

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027848.D
 Acq On : 31 Mar 2022 15:18
 Operator : JC/MD
 Sample : N2041-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317DL

Quant Time: Apr 01 04:08:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

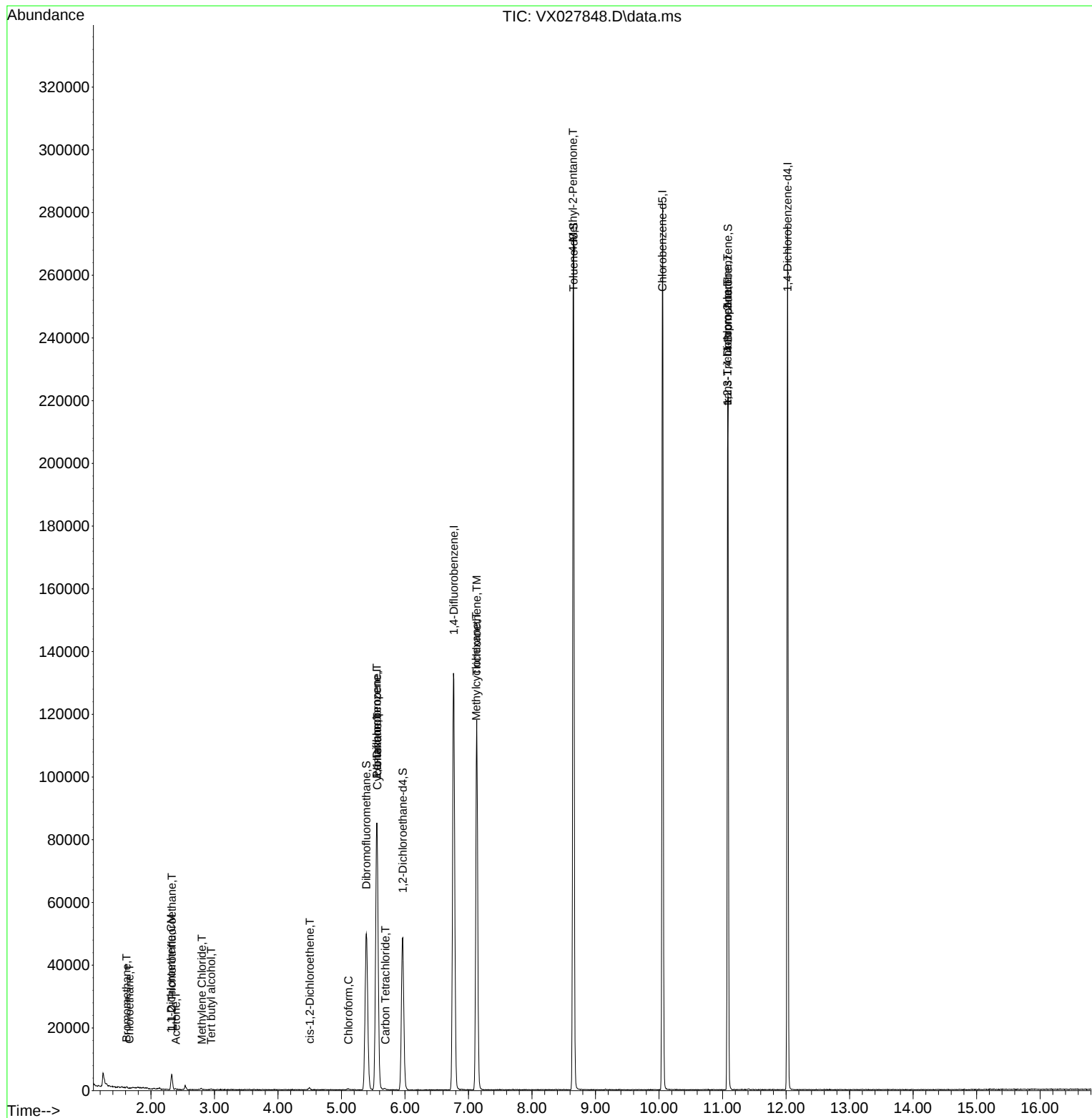
Internal Standards						
1) Pentafluorobenzene	5.556	168	78575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	134847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	48184	47.527	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.060%
35) Dibromofluoromethane	5.391	113	44579	51.216	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.440%
50) Toluene-d8	8.653	98	155388	50.739	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.085	95	60437	46.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.880%
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	133	0.457	ug/l #	73
6) Chloroethane	1.660	64	202	0.464	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1571	2.135	ug/l	95
11) Tert butyl alcohol	2.947	59	41	0.211	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	553	0.819	ug/l #	89
16) Acetone	2.392	43	485	1.081	ug/l #	78
20) Methylene Chloride	2.800	84	220	0.273	ug/l #	53
27) cis-1,2-Dichloroethene	4.501	96	266	0.301	ug/l	53
30) Chloroform	5.111	83	519	0.334	ug/l #	74
31) Cyclohexane	5.562	56	1736	1.549	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	6315	5.760	ug/l #	45
38) Carbon Tetrachloride	5.690	117	320	0.264	ug/l #	76
39) Methylcyclohexane	7.123	83	421	0.326	ug/l #	1
44) Trichloroethene	7.129	130	42732	47.330	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	824	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33399	28.629	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	33399	83.550	ug/l #	15

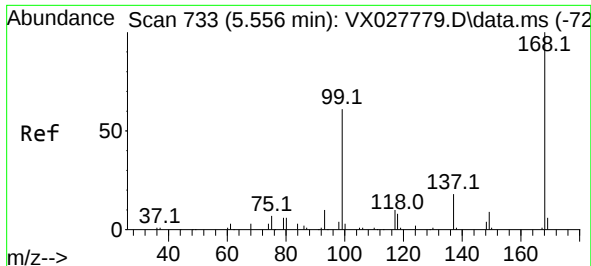
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

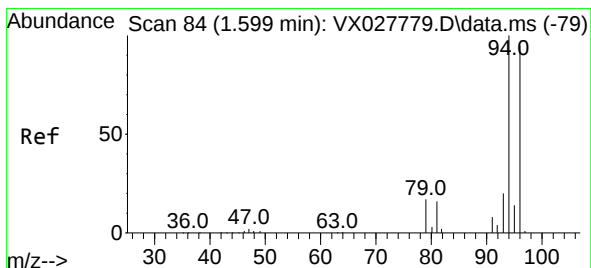
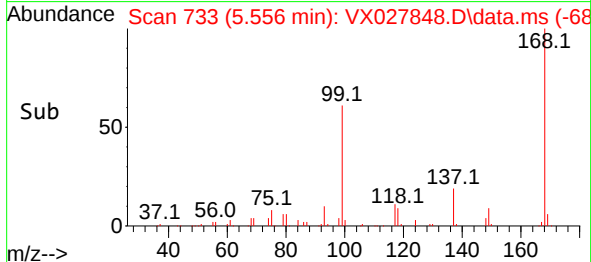
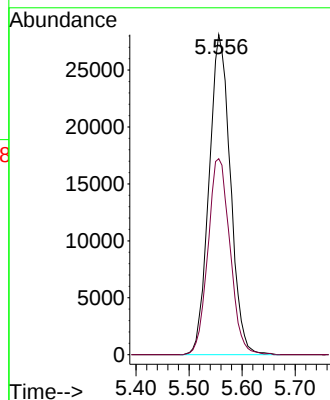
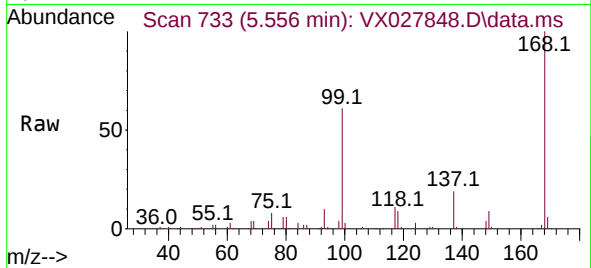




