

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030846.D
 Acq On : 27 Aug 2022 04:42
 Operator : JC/MD
 Sample : N4281-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220818

Quant Time: Aug 27 06:30:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	232190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	400096	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150886	55.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.500%
35) Dibromofluoromethane	5.391	113	125719	51.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.653	98	469706	54.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.640%
62) 4-Bromofluorobenzene	11.085	95	156132	48.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.880%

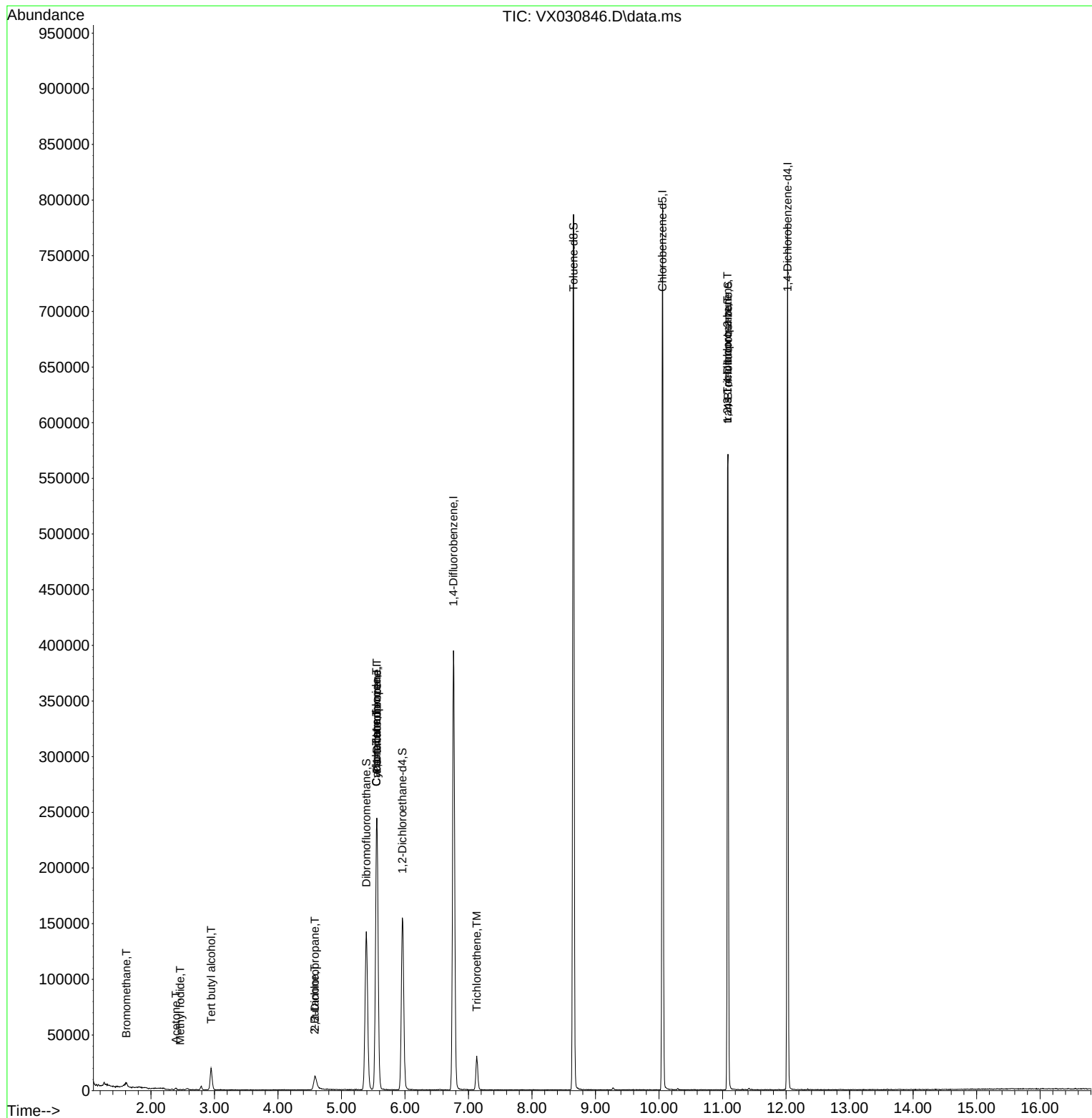
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.294	50	331	Below Cal		91
4) Vinyl Chloride	1.496	62	20	Below Cal	#	1
5) Bromomethane	1.611	94	335	0.310	ug/l	96
6) Chloroethane	1.685	64	185	Below Cal	#	41
10) Methyl Iodide	2.459	142	288	4.170	ug/l	55
11) Tert butyl alcohol	2.946	59	12048	20.321	ug/l	76
16) Acetone	2.392	43	1473	1.167	ug/l	98
17) Carbon Disulfide	2.508	76	419	Below Cal	#	74
20) Methylene Chloride	2.794	84	1438	Below Cal		92
25) 2-Butanone	4.574	43	417	0.205	ug/l	48
26) 2,2-Dichloropropane	4.580	77	760	0.237	ug/l	49
31) Cyclohexane	5.550	56	4777	1.368	ug/l	4
36) 1,1-Dichloropropene	5.556	75	18816	5.619	ug/l	48
38) Carbon Tetrachloride	5.550	117	23649	6.696	ug/l	18
44) Trichloroethene	7.129	130	11897	4.111	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	80230	23.683	ug/l	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80230	76.411	ug/l	13

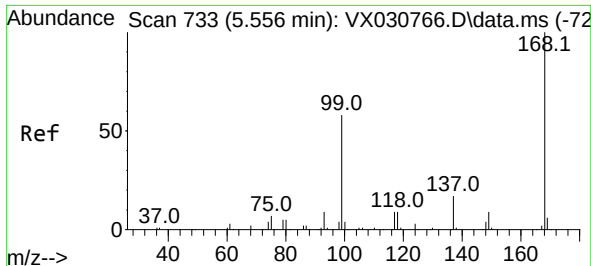
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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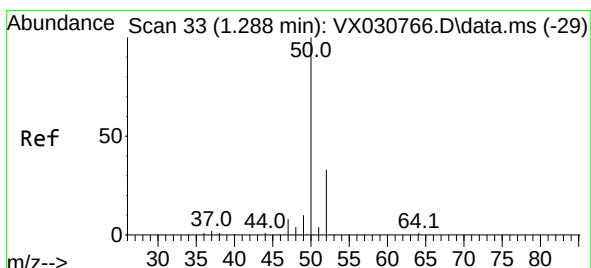
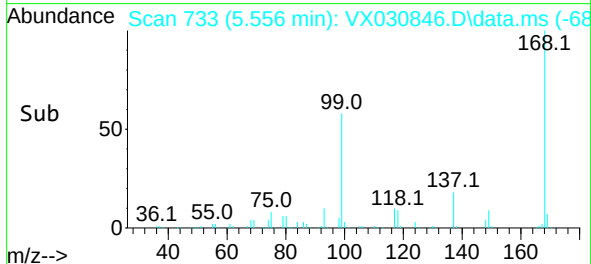
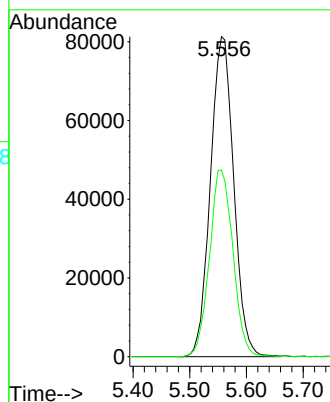
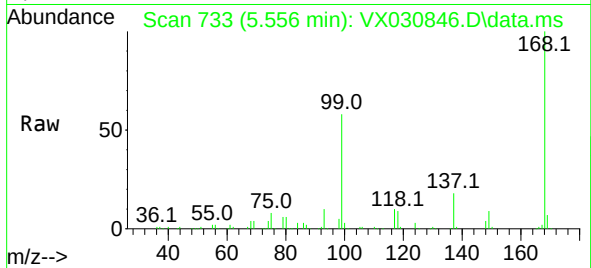




