

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027859.D
 Acq On : 31 Mar 2022 19:38
 Operator : JC/MD
 Sample : N2074-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220319

Quant Time: Apr 01 04:11:30 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)

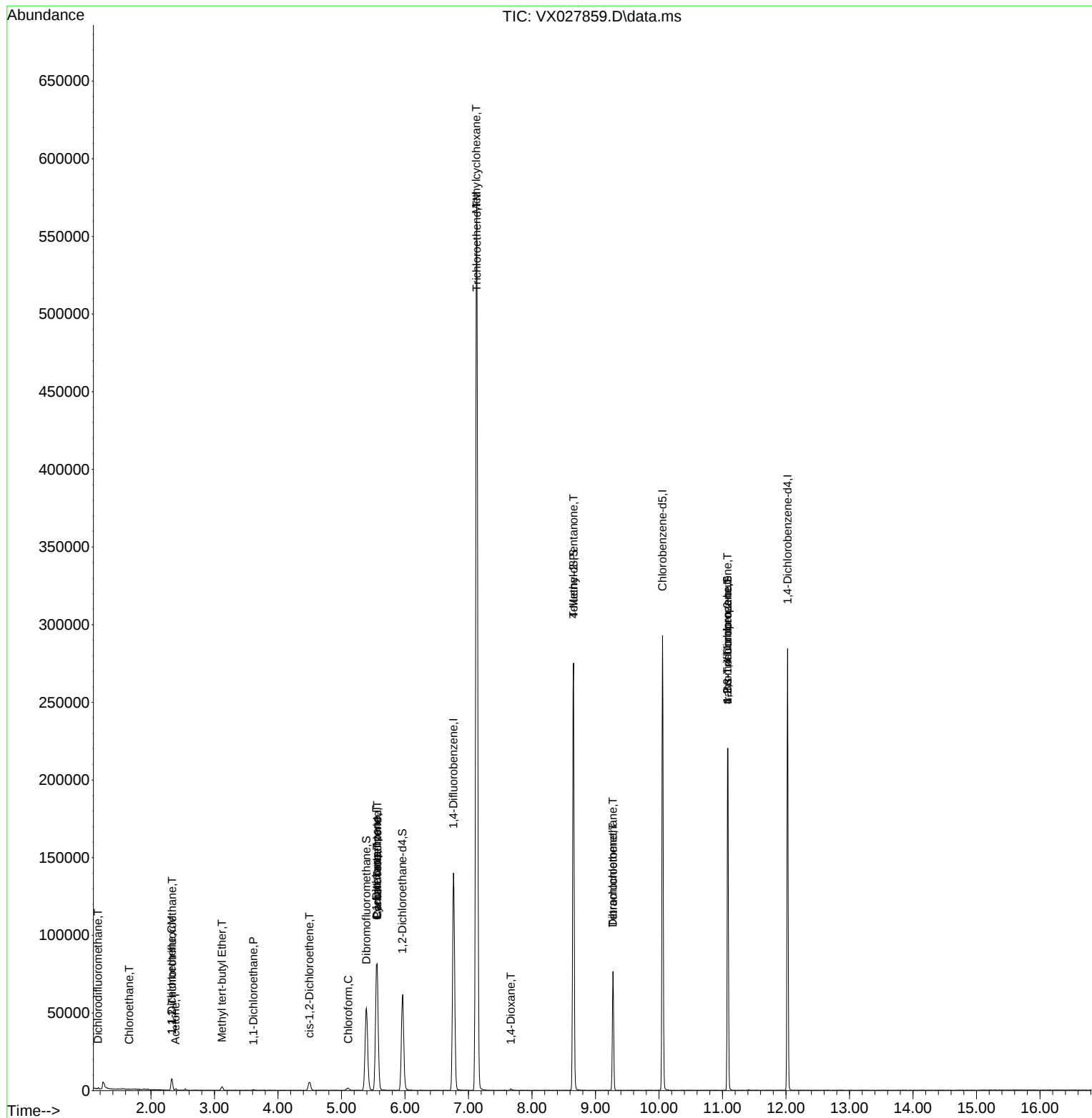
Internal Standards						
1) Pentafluorobenzene	5.562	168	72943	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	132834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62515	66.423	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 132.840%	
35) Dibromofluoromethane	5.391	113	45444	53.001	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.000%	
50) Toluene-d8	8.653	98	158653	52.591	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.180%	
62) 4-Bromofluorobenzene	11.079	95	60745	47.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.760%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	212	0.321	ug/l	98
6) Chloroethane	1.654	64	135	0.334	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2581	3.779	ug/l	96
12) 1,1-Dichloroethene	2.325	96	643	1.026	ug/l	# 67
16) Acetone	2.386	43	506	1.215	ug/l	# 77
19) Methyl tert-butyl Ether	3.117	73	2492	1.044	ug/l	95
24) 1,1-Dichloroethane	3.611	63	676	0.521	ug/l	# 81
27) cis-1,2-Dichloroethene	4.495	96	3537	4.312	ug/l	94
30) Chloroform	5.105	83	1926	1.336	ug/l	# 79
31) Cyclohexane	5.556	56	1870	1.797	ug/l	# 33
36) 1,1-Dichloropropene	5.550	75	6663	6.170	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	8114	6.801	ug/l	# 16
39) Methylcyclohexane	7.123	83	2844	2.238	ug/l	# 1
44) Trichloroethene	7.129	130	207182	232.952	ug/l	88
49) 1,4-Dioxane	7.665	88	649	29.236	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	799	0.537	ug/l	# 1
60) Dibromochloromethane	9.275	129	13237	13.963	ug/l	# 9
64) Tetrachloroethene	9.275	164	12521	15.286	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	34397	28.389	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34397	82.878	ug/l	# 15

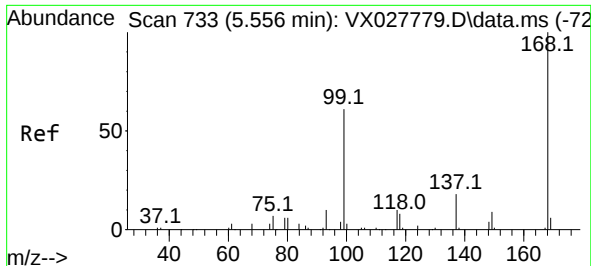
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
Data File : VX027859.D
Acq On : 31 Mar 2022 19:38
Operator : JC/MD
Sample : N2074-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

Quant Time: Apr 01 04:11:30 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

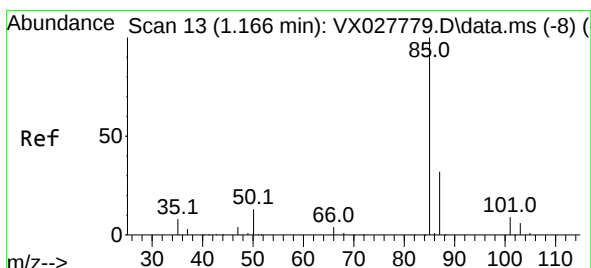
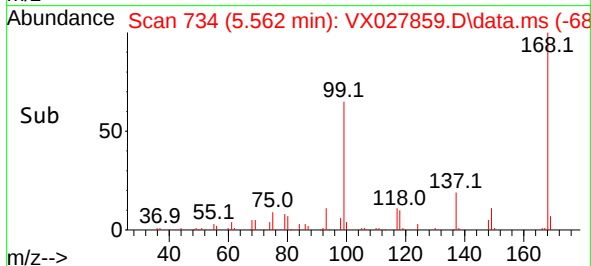
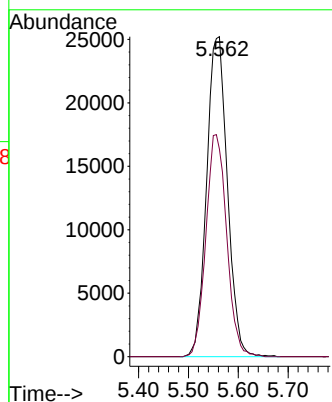
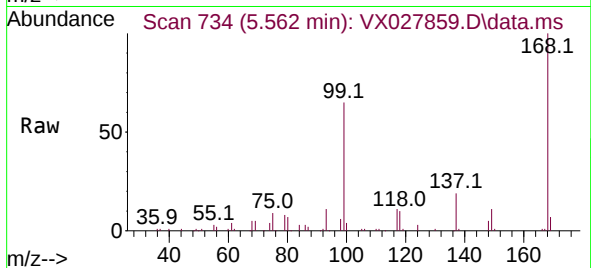