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

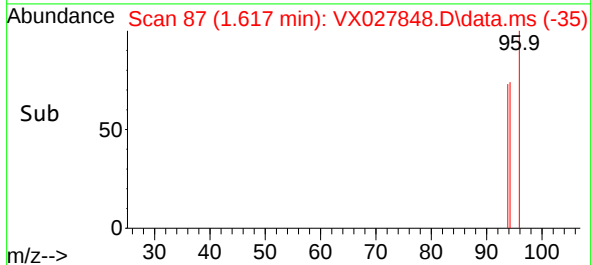
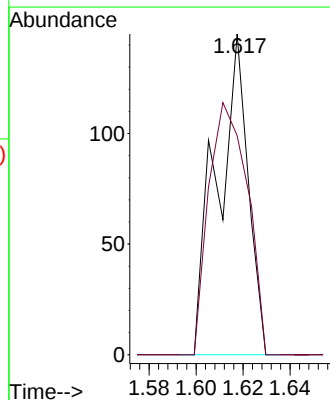
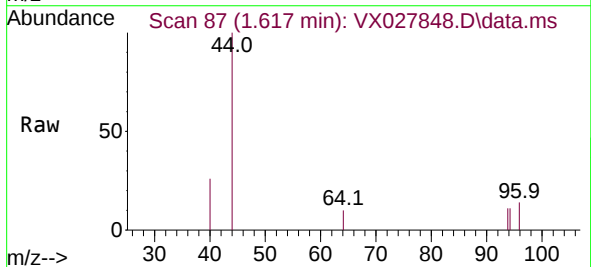
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

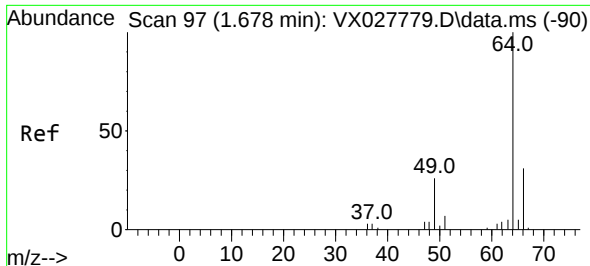
Tgt Ion:168 Resp: 78575
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5



#5
Bromomethane
Concen: 0.457 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 68.3 75.3 112.9#

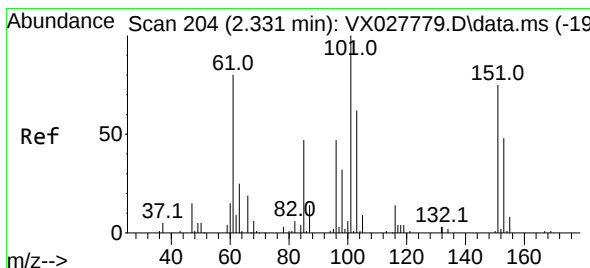
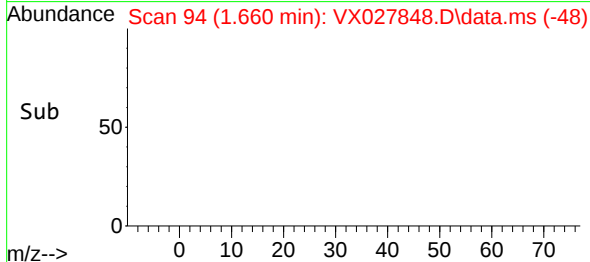
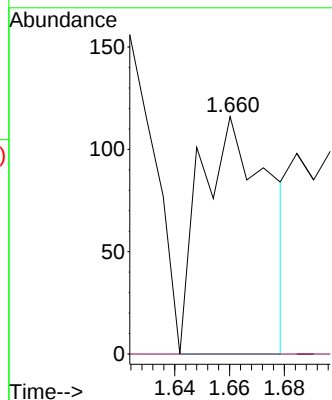
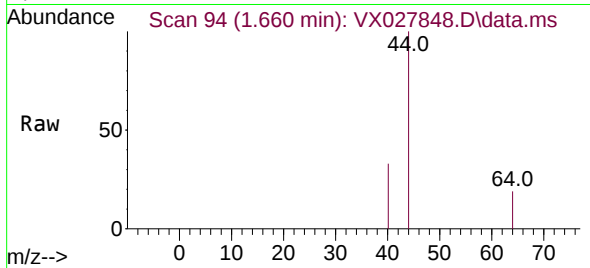




#6
Chloroethane
Concen: 0.464 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

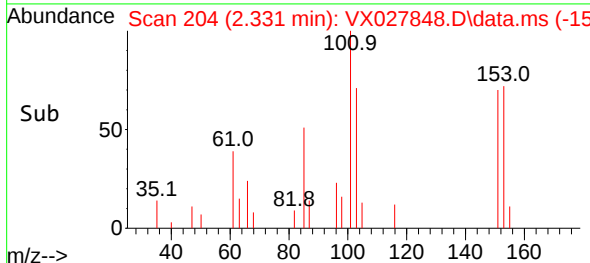
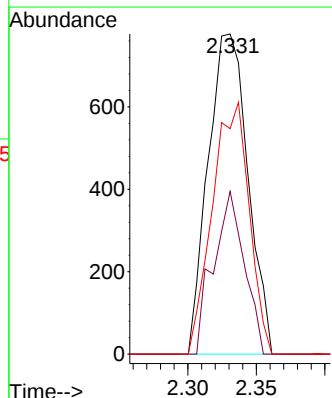
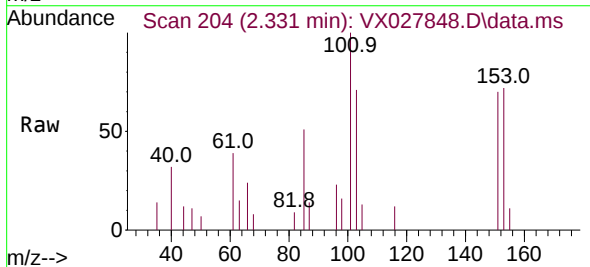
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

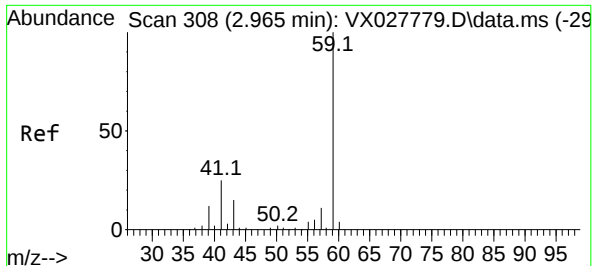
Tgt Ion: 64 Resp: 202
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.135 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 101 Resp: 1571
Ion Ratio Lower Upper
101 100
85 39.4 33.5 50.3
151 72.8 61.8 92.6