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

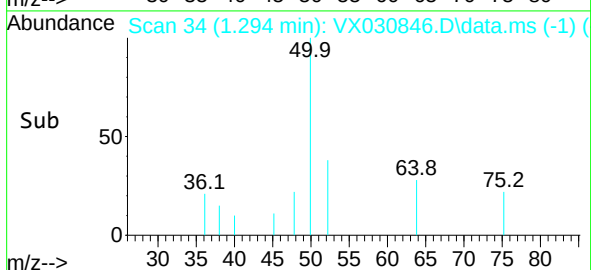
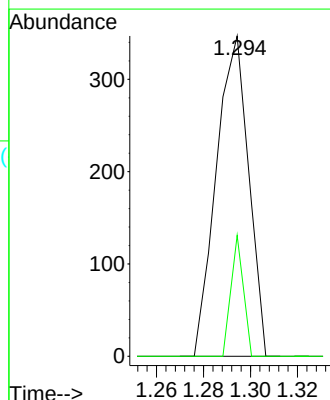
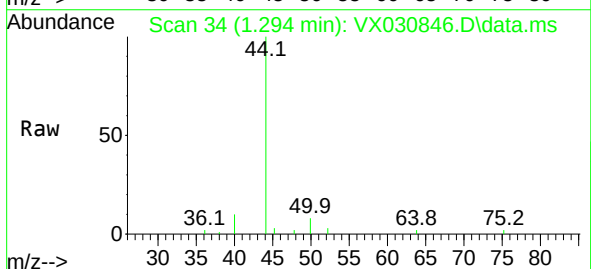
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

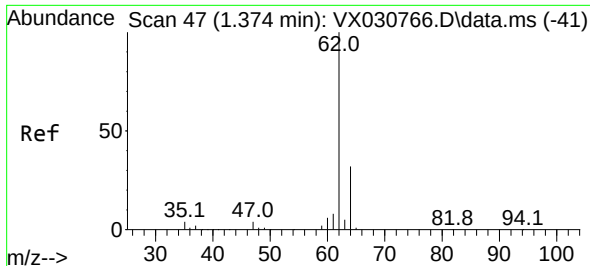
Tgt Ion:168 Resp: 232190
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion: 50 Resp: 331
Ion Ratio Lower Upper
50 100
52 37.8 26.3 39.5

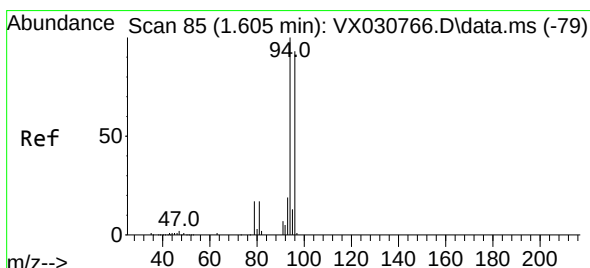
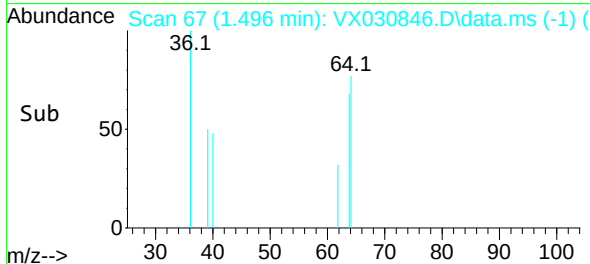
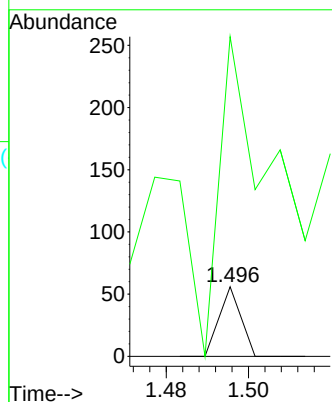
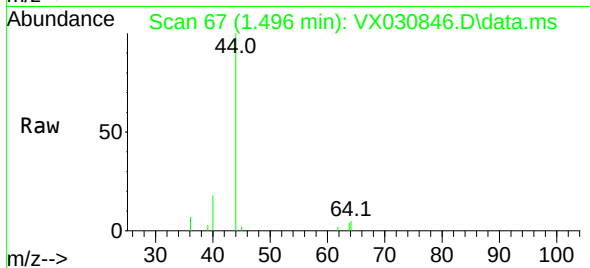




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.496 min Scan# 61
 Delta R.T. 0.122 min
 Lab File: VX030846.D
 Acq: 27 Aug 2022 04:42

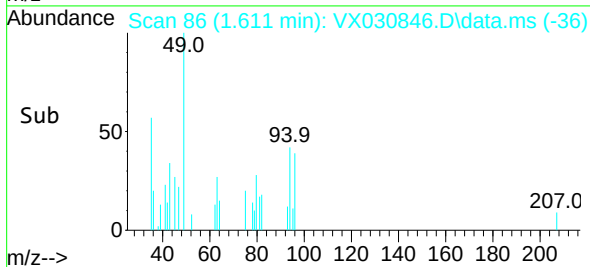
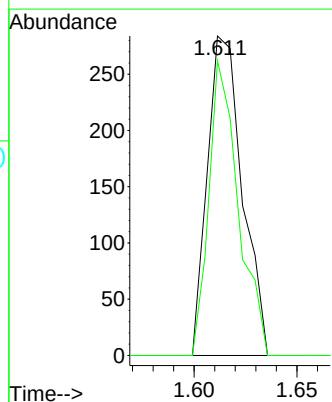
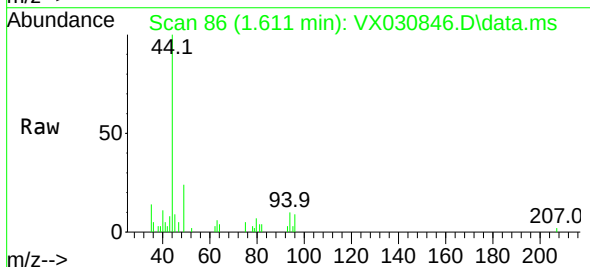
Instrument :
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 ClientSampleId :
 DUP06-20220818

