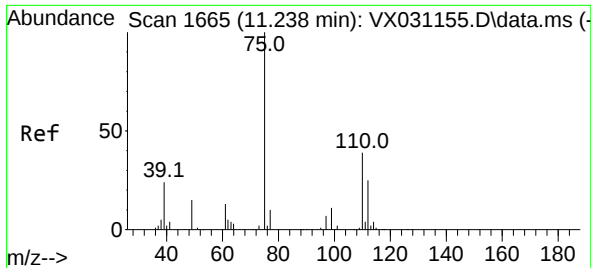
Tgt Ion:164 Resp: 3503
Ion Ratio Lower Upper
164 100
166 103.8 98.2 147.4
129 80.4 80.8 121.2#
131 93.1 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion:152 Resp: 55631
Ion Ratio Lower Upper
152 100
115 66.1 40.5 121.5
150 153.7 0.0 347.0

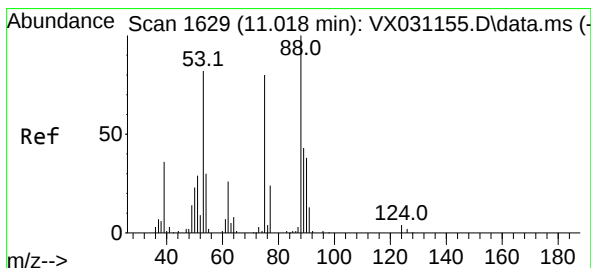
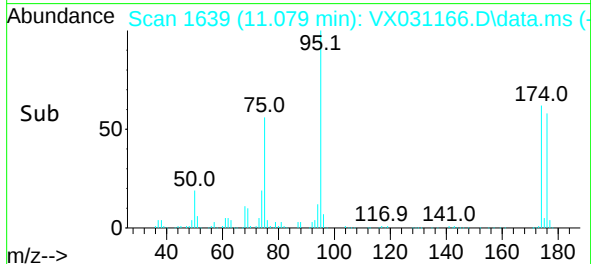
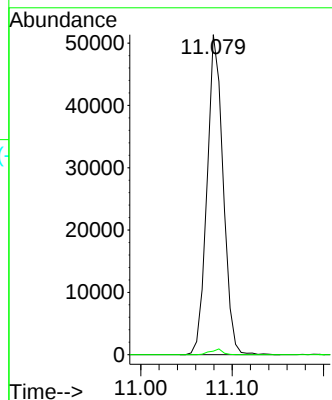
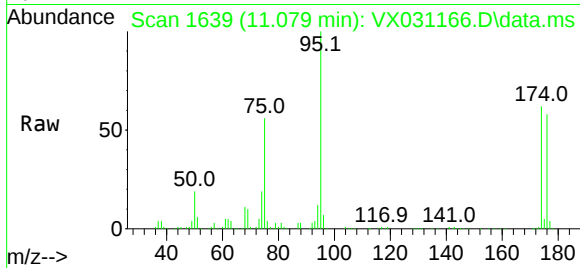




#76
1,2,3-Trichloropropane
Concen: 41.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20220823DL

Tgt Ion: 75 Resp: 62537
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031166.D
Acq: 07 Sep 2022 18:02

Tgt Ion: 75 Resp: 62537
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