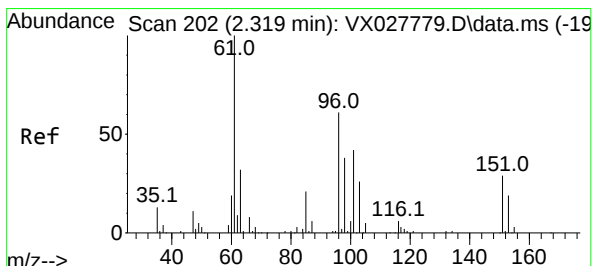
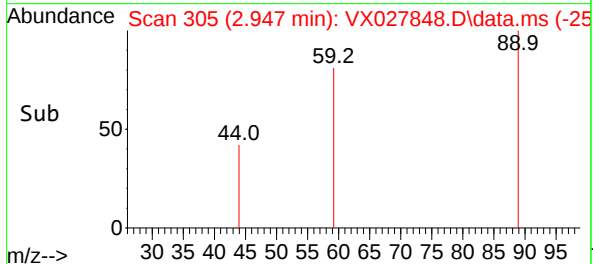
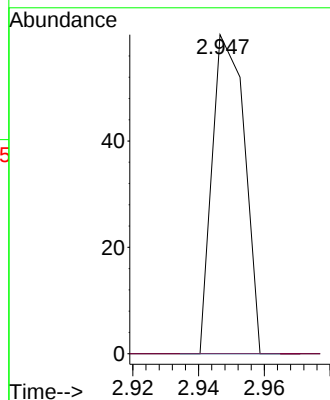
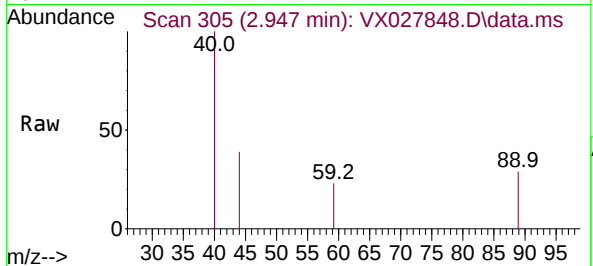




#11
Tert butyl alcohol
Concen: 0.211 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

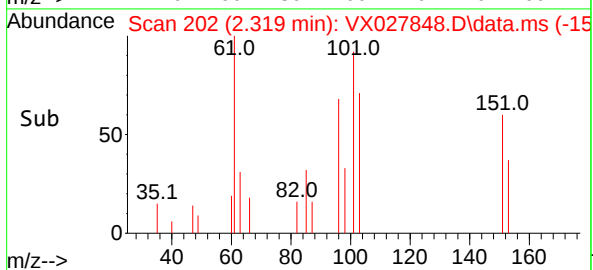
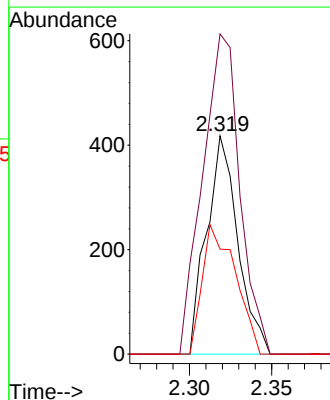
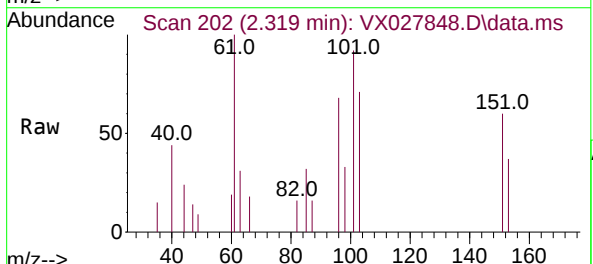
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

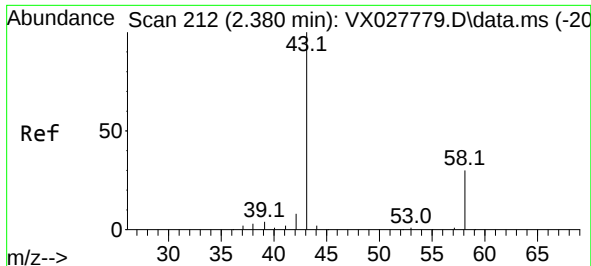
Tgt Ion: 59 Resp: 41
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.819 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 96 Resp: 553
Ion Ratio Lower Upper
96 100
61 146.7 124.6 187.0
98 48.1 51.0 76.4#





#16

Acetone

Concen: 1.081 ug/l

RT: 2.392 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

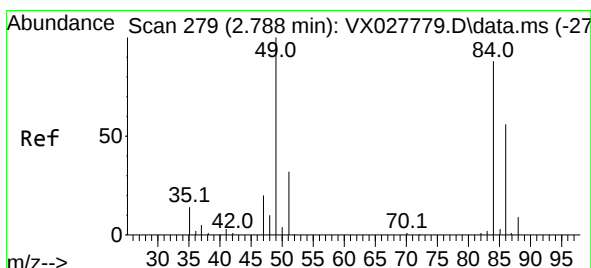
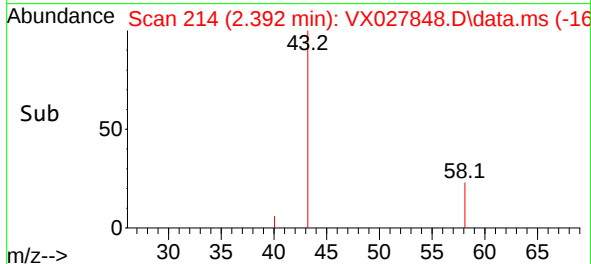
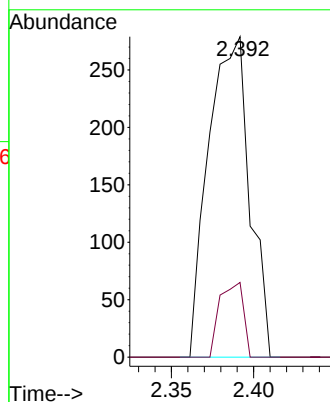
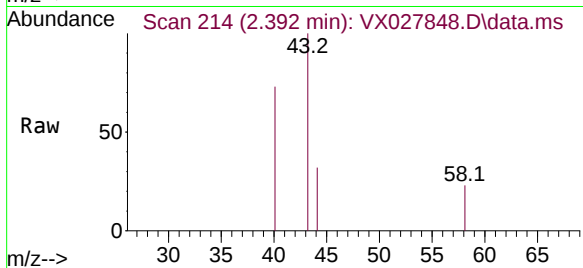
DUP02-20220317DL

Tgt Ion: 43 Resp: 485

Ion Ratio Lower Upper

43 100

58 23.3 28.8 43.2#



#20

Methylene Chloride

Concen: 0.273 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

Tgt Ion: 84 Resp: 220

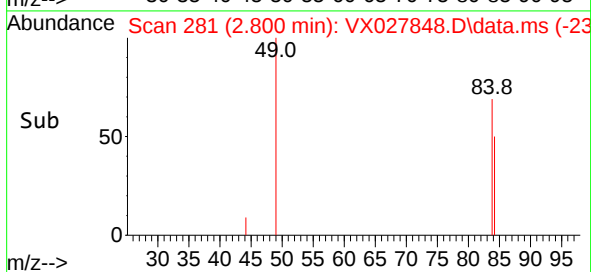
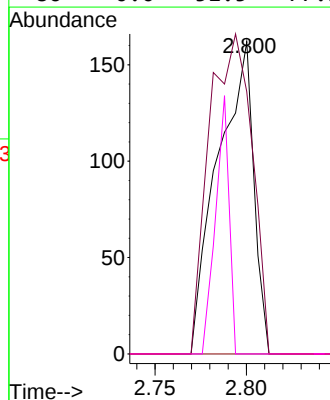
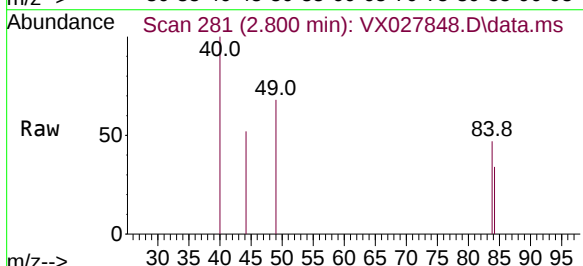
Ion Ratio Lower Upper