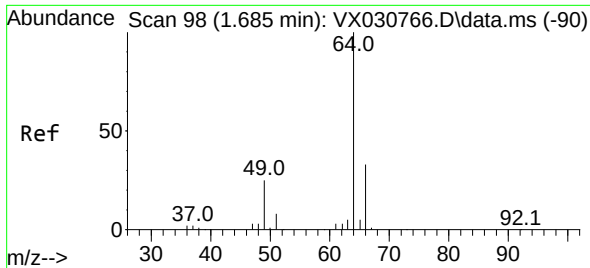
Tgt Ion: 62 Resp: 20
 Ion Ratio Lower Upper
 62 100
 64 207.1 25.2 37.8#



#5
 Bromomethane
 Concen: 0.310 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030846.D
 Acq: 27 Aug 2022 04:42

Tgt Ion: 94 Resp: 335
 Ion Ratio Lower Upper
 94 100
 96 92.3 76.9 115.3

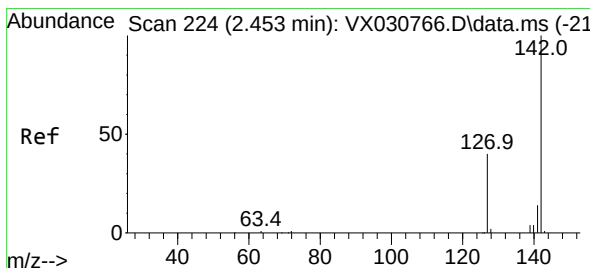
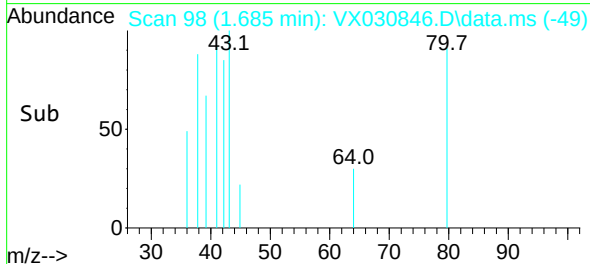
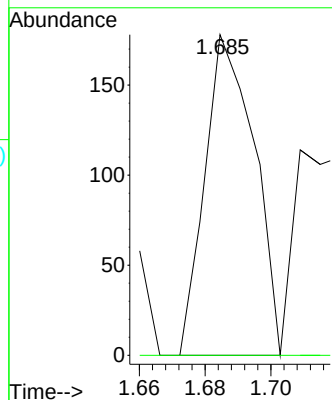
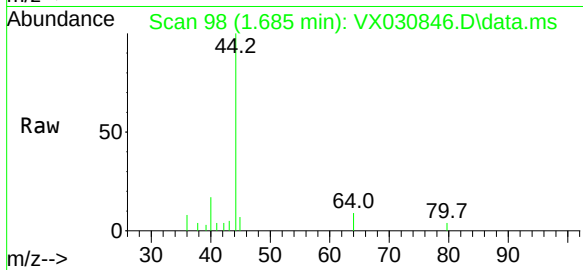




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

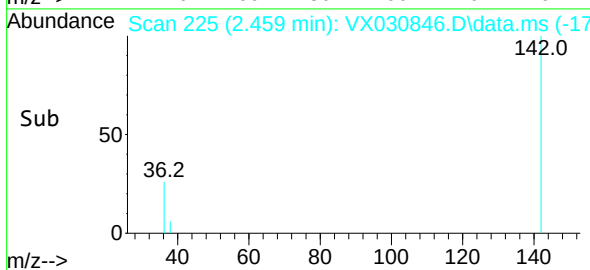
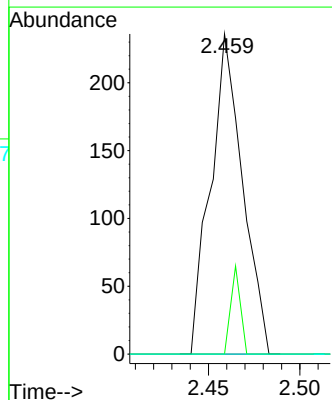
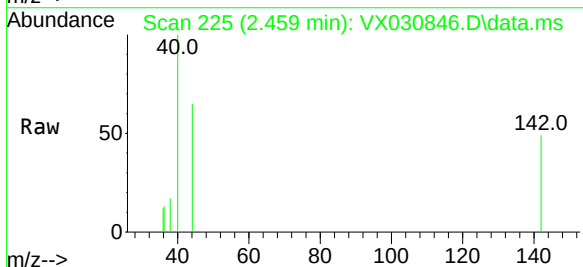
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

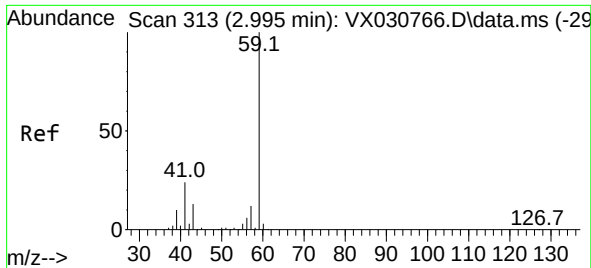
Tgt Ion: 64 Resp: 185
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.170 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion: 142 Resp: 288
Ion Ratio Lower Upper
142 100
127 8.3 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 20.321 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX030846.D

Acq: 27 Aug 2022 04:42

Instrument :

MSVOA_X

ClientSampleId :

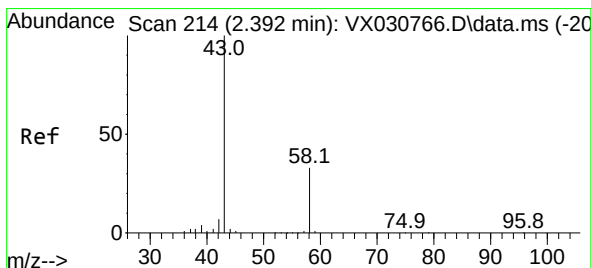
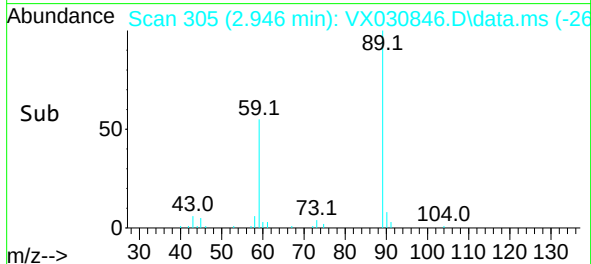
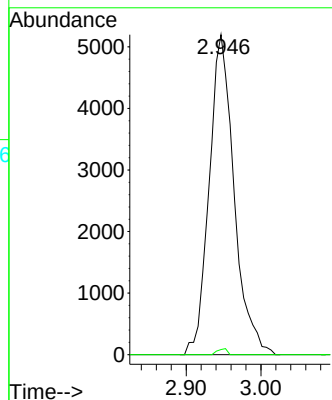
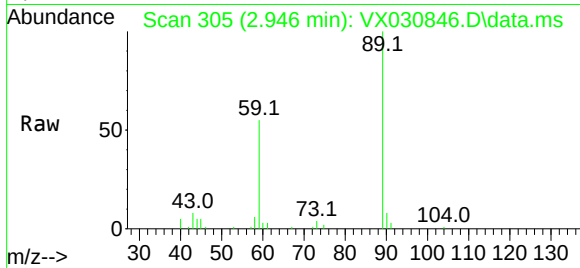
DUP06-20220818