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

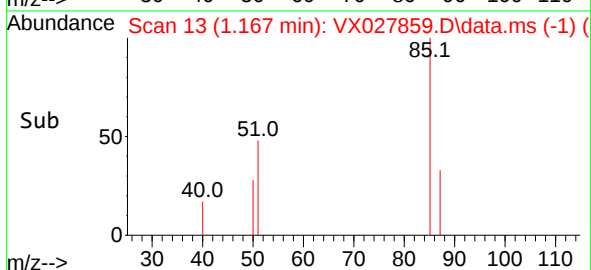
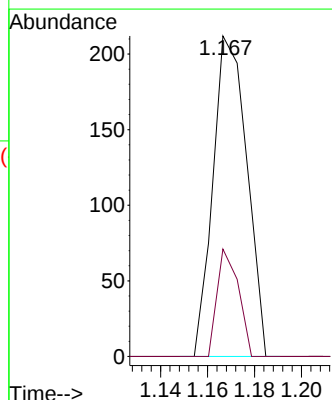
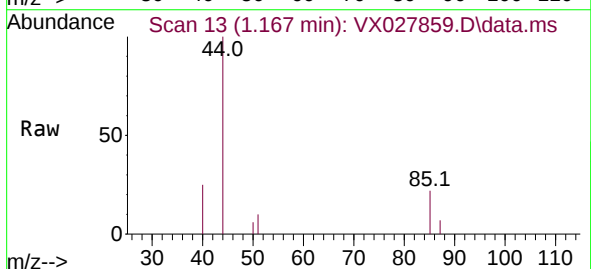
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

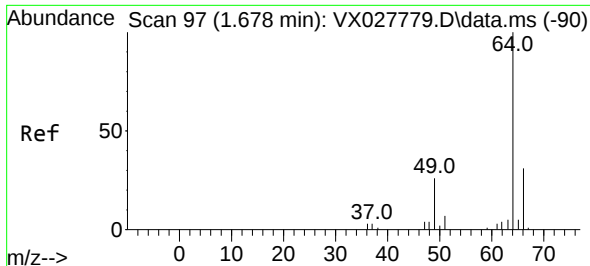
Tgt Ion:168 Resp: 72943
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 0.321 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 85 Resp: 212
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.6

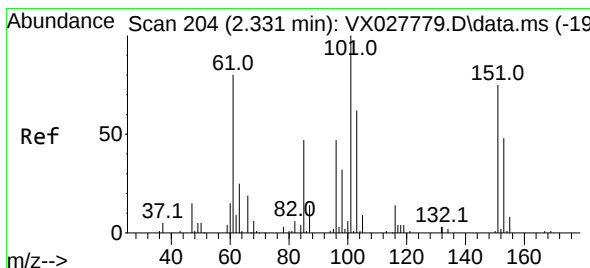
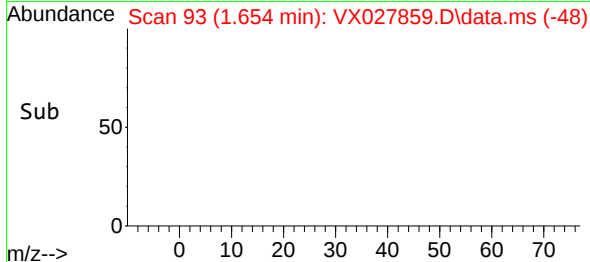
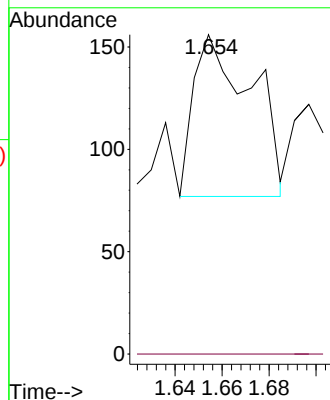
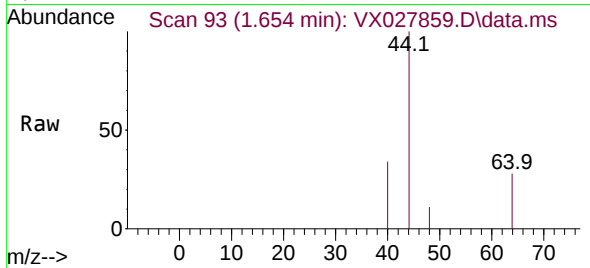




#6
Chloroethane
Concen: 0.334 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

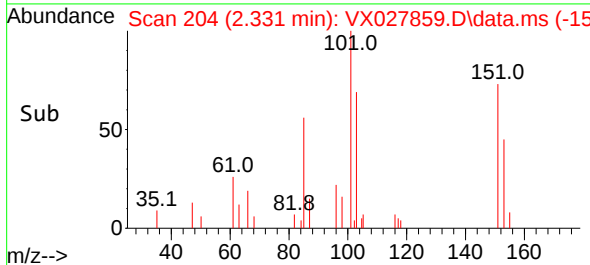
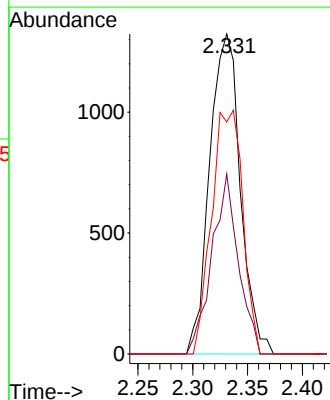
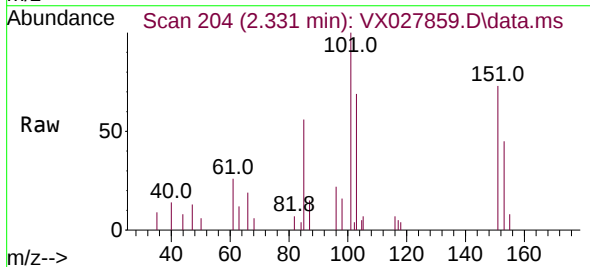
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

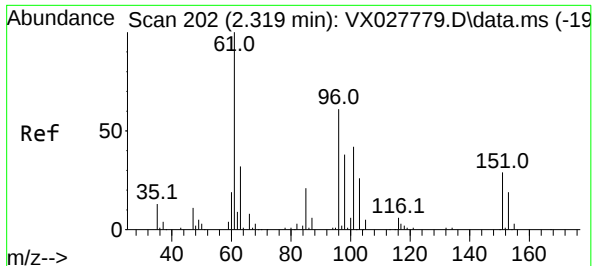
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.779 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 101 Resp: 2581
Ion Ratio Lower Upper
101 100
85 48.4 33.5 50.3
151 77.2 61.8 92.6





#12

1,1-Dichloroethene

Concen: 1.026 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220319

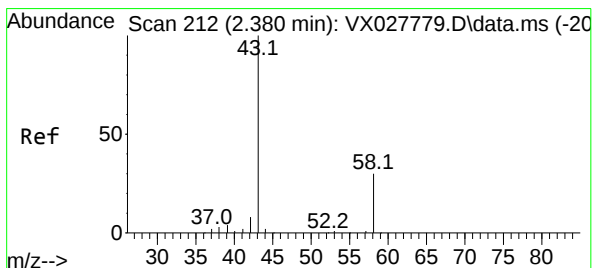
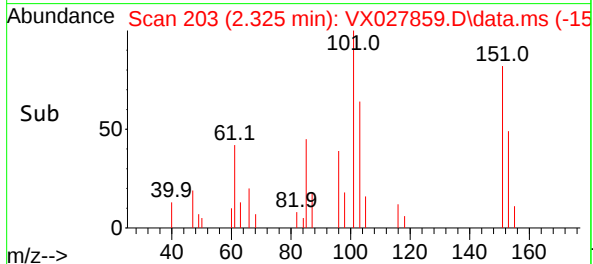
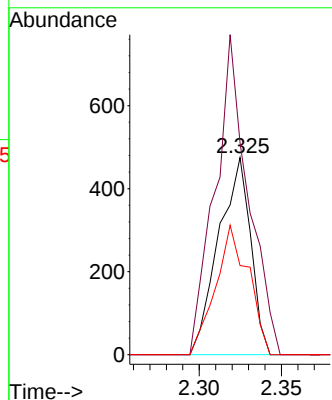
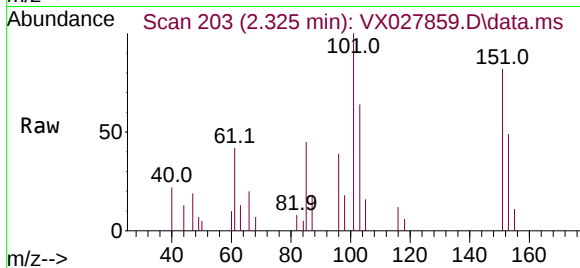
Tgt Ion: 96 Resp: 643