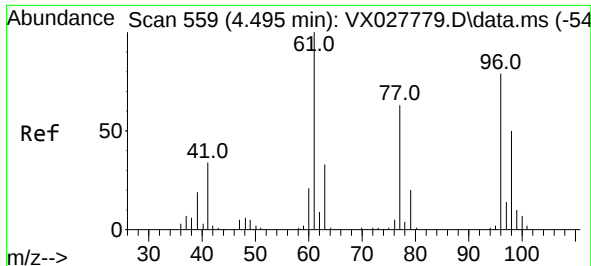
84 100

49 84.0 85.5 128.3#

51 0.0 26.6 39.8#

86 0.0 51.5 77.3#





#27

cis-1,2-Dichloroethene

Concen: 0.301 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220317DL

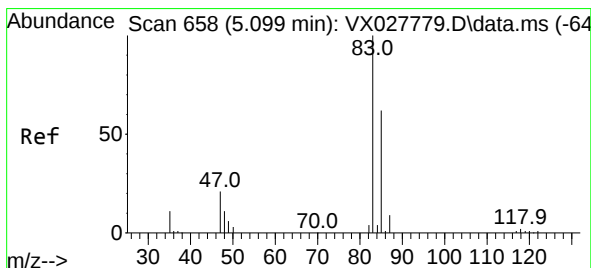
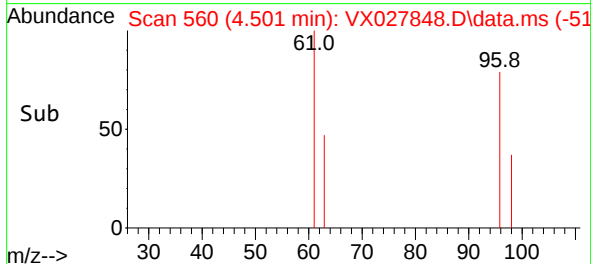
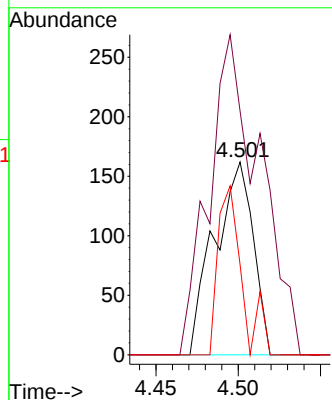
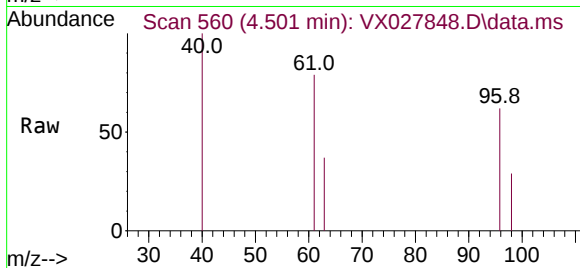
Tgt Ion: 96 Resp: 266

Ion Ratio Lower Upper

96 100

61 217.7 0.0 283.8

98 53.8 0.0 129.8



#30

Chloroform

Concen: 0.334 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX027848.D

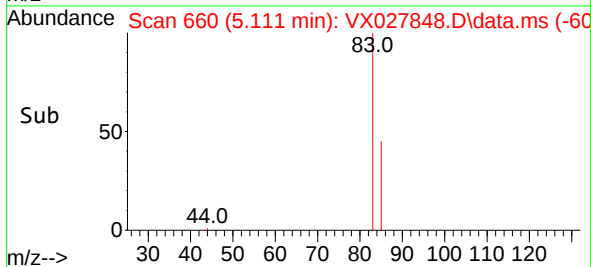
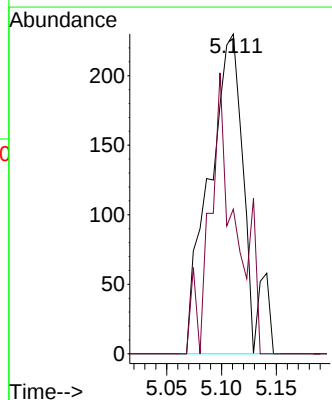
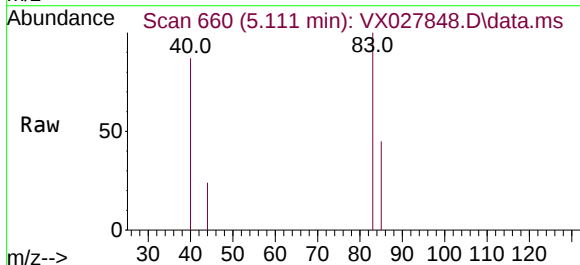
Acq: 31 Mar 2022 15:18

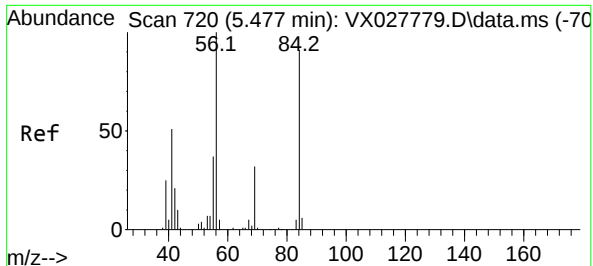
Tgt Ion: 83 Resp: 519

Ion Ratio Lower Upper

83 100

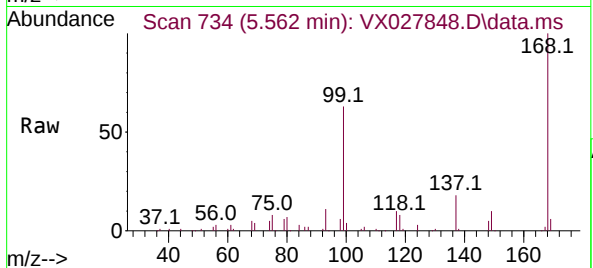
85 45.2 52.7 79.1#



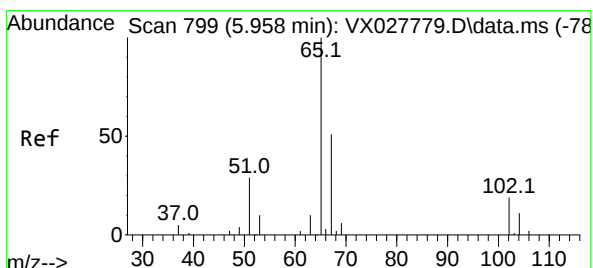
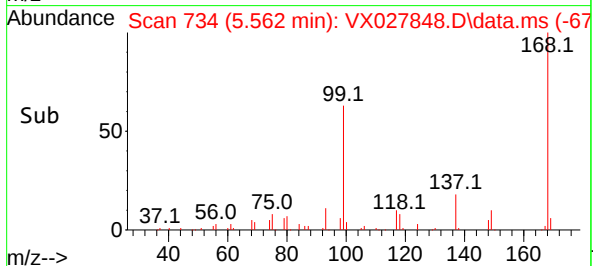
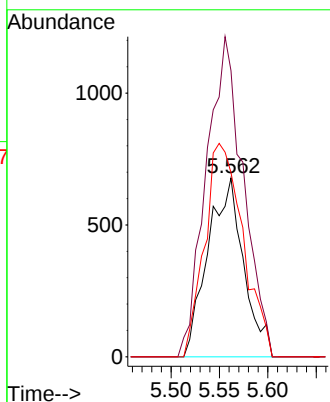