Tgt Ion: 59 Resp: 12048

Ion Ratio Lower Upper

59 100

57 0.7 7.4 11.2#



#16

Acetone

Concen: 1.167 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030846.D

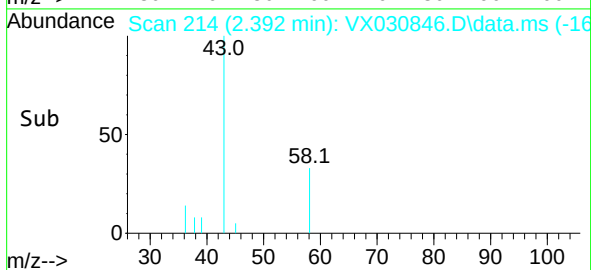
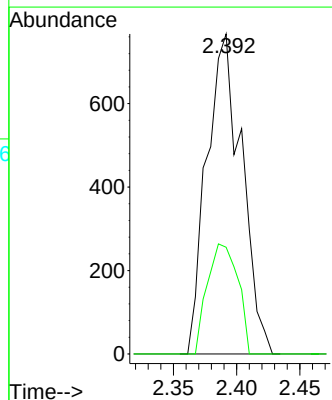
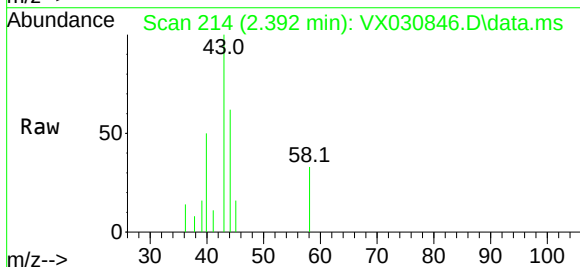
Acq: 27 Aug 2022 04:42

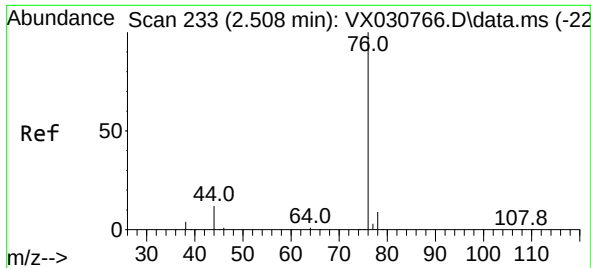
Tgt Ion: 43 Resp: 1473

Ion Ratio Lower Upper

43 100

58 33.4 27.7 41.5

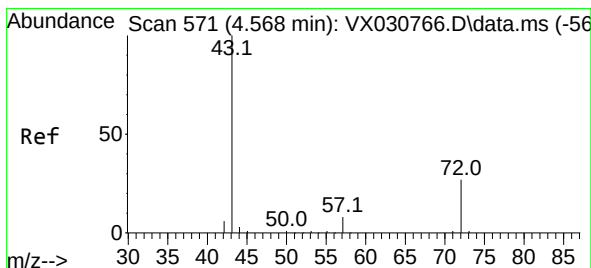
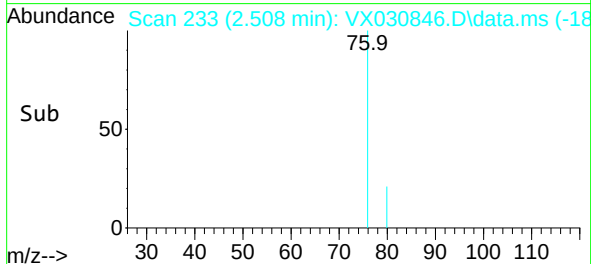
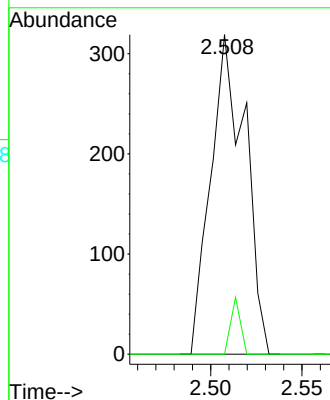
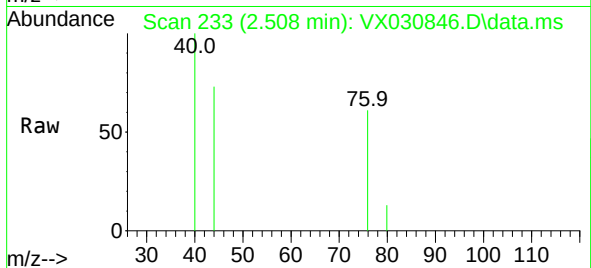




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

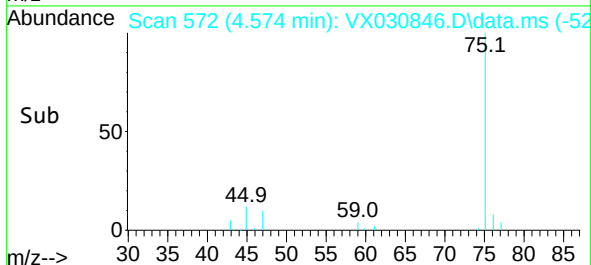
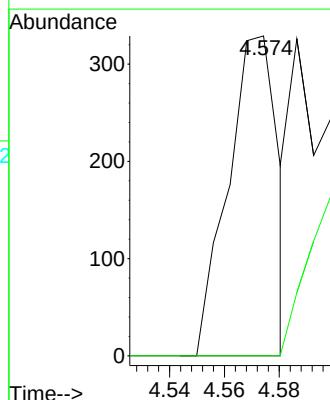
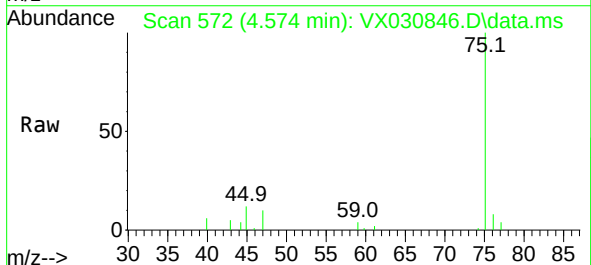
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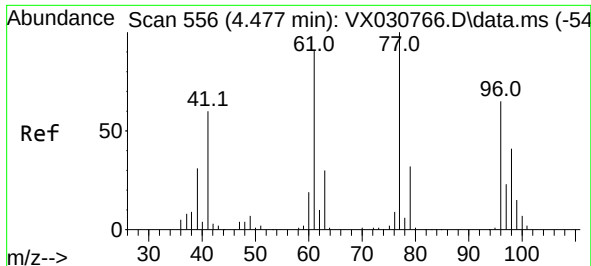
Tgt Ion: 76 Resp: 419
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#25
2-Butanone
Concen: 0.205 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.237 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.103 min

Lab File: VX030846.D

Acq: 27 Aug 2022 04:42

Instrument :

MSVOA_X

ClientSampleId :