Ion Ratio Lower Upper

96 100

61 107.6 124.6 187.0#

98 45.3 51.0 76.4#



#16

Acetone

Concen: 1.215 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027859.D

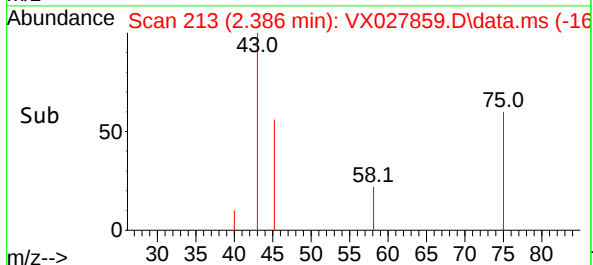
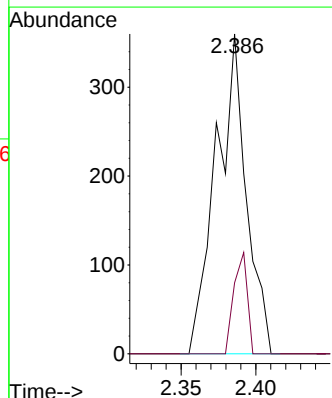
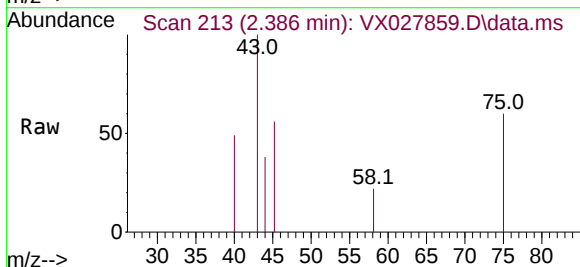
Acq: 31 Mar 2022 19:38

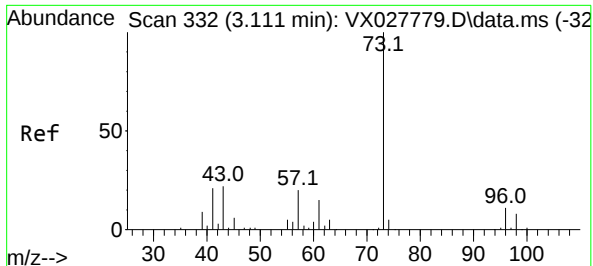
Tgt Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 22.2 28.8 43.2#

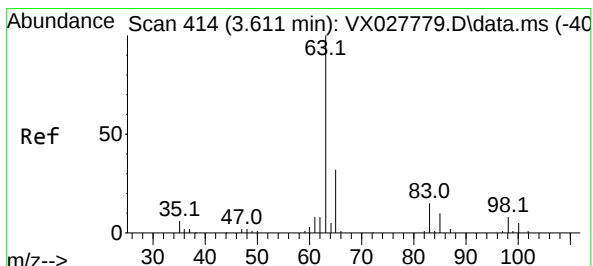
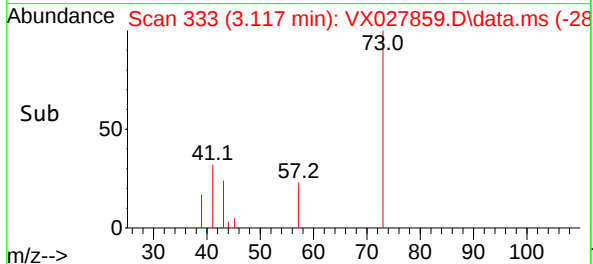
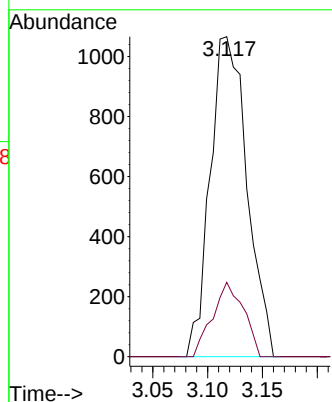
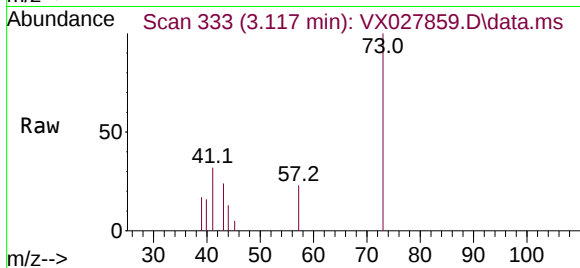




#19
Methyl tert-butyl Ether
Concen: 1.044 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

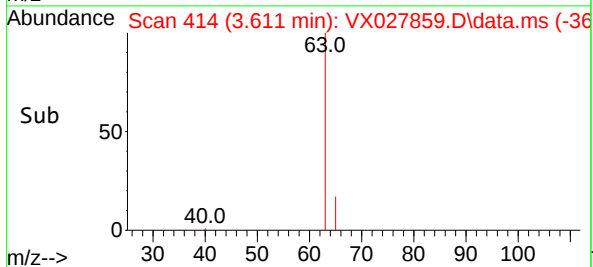
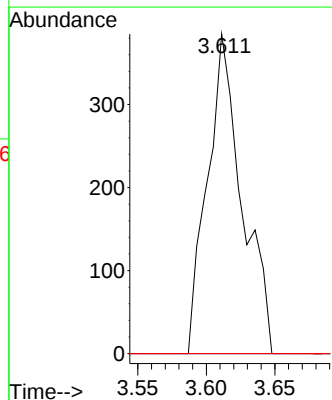
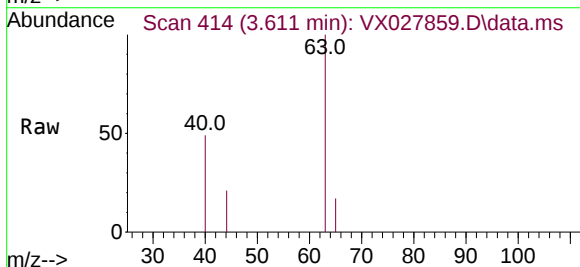
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

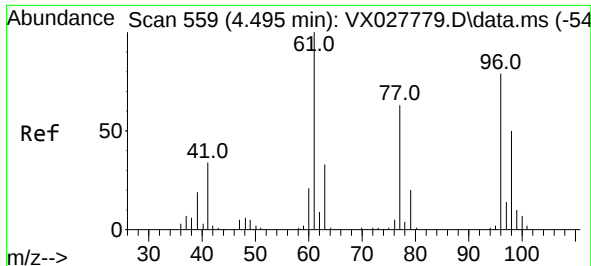
Tgt Ion: 73 Resp: 2492
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2



#24
1,1-Dichloroethane
Concen: 0.521 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 63 Resp: 676
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 4.312 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220319