#31
Cyclohexane
Concen: 1.549 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

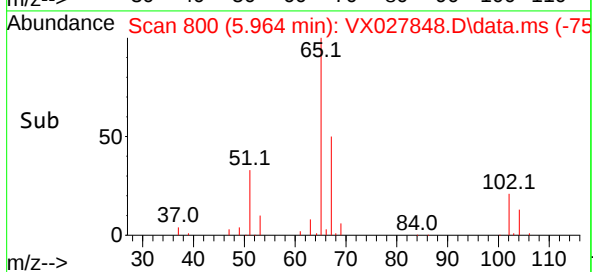
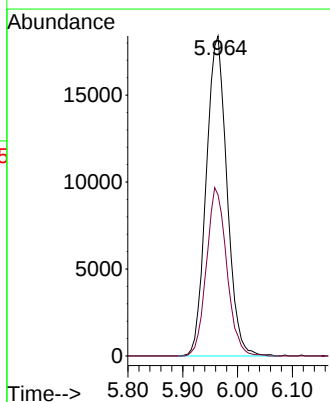
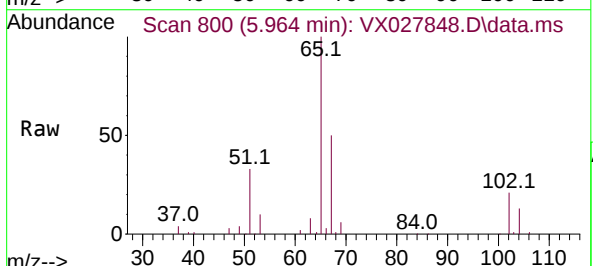


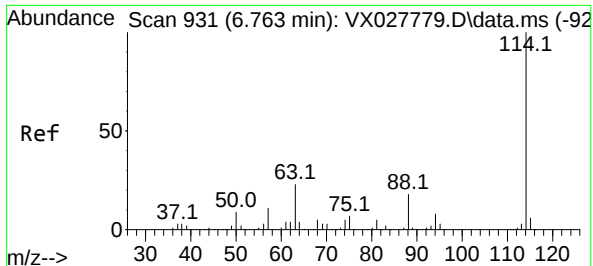
Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
69 160.0 26.7 40.1#
84 102.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 47.527 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 65 Resp: 48184
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

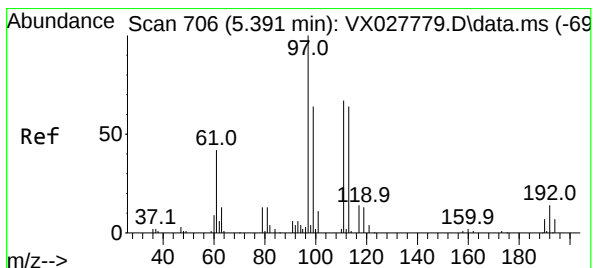
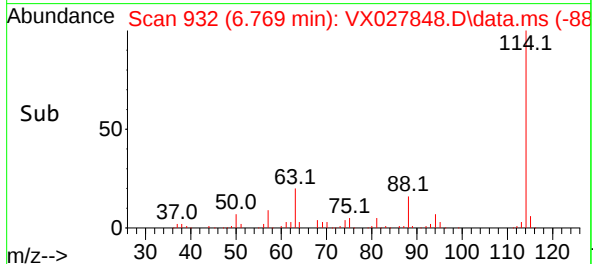
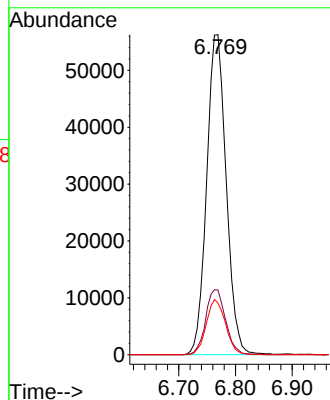
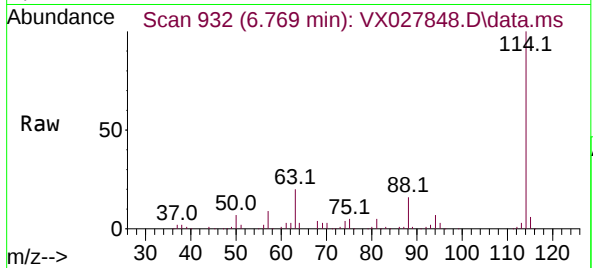




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

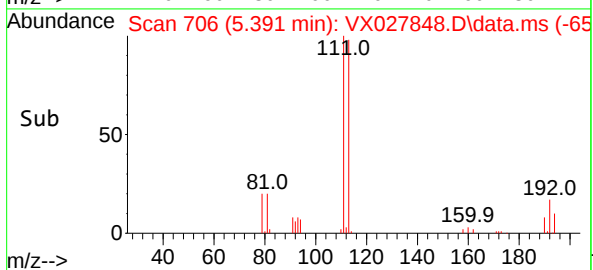
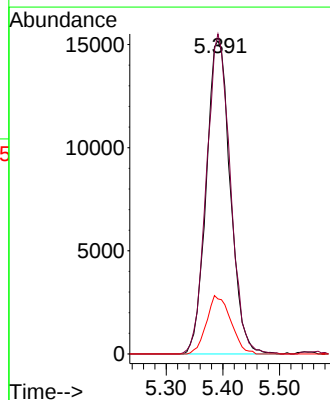
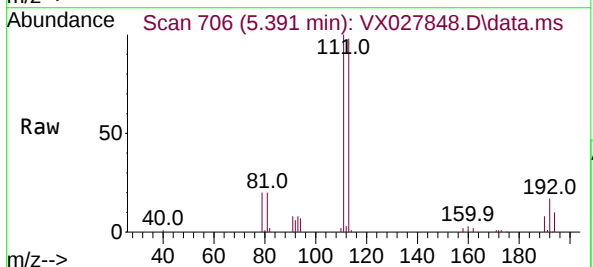
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

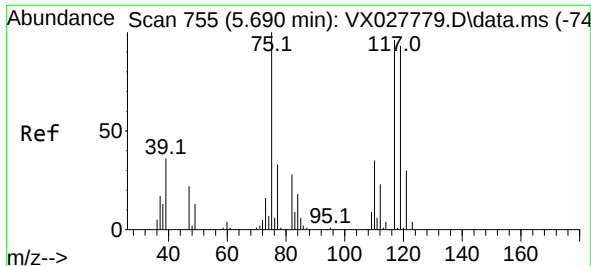
Tgt Ion:114 Resp: 134847
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.216 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion:113 Resp: 44579
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.760 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220317DL