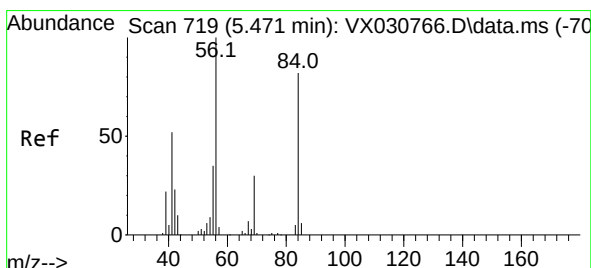
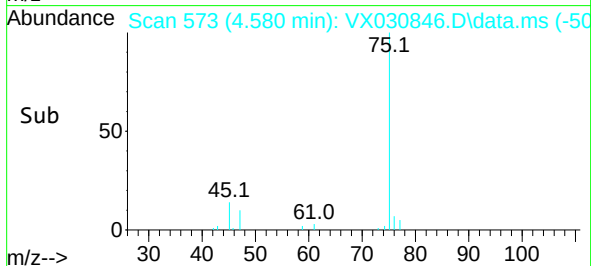
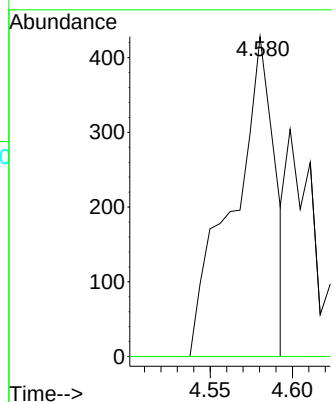
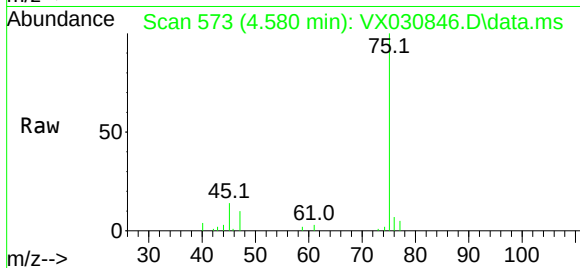
DUP06-20220818

Tgt Ion: 77 Resp: 760

Ion Ratio Lower Upper

77 100

97 0.0 13.0 39.0#



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX030846.D

Acq: 27 Aug 2022 04:42

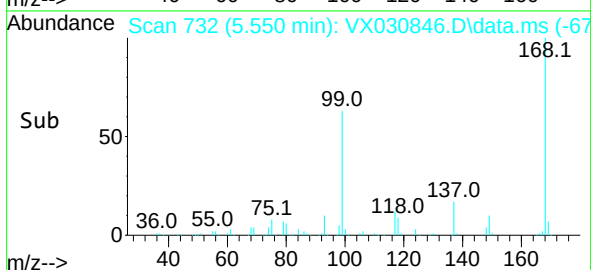
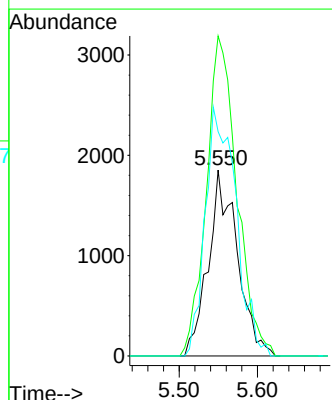
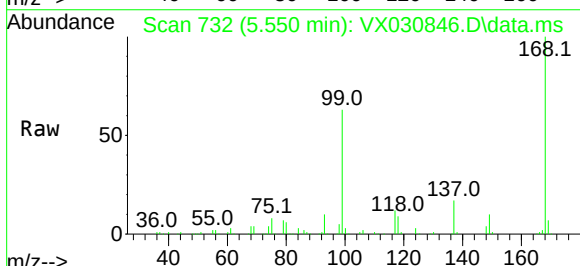
Tgt Ion: 56 Resp: 4777

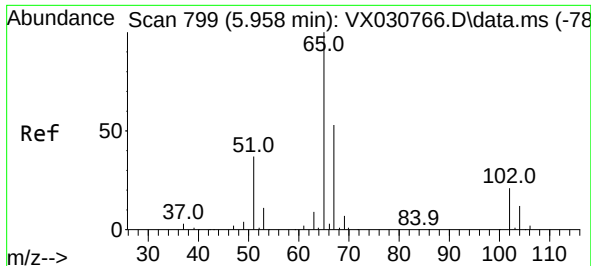
Ion Ratio Lower Upper

56 100

69 172.2 25.4 38.0#

84 120.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.246 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030846.D

Acq: 27 Aug 2022 04:42

Instrument :

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ClientSampleId :

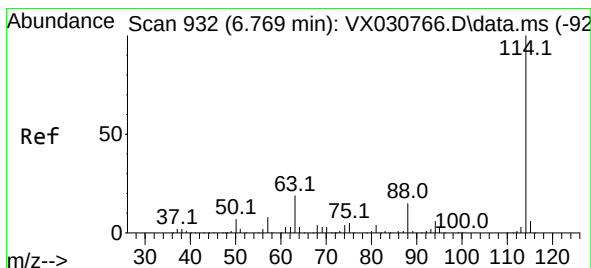
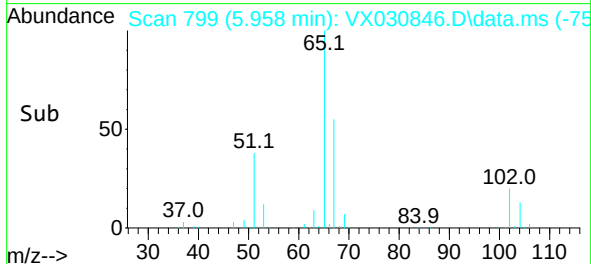
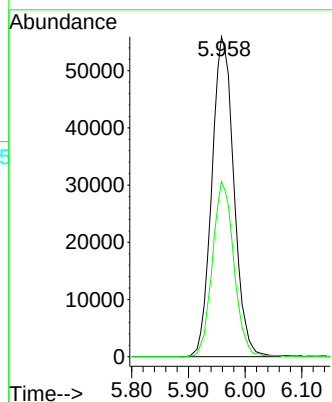
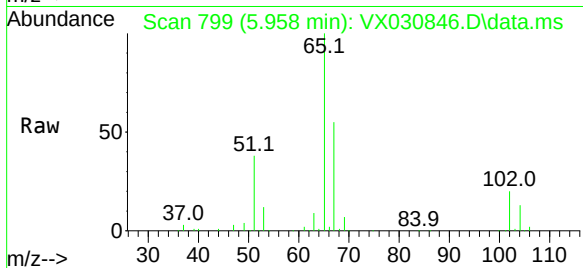
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Tgt Ion: 65 Resp: 150886

Ion Ratio Lower Upper

65 100

67 53.4 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: VX030846.D

Acq: 27 Aug 2022 04:42

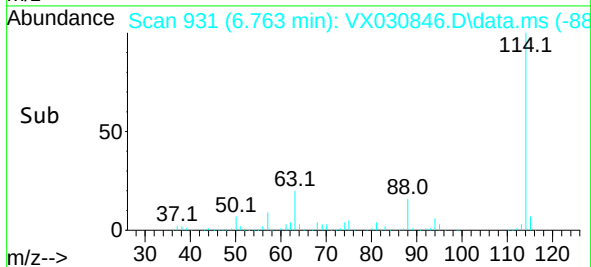
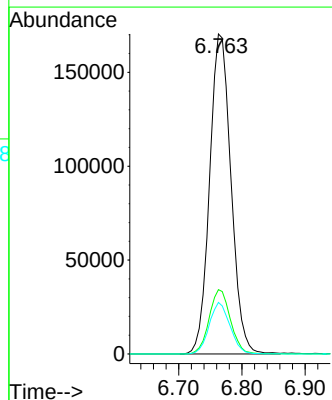
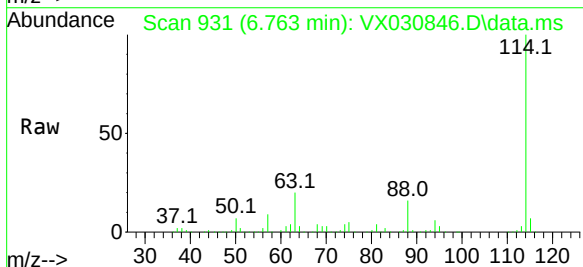
Tgt Ion: 114 Resp: 400096