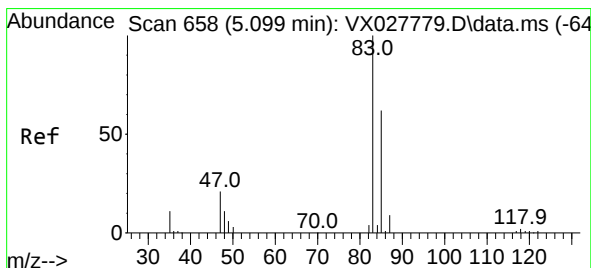
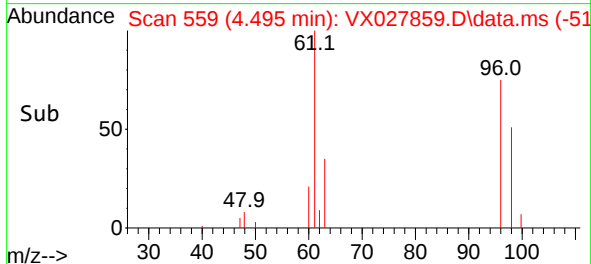
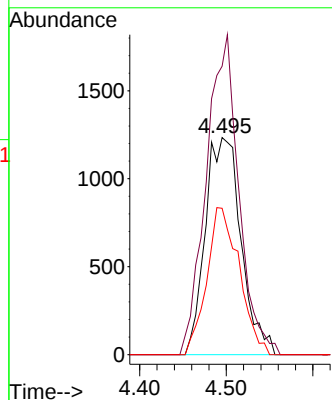
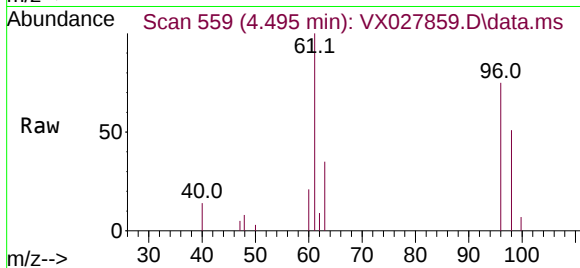
Tgt Ion: 96 Resp: 3537

Ion Ratio Lower Upper

96 100

61 134.4 0.0 283.8

98 61.7 0.0 129.8



#30

Chloroform

Concen: 1.336 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX027859.D

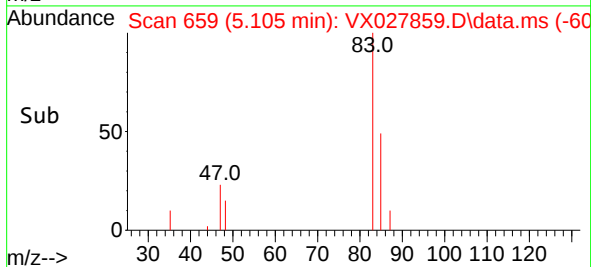
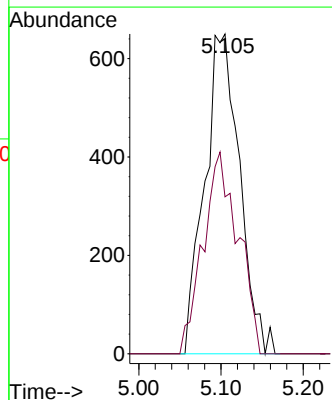
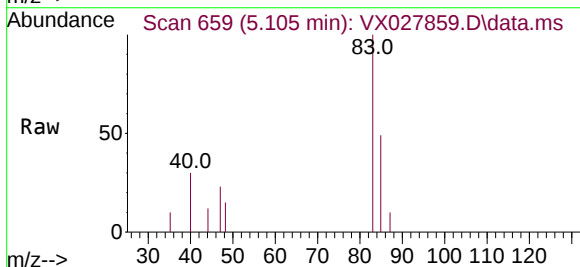
Acq: 31 Mar 2022 19:38

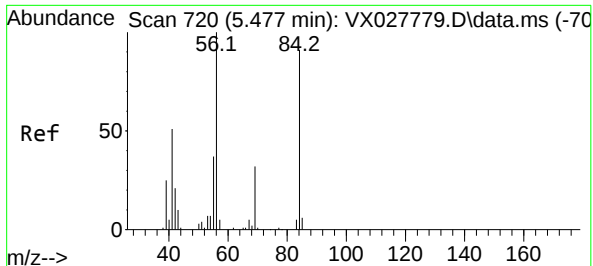
Tgt Ion: 83 Resp: 1926

Ion Ratio Lower Upper

83 100

85 49.1 52.7 79.1#

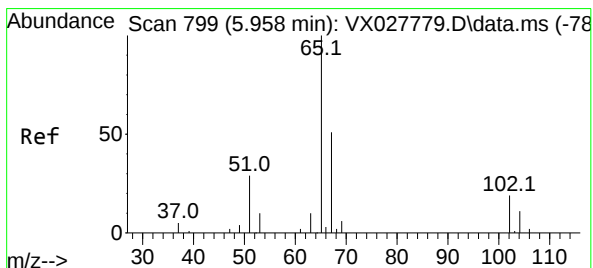
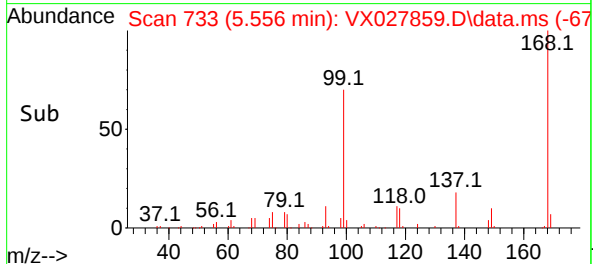
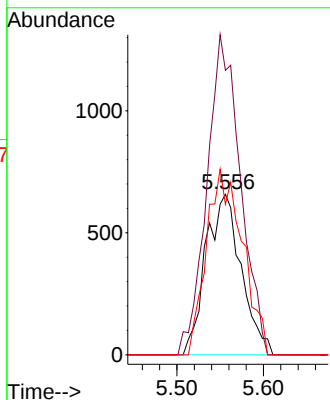
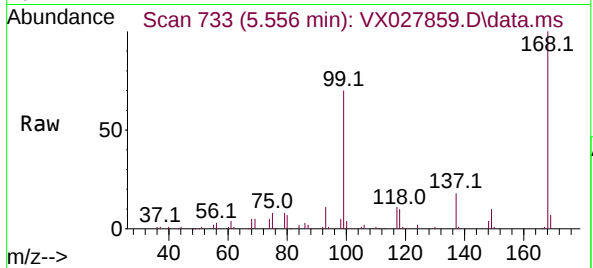




#31
Cyclohexane
Concen: 1.797 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

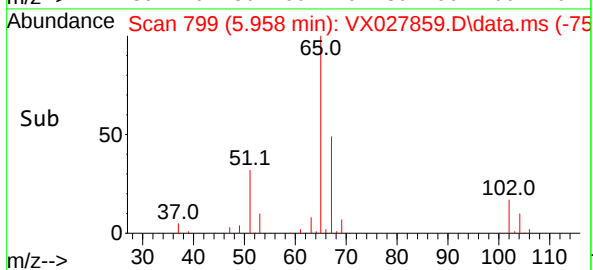
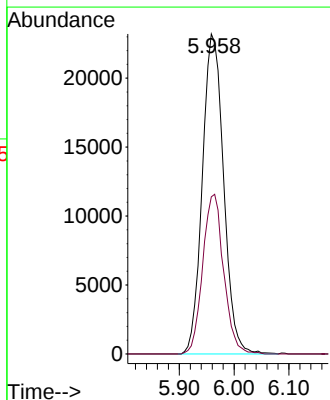
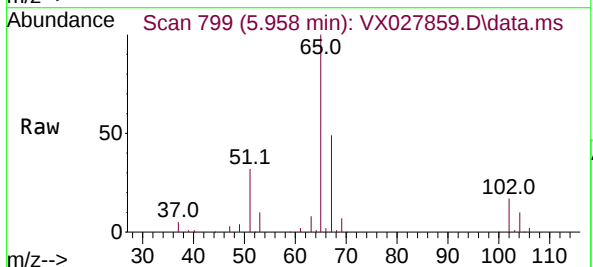
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

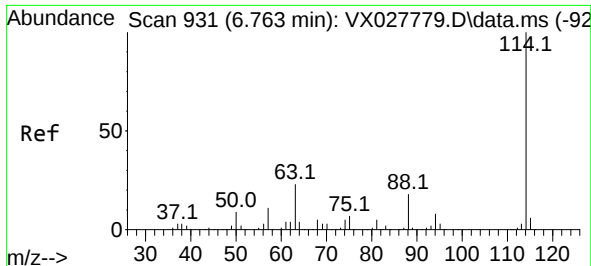
Tgt Ion: 56 Resp: 1870
Ion Ratio Lower Upper
56 100
69 177.2 26.7 40.1#
84 93.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 66.423 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 65 Resp: 62515
Ion Ratio Lower Upper
65 100
67 49.1 0.0 107.4