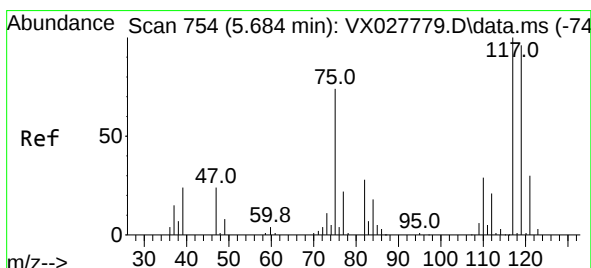
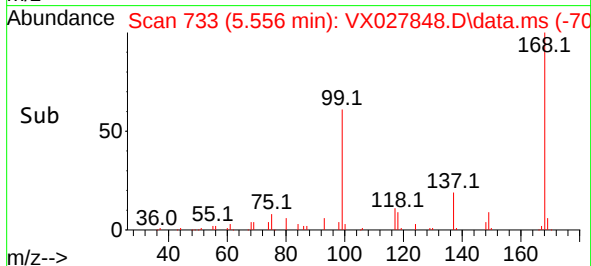
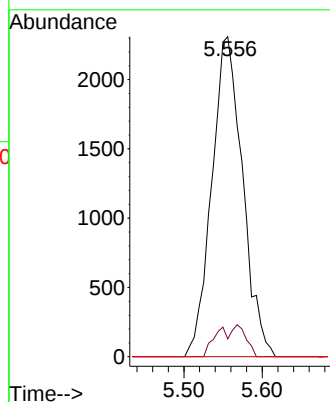
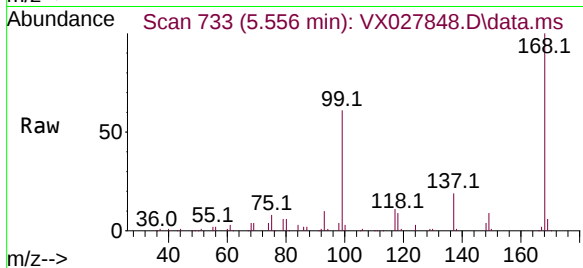
Tgt Ion: 75 Resp: 6315

Ion Ratio Lower Upper

75 100

110 4.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 0.264 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

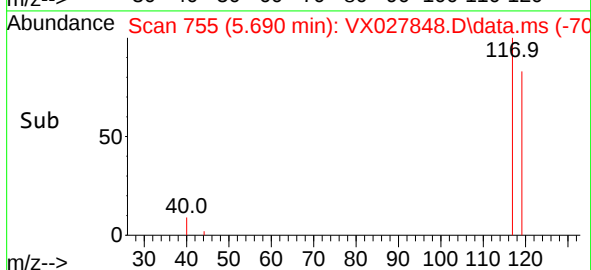
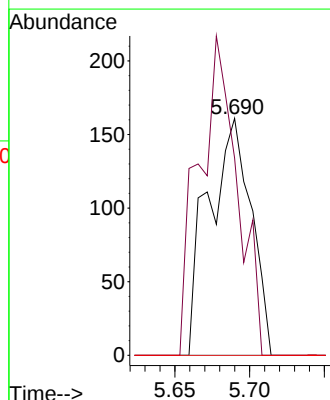
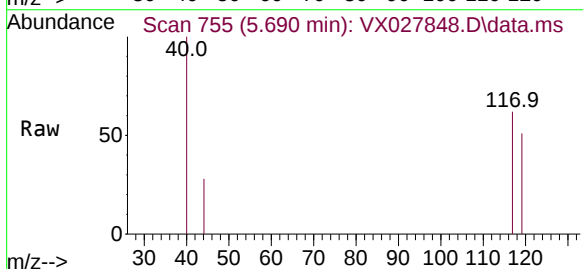
Tgt Ion: 117 Resp: 320

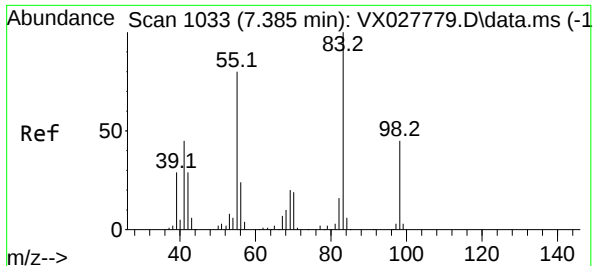
Ion Ratio Lower Upper

117 100

119 83.2 77.3 115.9

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.326 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX027848.D

Acq: 31 Mar 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

DUP02-20220317DL

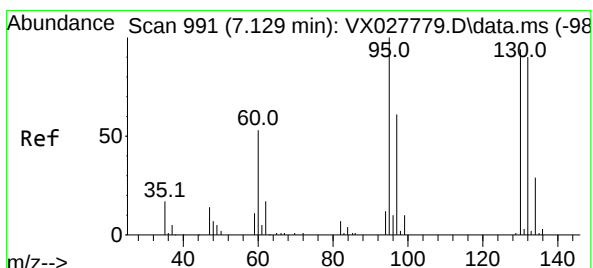
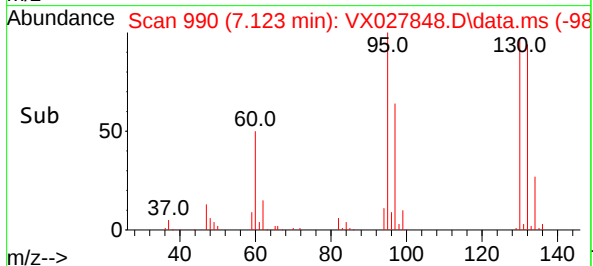
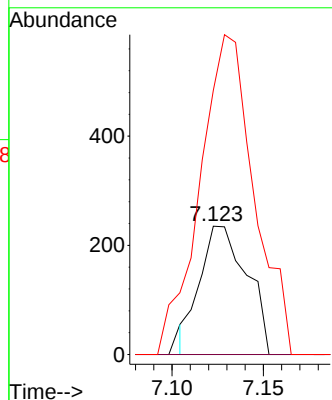
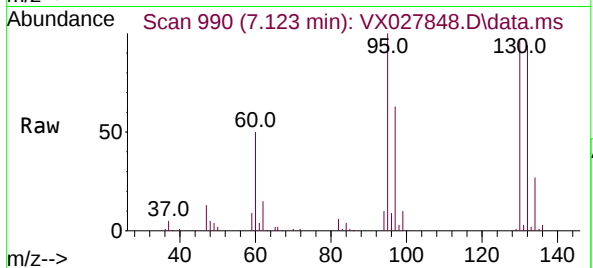
Tgt Ion: 83 Resp: 421

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 157.9 37.4 56.2#



#44

Trichloroethene

Concen: 47.330 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027848.D

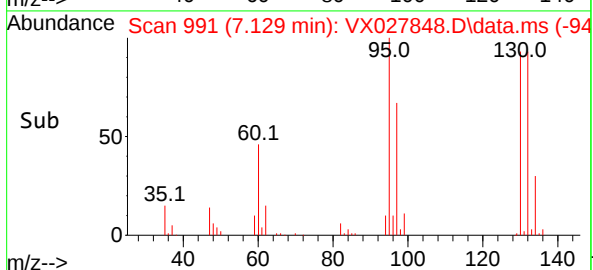
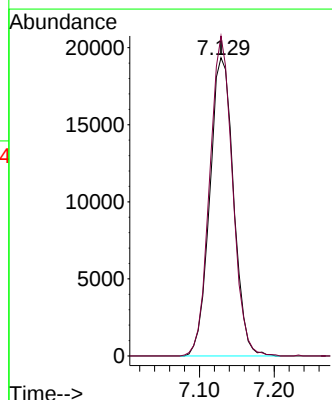
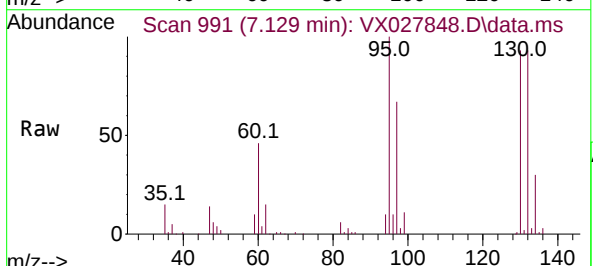
Acq: 31 Mar 2022 15:18