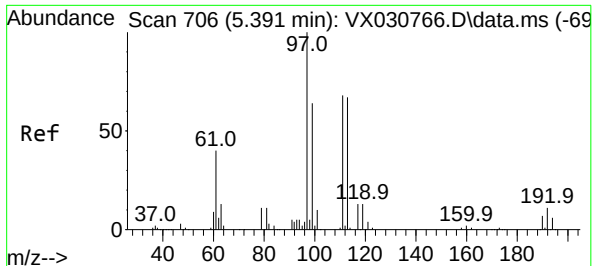
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.128 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030846.D

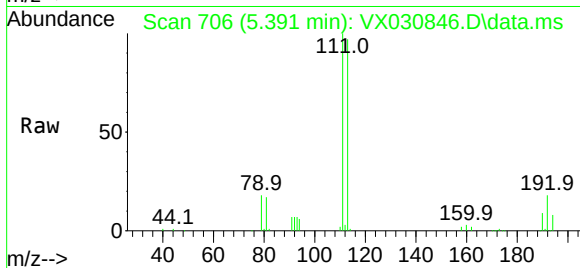
Acq: 27 Aug 2022 04:42

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DUP06-20220818



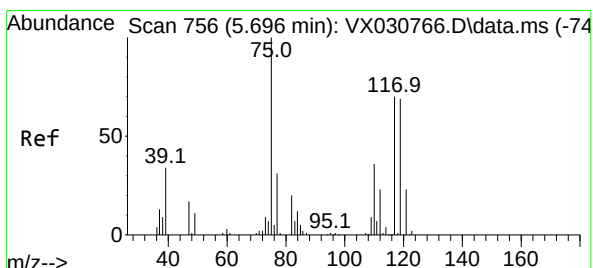
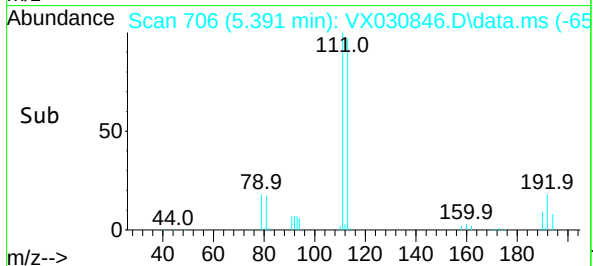
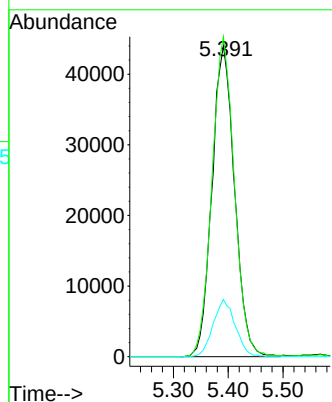
Tgt Ion:113 Resp: 125719

Ion Ratio Lower Upper

113 100

111 102.4 83.2 124.8

192 18.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.619 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030846.D

Acq: 27 Aug 2022 04:42

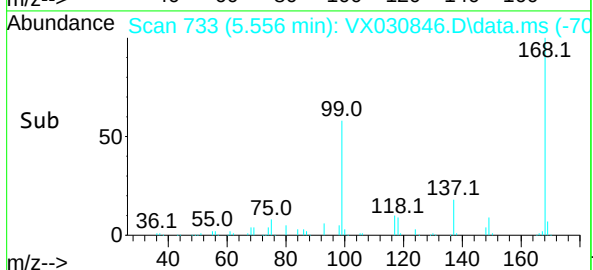
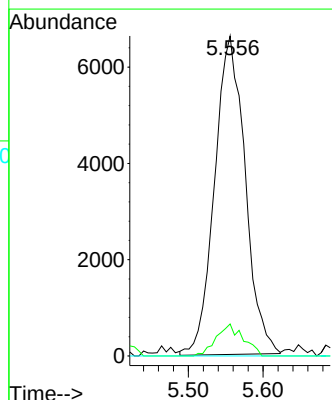
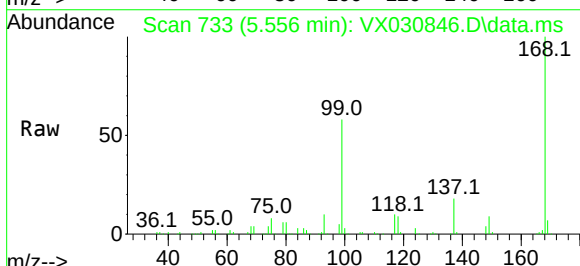
Tgt Ion: 75 Resp: 18816

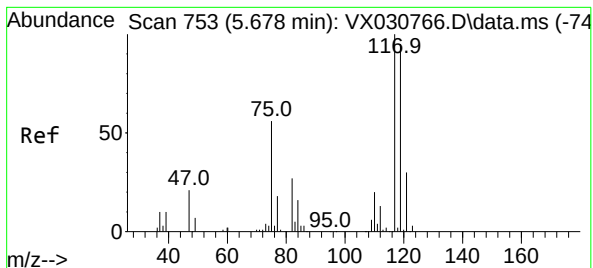
Ion Ratio Lower Upper

75 100

110 8.9 19.3 57.9#

77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 6.696 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX030846.D

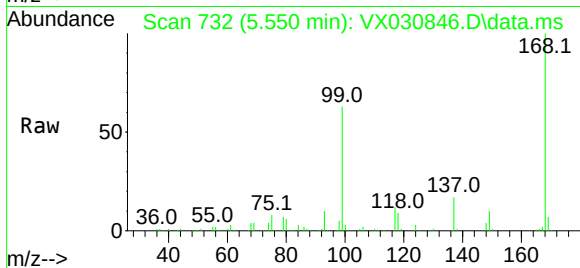
Acq: 27 Aug 2022 04:42

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220818



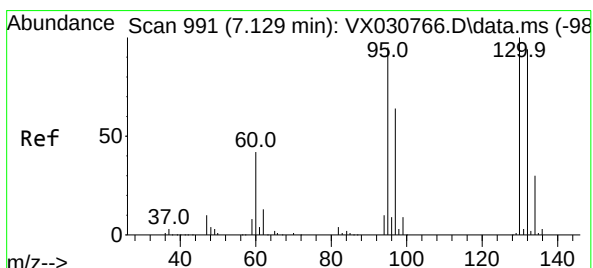
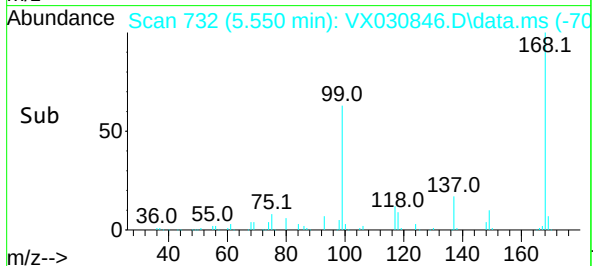
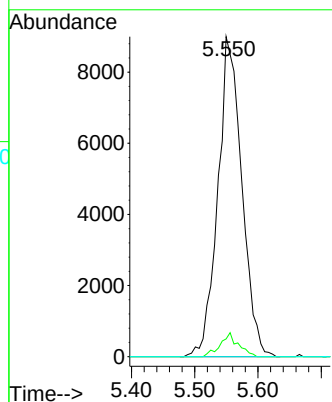
Tgt Ion:117 Resp: 23649