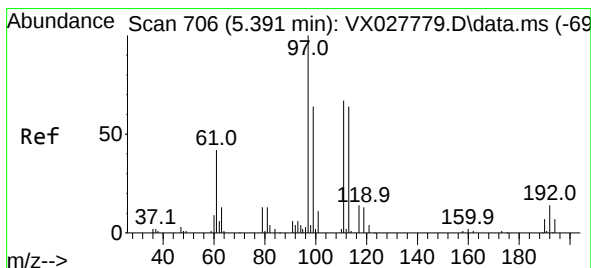
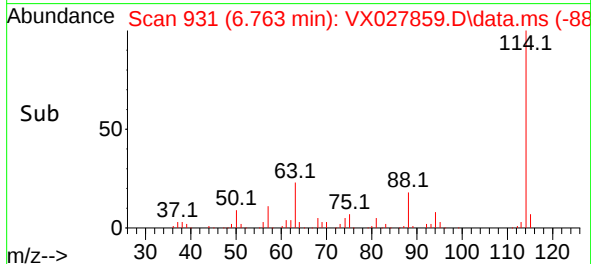
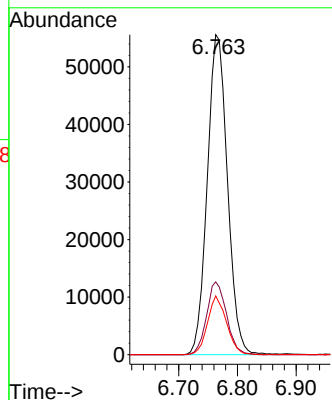
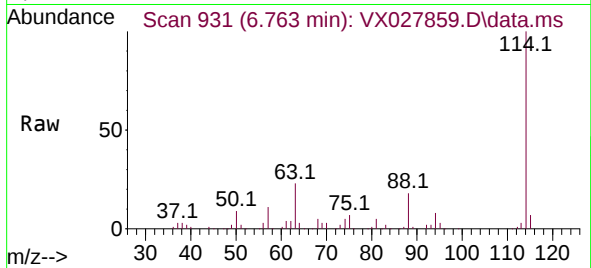




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

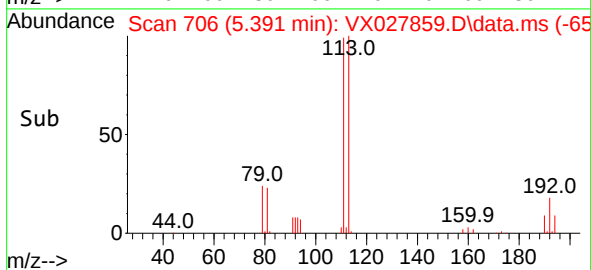
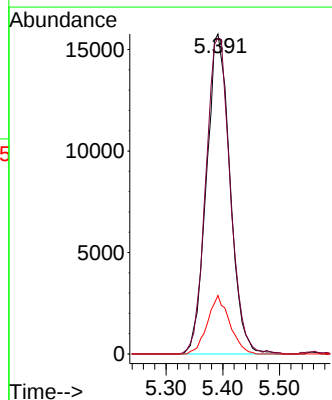
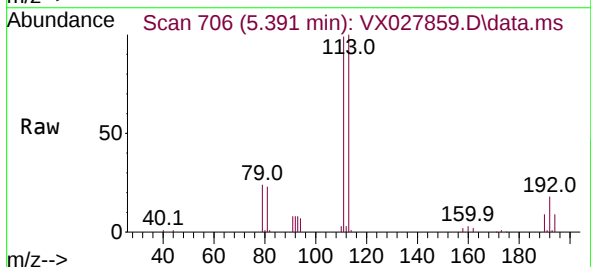
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

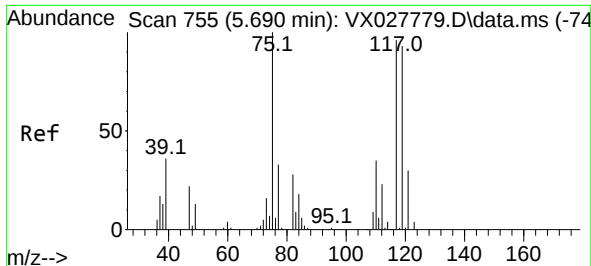
Tgt Ion:114 Resp: 132834
Ion Ratio Lower Upper
114 100
63 22.8 0.0 36.8
88 18.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.001 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion:113 Resp: 45444
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 17.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.170 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220319

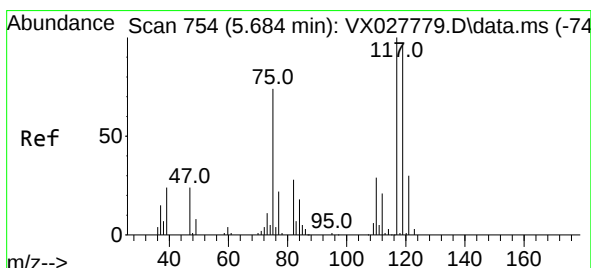
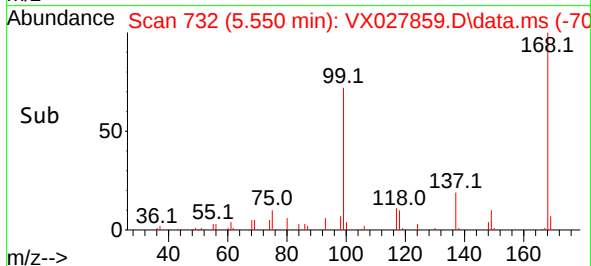
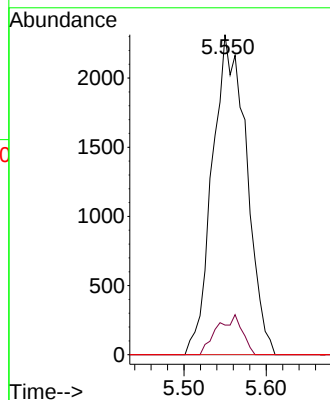
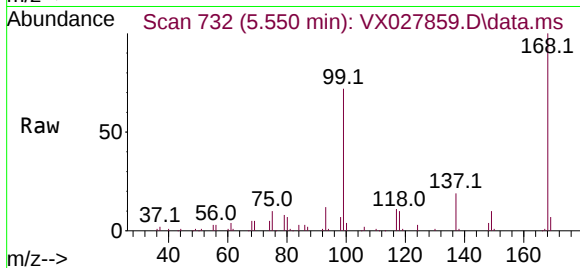
Tgt Ion: 75 Resp: 6663

Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.801 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

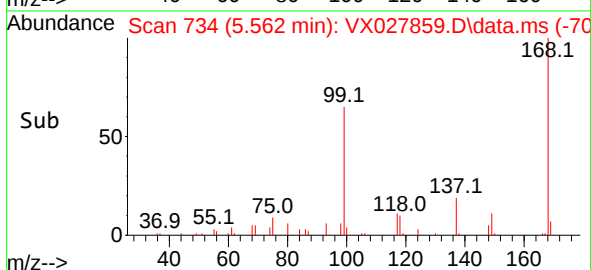
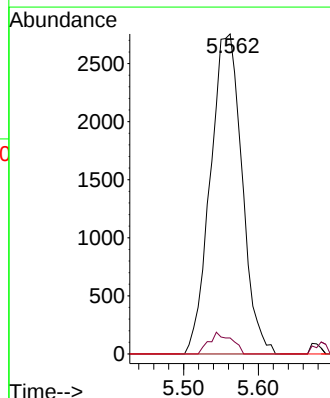
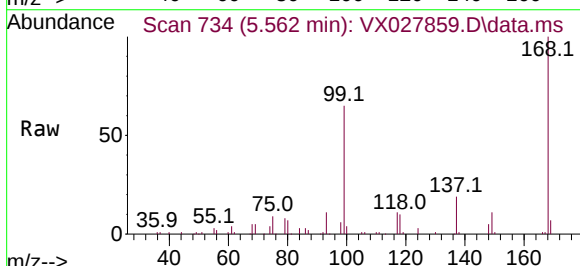
Tgt Ion: 117 Resp: 8114

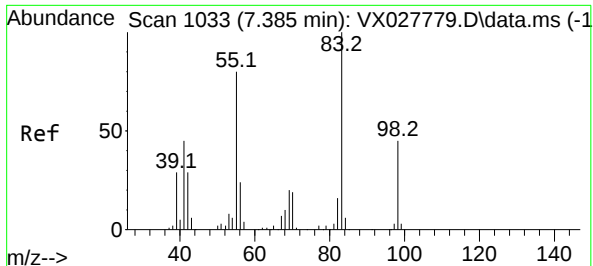
Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.238 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220319