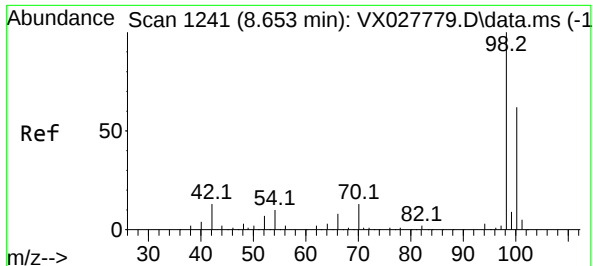
Tgt Ion:130 Resp: 42732

Ion Ratio Lower Upper

130 100

95 107.3 0.0 188.8

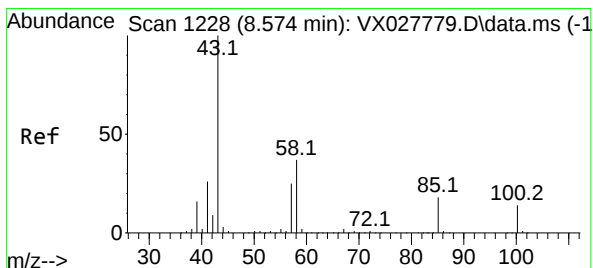
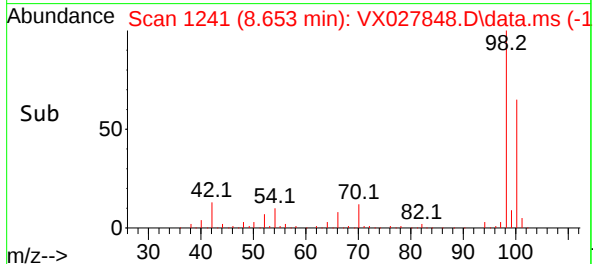
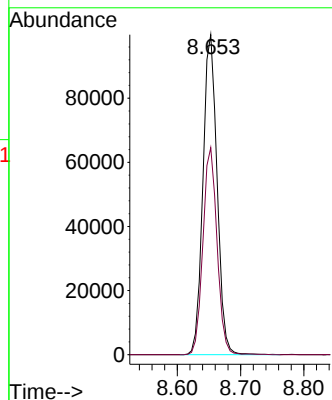
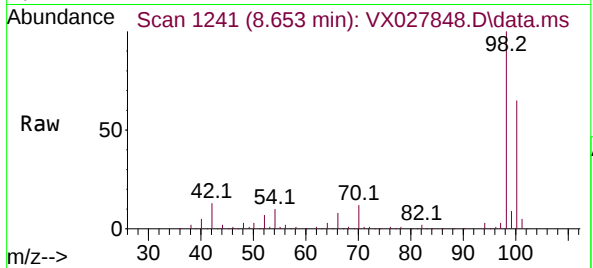




#50
Toluene-d8
Concen: 50.739 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

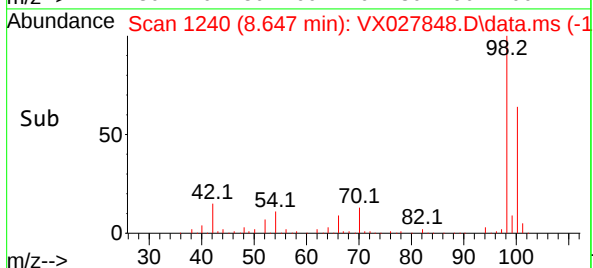
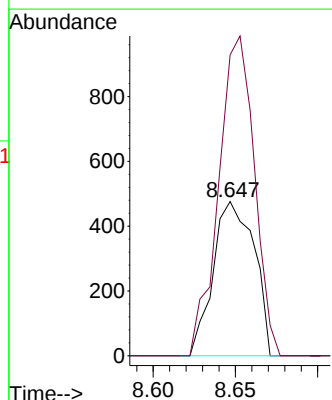
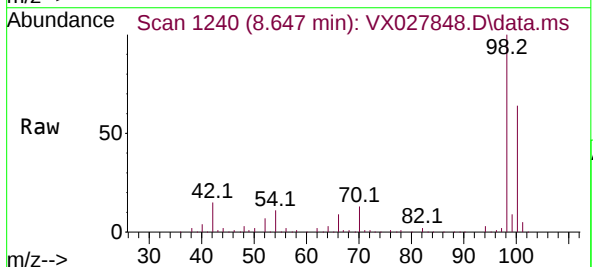
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

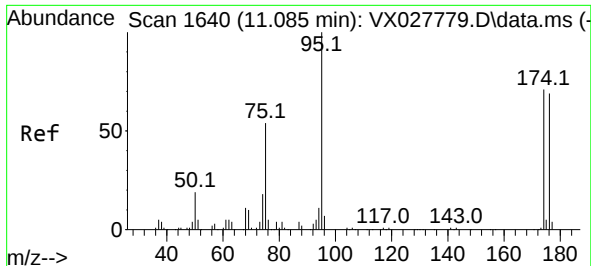
Tgt Ion: 98 Resp: 155388
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
58 181.6 36.1 54.1#

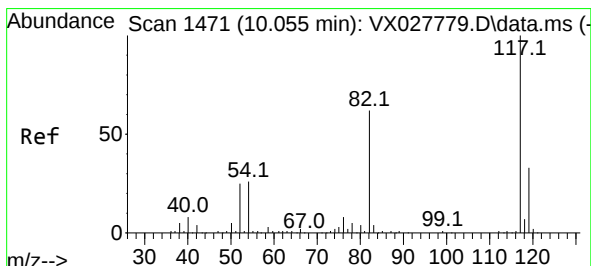
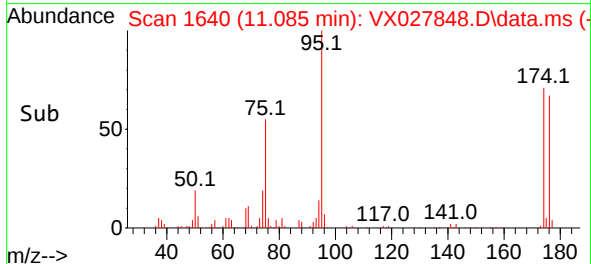
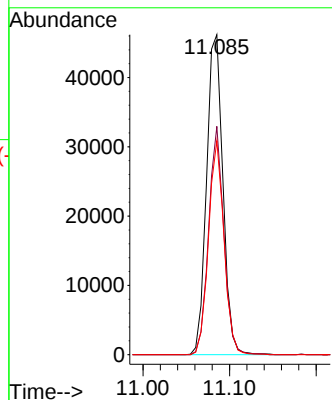
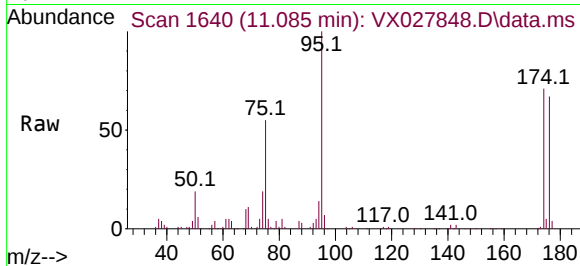




#62
4-Bromofluorobenzene
Concen: 46.439 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