Ion Ratio Lower Upper

117 100

119 5.6 74.1 111.1#

121 0.0 25.8 38.8#



#44

Trichloroethene

Concen: 4.111 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030846.D

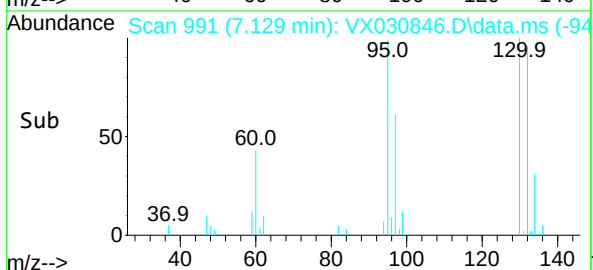
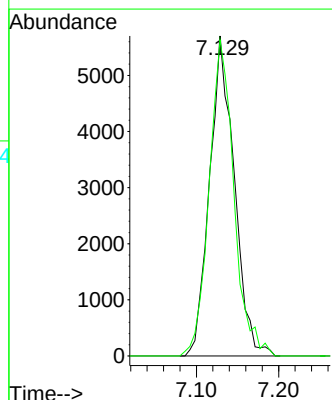
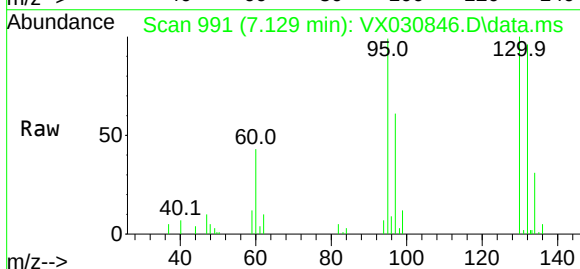
Acq: 27 Aug 2022 04:42

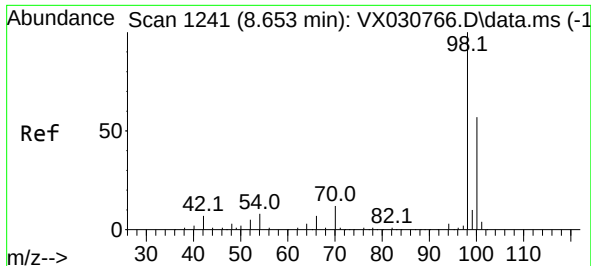
Tgt Ion:130 Resp: 11897

Ion Ratio Lower Upper

130 100

95 98.8 0.0 194.8

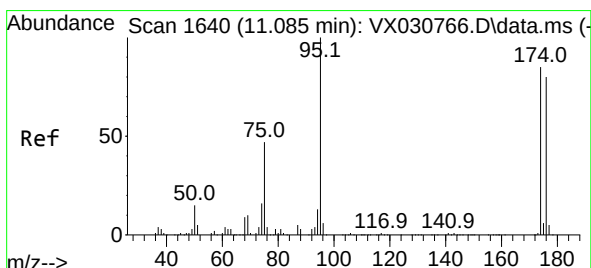
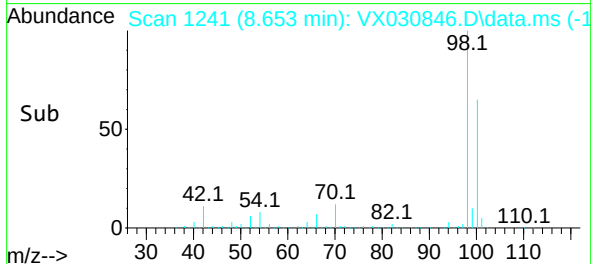
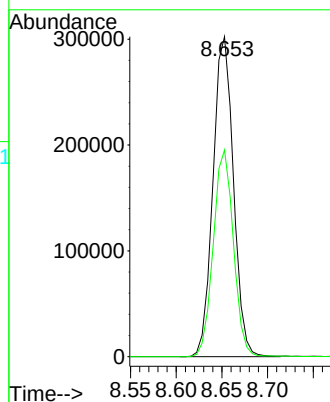
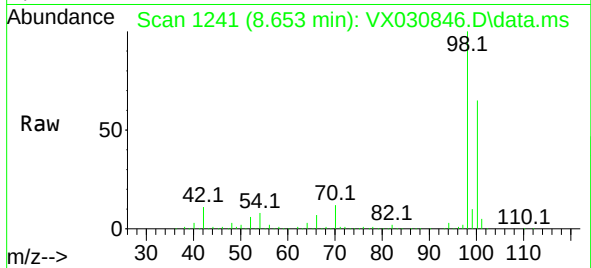




#50
Toluene-d8
Concen: 54.818 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

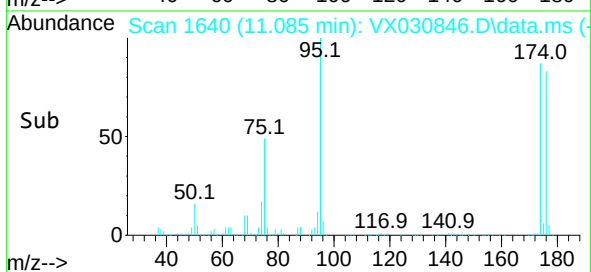
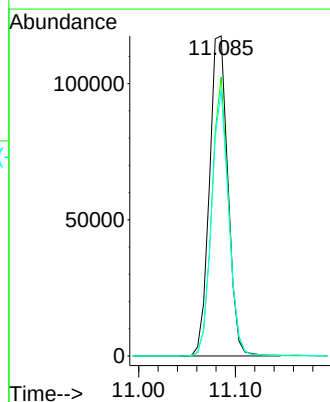
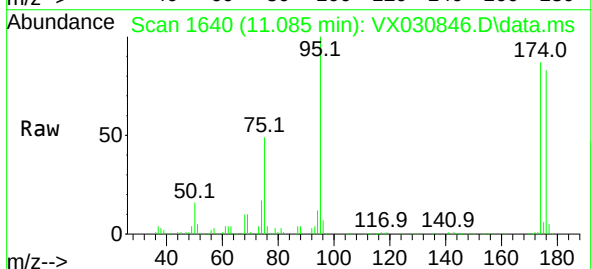
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