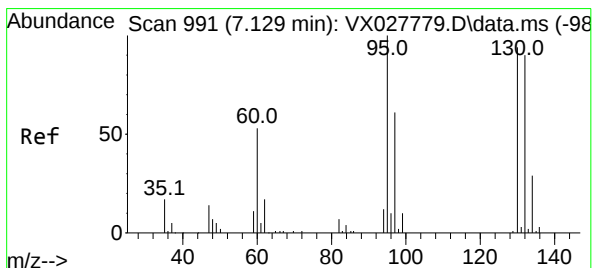
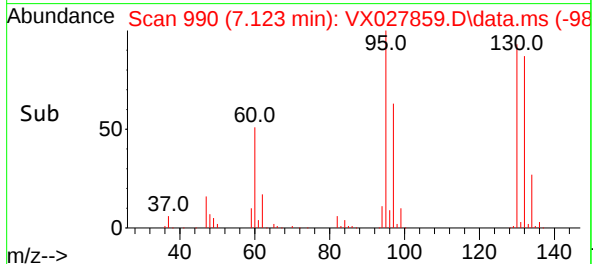
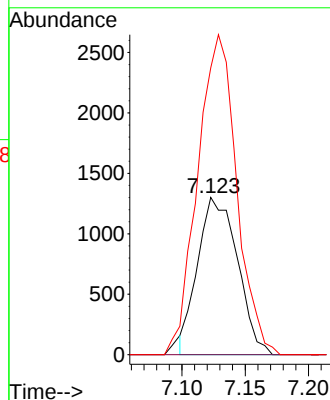
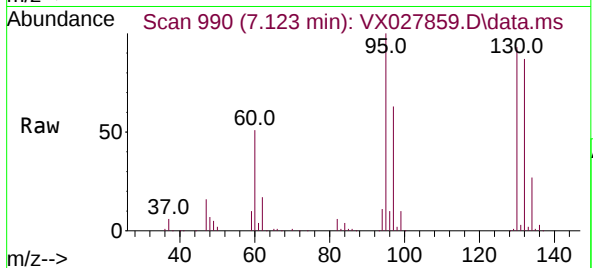
Tgt Ion: 83 Resp: 2844

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 182.4 37.4 56.2#



#44

Trichloroethene

Concen: 232.952 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027859.D

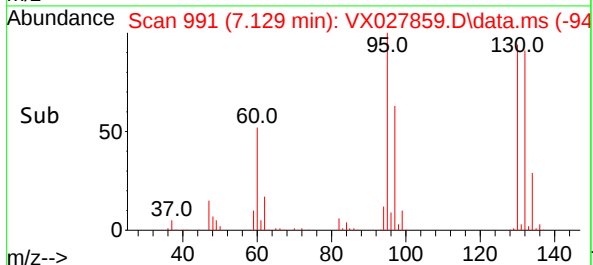
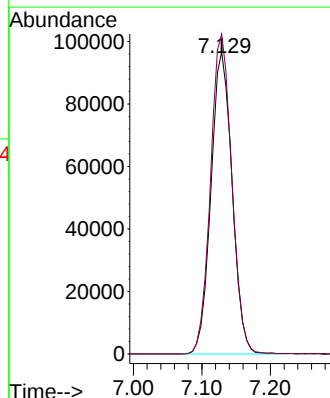
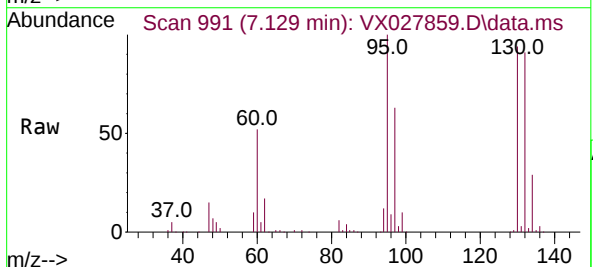
Acq: 31 Mar 2022 19:38

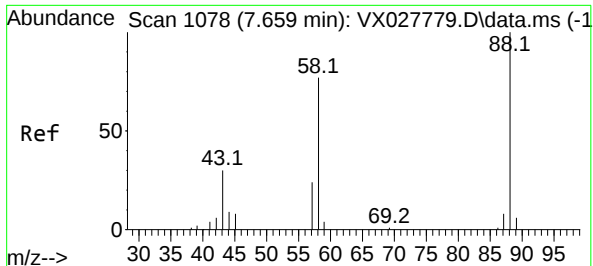
Tgt Ion:130 Resp: 207182

Ion Ratio Lower Upper

130 100

95 105.9 0.0 188.8





#49

1,4-Dioxane

Concen: 29.236 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX027859.D

Acq: 31 Mar 2022 19:38

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220319

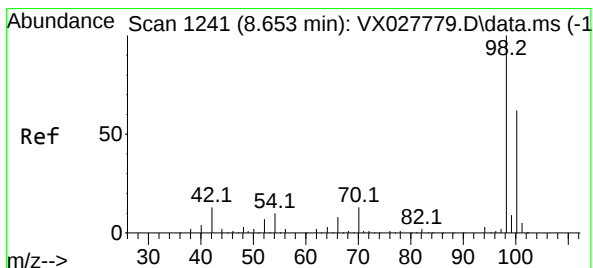
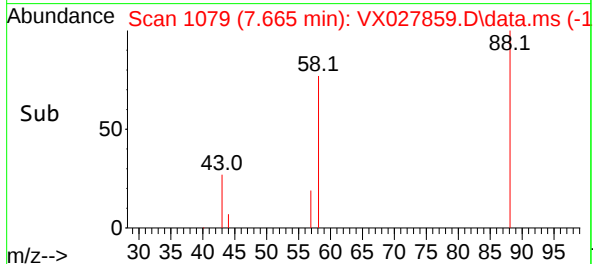
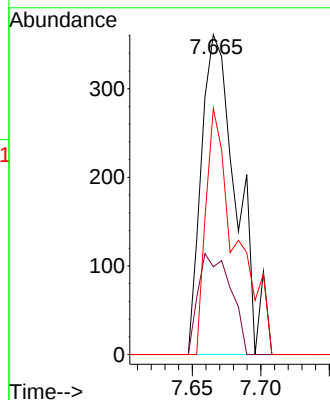
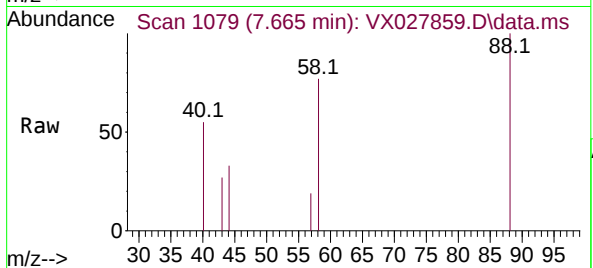
Tgt Ion: 88 Resp: 649

Ion Ratio Lower Upper

88 100

43 28.8 21.9 32.9

58 66.3 53.7 80.5



#50

Toluene-d8

Concen: 52.591 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027859.D

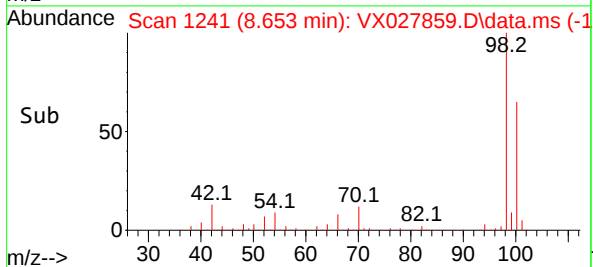
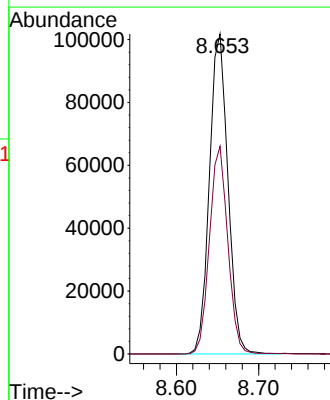
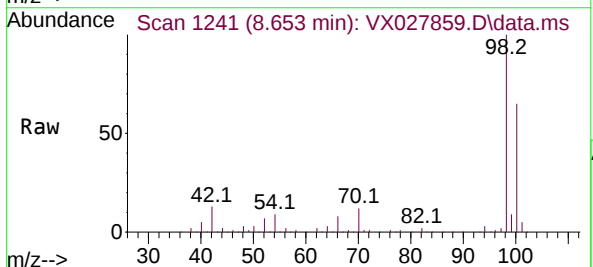
Acq: 31 Mar 2022 19:38