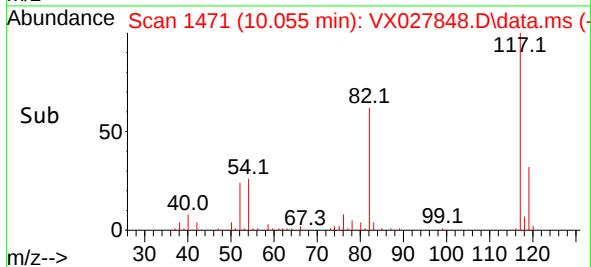
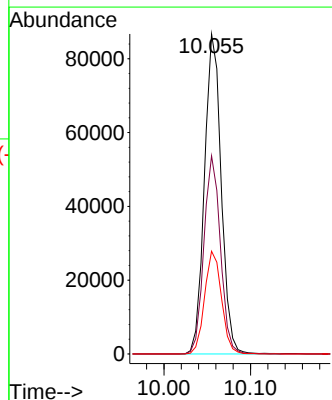
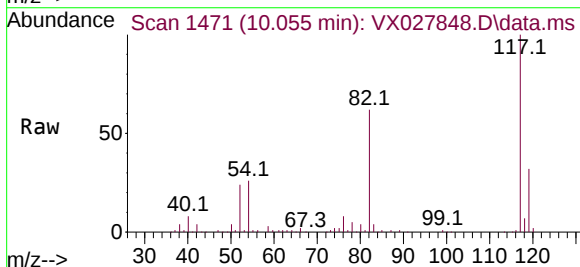
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL

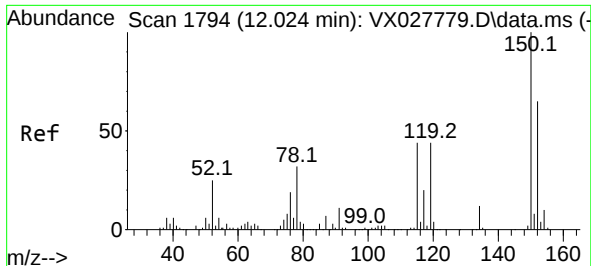
Tgt Ion: 95 Resp: 60437
Ion Ratio Lower Upper
95 100
174 66.5 0.0 163.0
176 63.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Tgt Ion: 117 Resp: 116483
Ion Ratio Lower Upper
117 100
82 61.9 41.8 62.8
119 32.1 24.8 37.2

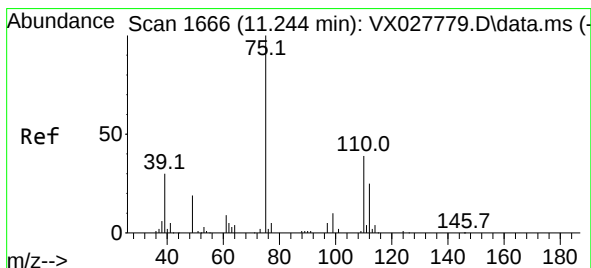
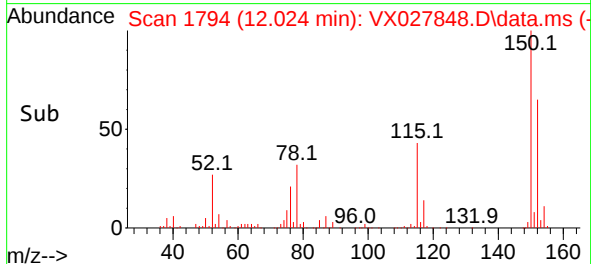
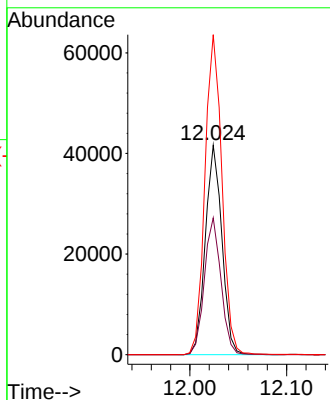
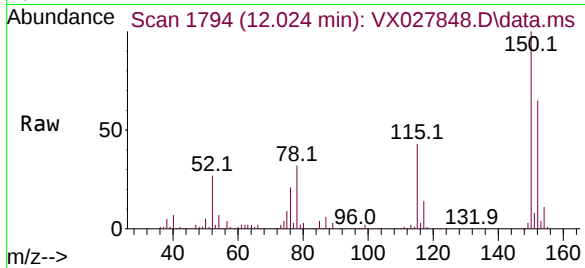




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027848.D
 Acq: 31 Mar 2022 15:18

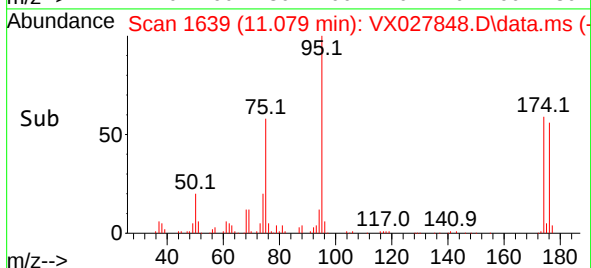
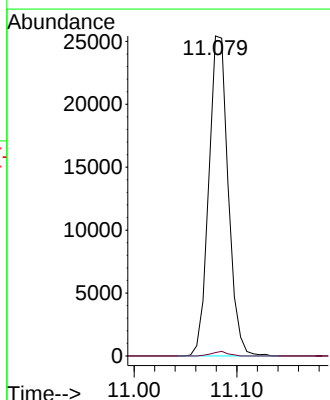
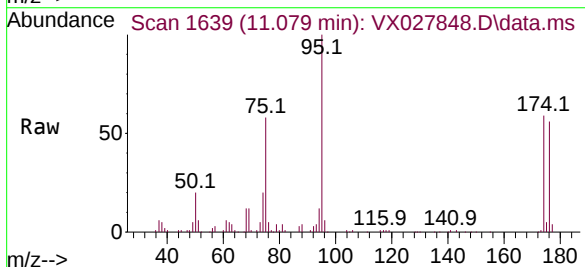
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20220317DL

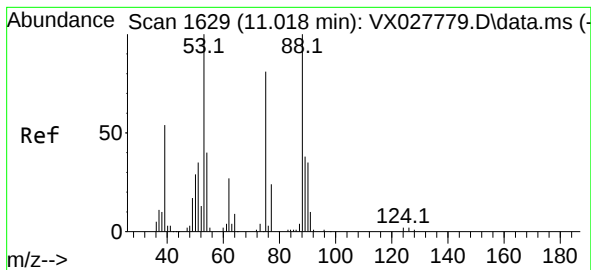
Tgt Ion:152 Resp: 49731
 Ion Ratio Lower Upper
 152 100
 115 65.4 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.629 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027848.D
 Acq: 31 Mar 2022 15:18

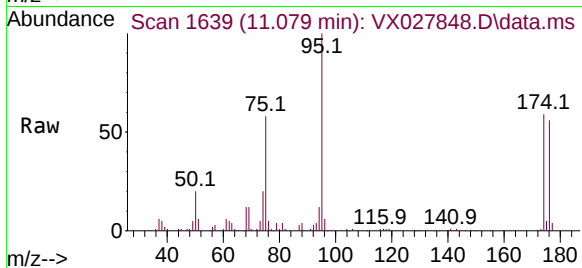
Tgt Ion: 75 Resp: 33399
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.550 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX027848.D
Acq: 31 Mar 2022 15:18

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20220317DL



Tgt Ion: 75 Resp: 33399
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