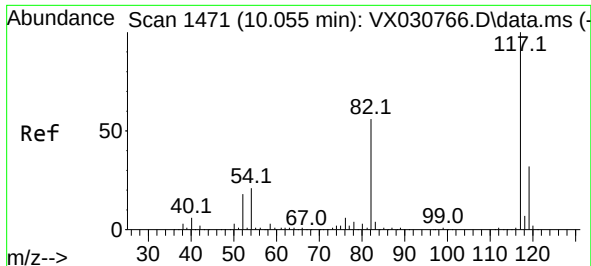
Tgt Ion: 98 Resp: 469706
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion: 95 Resp: 156132
Ion Ratio Lower Upper
95 100
174 79.6 0.0 149.0
176 77.0 0.0 146.0

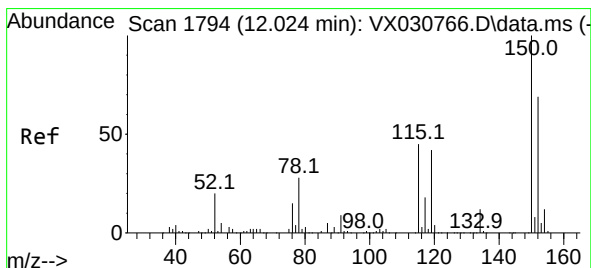
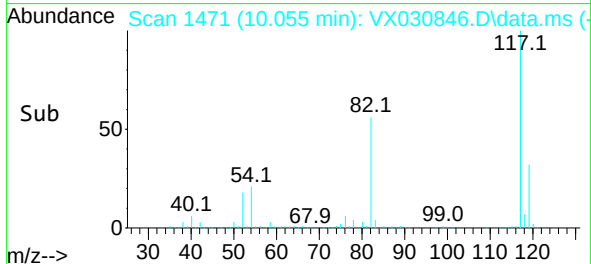
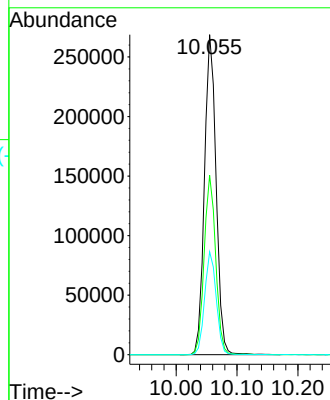
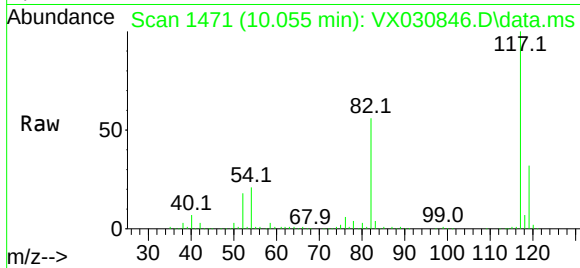




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

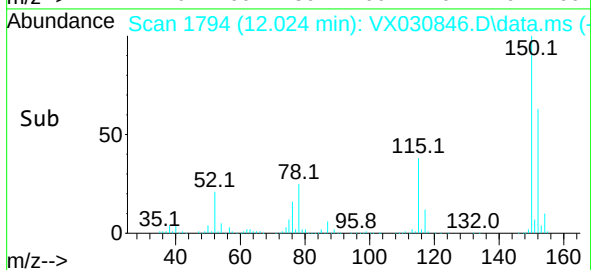
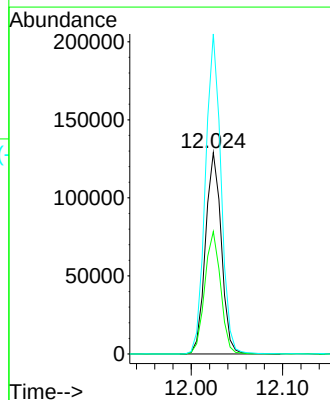
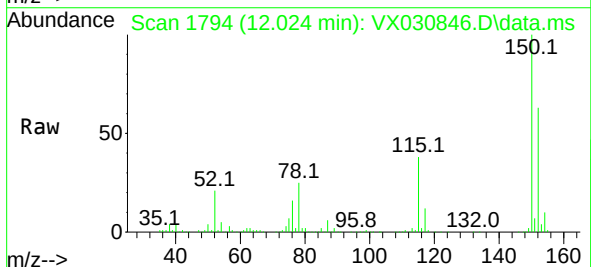
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

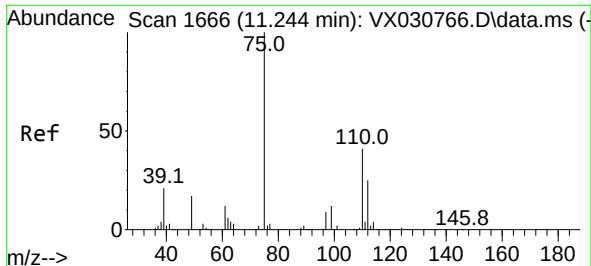
Tgt Ion:117 Resp: 357497
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion:152 Resp: 154627
Ion Ratio Lower Upper
152 100
115 60.9 40.5 121.5
150 156.6 0.0 347.0

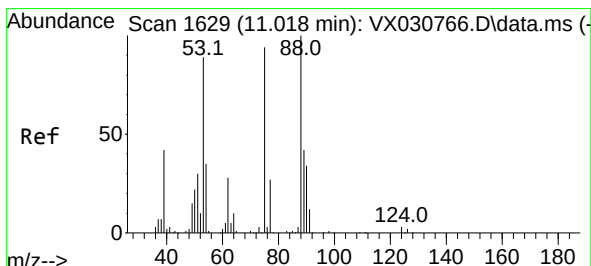
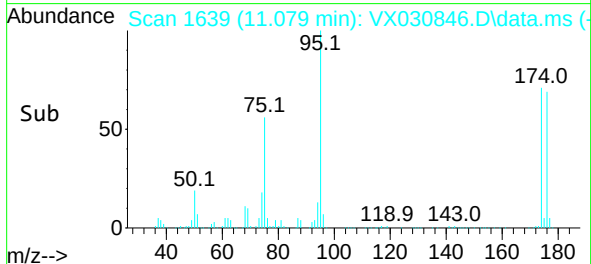
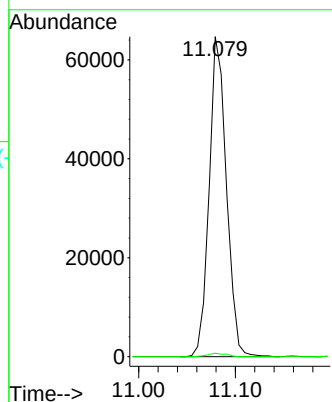
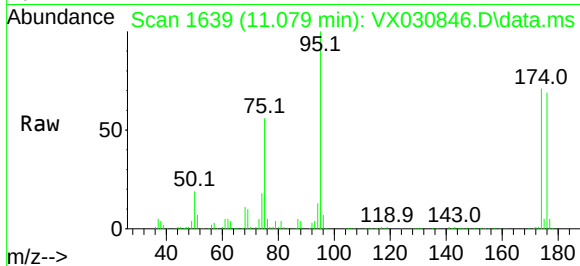




#76
1,2,3-Trichloropropane
Concen: 23.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220818

Tgt Ion: 75 Resp: 80230
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030846.D
Acq: 27 Aug 2022 04:42

Tgt Ion: 75 Resp: 80230
Ion Ratio Lower Upper
75 100
53 0.2 74.2 111.4#
89 0.0 34.8 52.2#