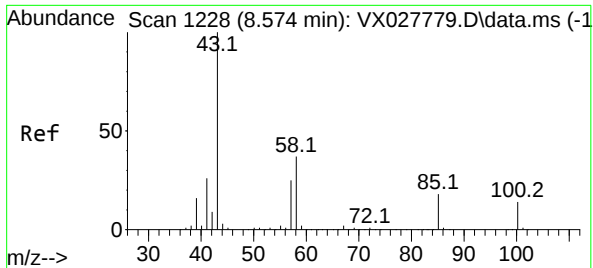
Tgt Ion: 98 Resp: 158653

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

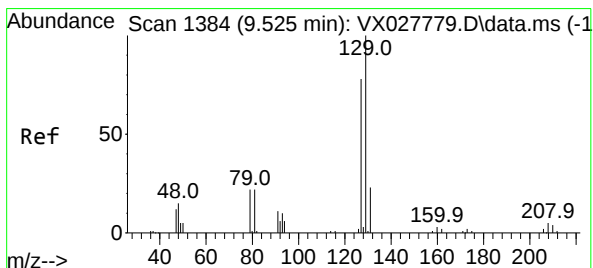
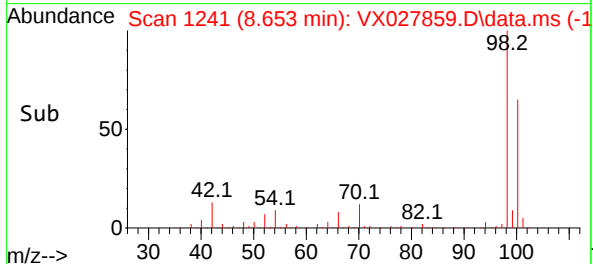
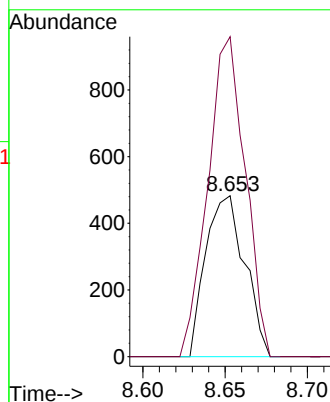
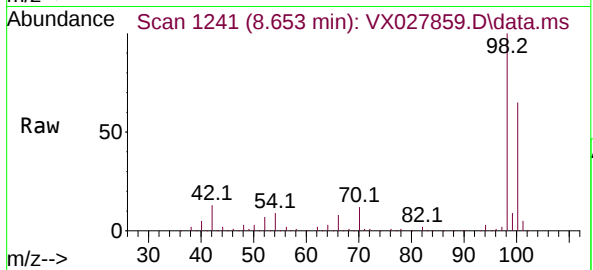




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

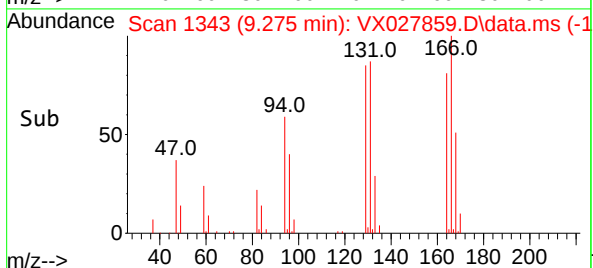
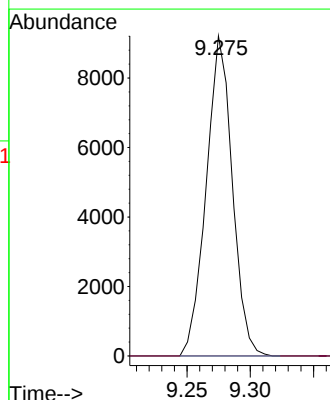
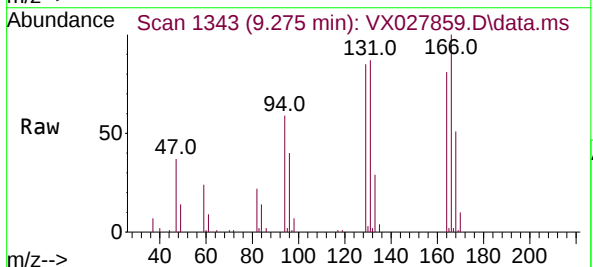
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

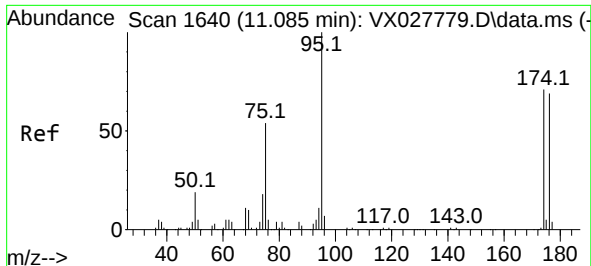
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 190.1 36.1 54.1#



#60
Dibromochloromethane
Concen: 13.963 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 129 Resp: 13237
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

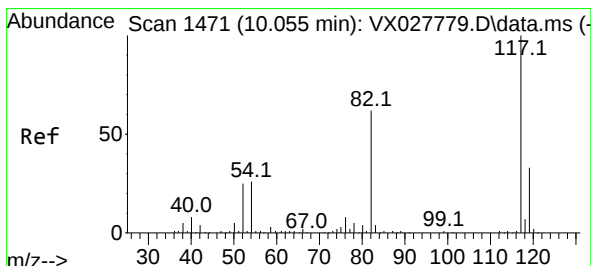
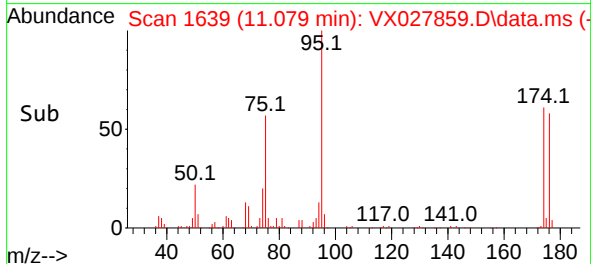
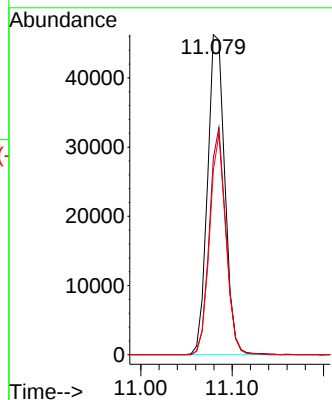
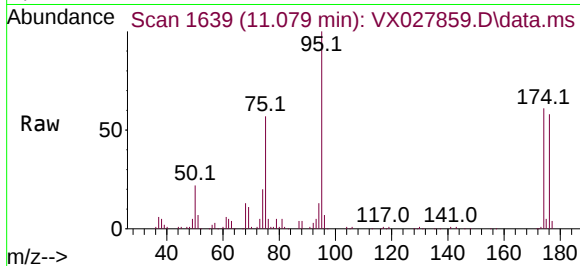




#62
4-Bromofluorobenzene
Concen: 47.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

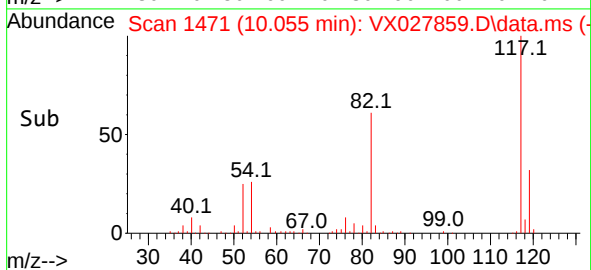
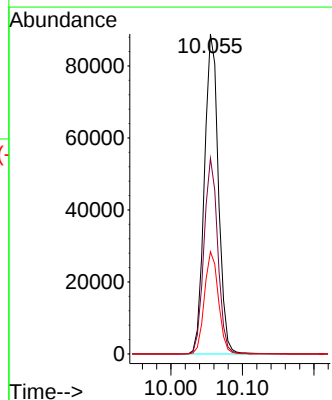
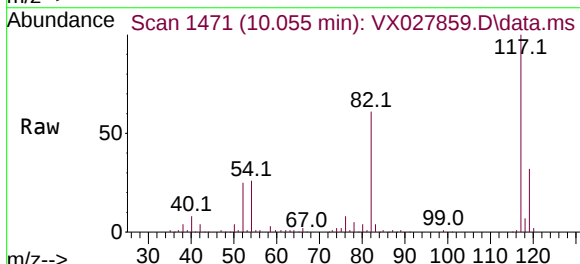
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

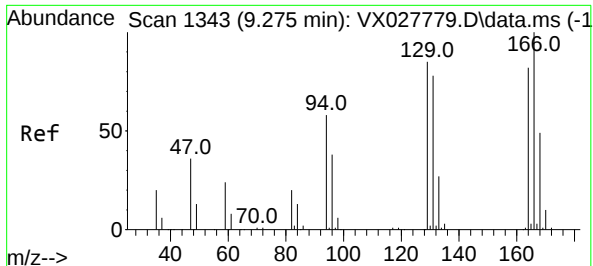
Tgt Ion: 95 Resp: 60745
Ion Ratio Lower Upper
95 100
174 67.5 0.0 163.0
176 64.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 117 Resp: 120805
Ion Ratio Lower Upper
117 100
82 61.1 41.8 62.8
119 32.0 24.8 37.2

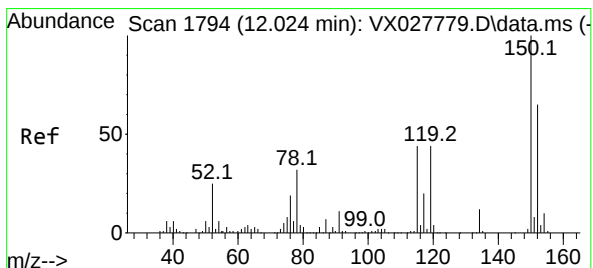
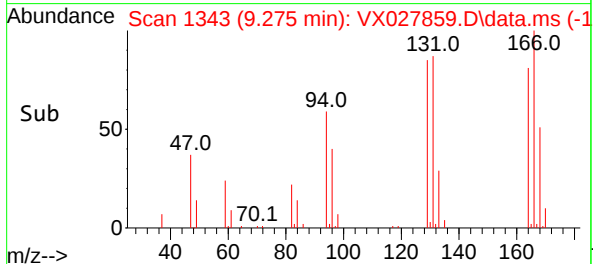
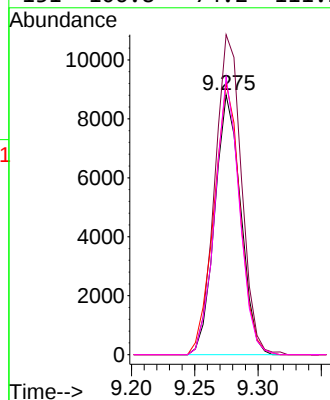
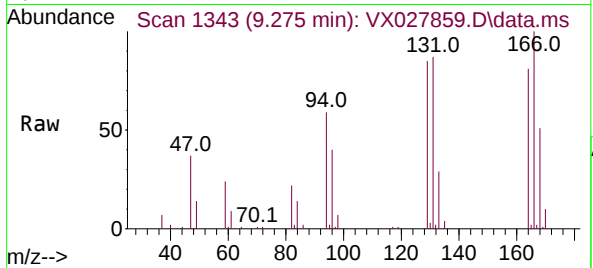




#64
Tetrachloroethene
Concen: 15.286 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

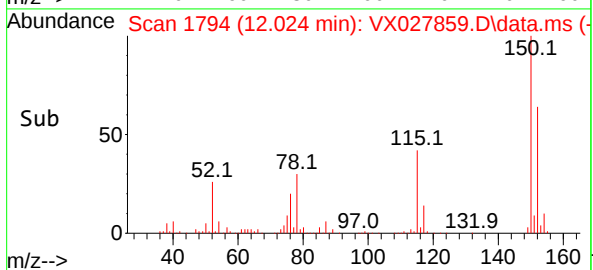
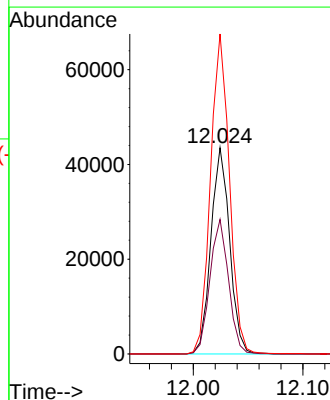
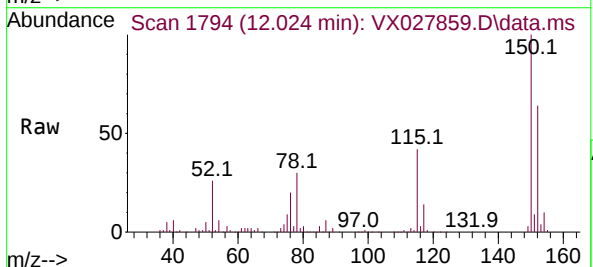
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

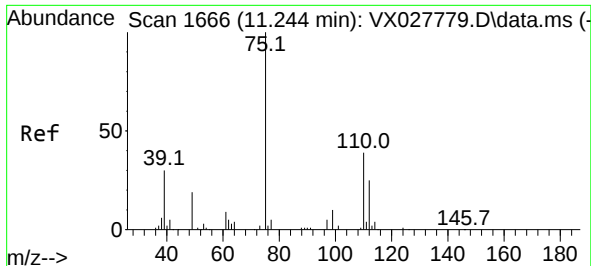
Tgt Ion:164 Resp: 12521
Ion Ratio Lower Upper
164 100
166 123.1 101.2 151.8
129 104.5 73.0 109.4
131 106.8 74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion:152 Resp: 51651
Ion Ratio Lower Upper
152 100
115 64.9 37.5 112.7
150 156.9 0.0 338.2

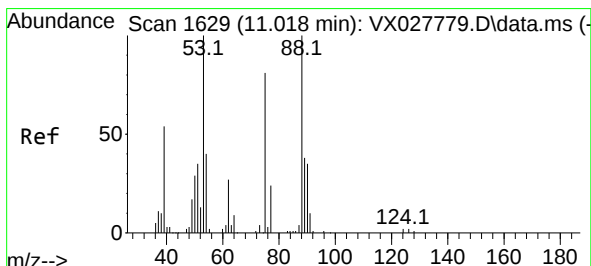
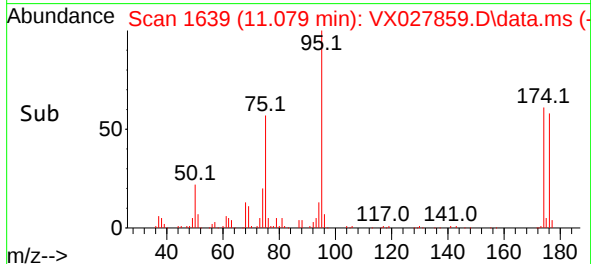
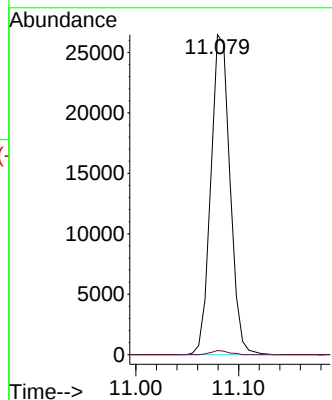
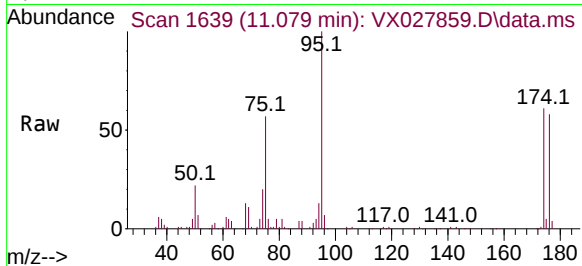




#76
1,2,3-Trichloropropane
Concen: 28.389 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220319

Tgt Ion: 75 Resp: 34397
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027859.D
Acq: 31 Mar 2022 19:38

Tgt Ion: 75 Resp: 34397
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

