

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027806.D
 Acq On : 30 Mar 2022 13:30
 Operator : JC/MD
 Sample : N2041-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220317

Quant Time: Mar 31 05:48:07 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)

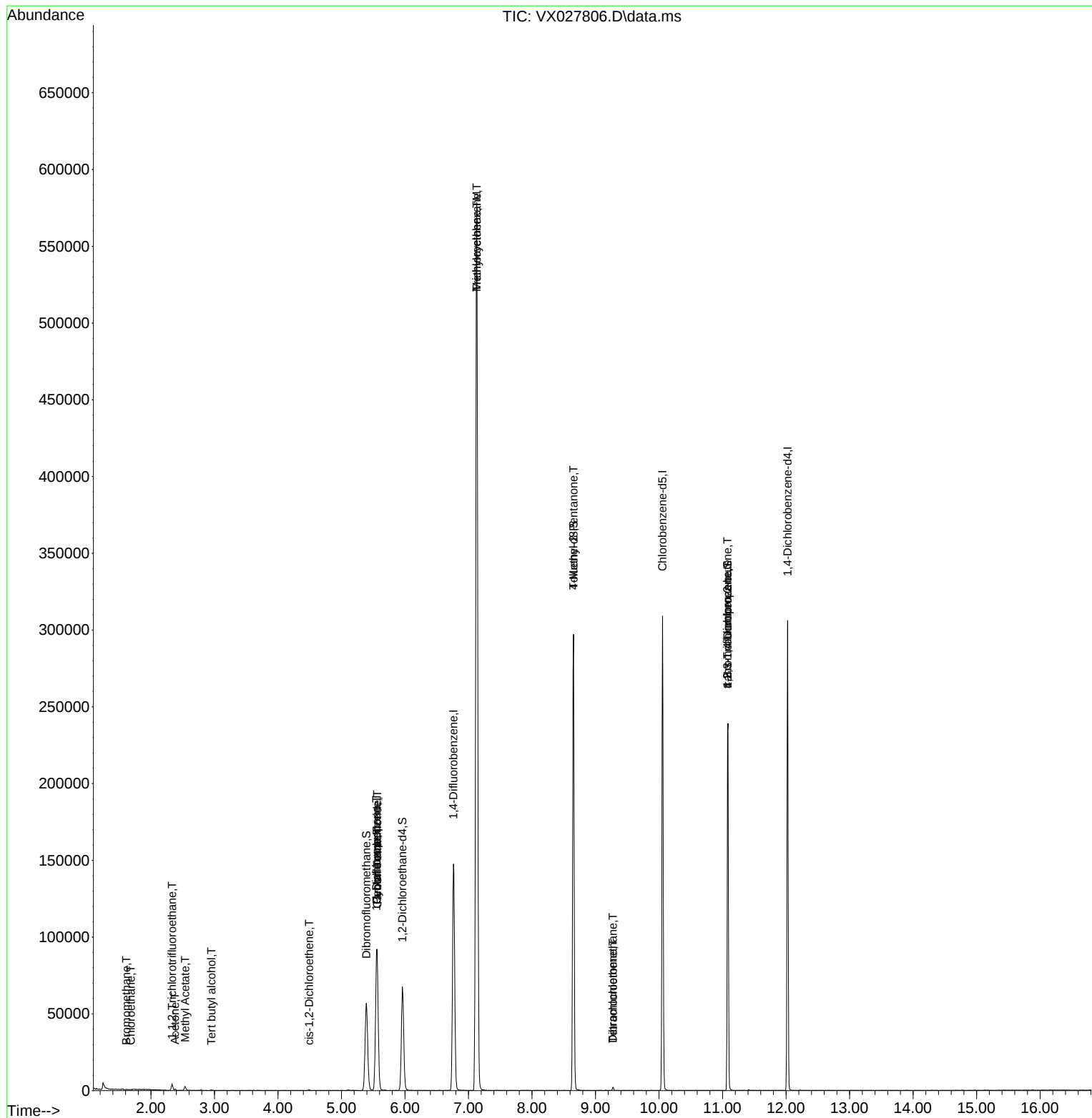
Internal Standards						
1) Pentafluorobenzene	5.556	168	78554	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125521	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67630	66.725	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	133.460%
35) Dibromofluoromethane	5.391	113	47999	53.295	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.580%
50) Toluene-d8	8.653	98	166342	52.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.980%
62) 4-Bromofluorobenzene	11.079	95	65745	48.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.640%
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	78	0.268	ug/l	93
6) Chloroethane	1.684	64	104	0.239	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1472	2.001	ug/l	90
11) Tert butyl alcohol	2.952	59	125	0.642	ug/l #	72
16) Acetone	2.379	43	921	2.053	ug/l	96
18) Methyl Acetate	2.538	43	850	0.769	ug/l #	46
27) cis-1,2-Dichloroethene	4.489	96	210	0.238	ug/l	85
31) Cyclohexane	5.556	56	2039	1.820	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	7322	6.455	ug/l #	51
38) Carbon Tetrachloride	5.562	117	9138	7.292	ug/l #	14
39) Methylcyclohexane	7.128	83	2792	2.092	ug/l #	1
44) Trichloroethene	7.128	130	205844	220.340	ug/l	86
51) 4-Methyl-2-Pentanone	8.653	43	825	0.528	ug/l #	1
60) Dibromochloromethane	9.274	129	342	0.343	ug/l #	9
64) Tetrachloroethene	9.274	164	391	0.459	ug/l #	84
76) 1,2,3-Trichloropropane	11.079	75	37164	29.460	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	37164	85.873	ug/l #	15

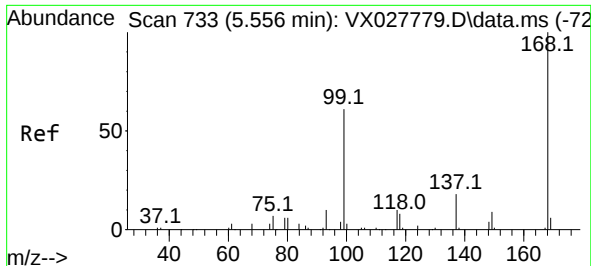
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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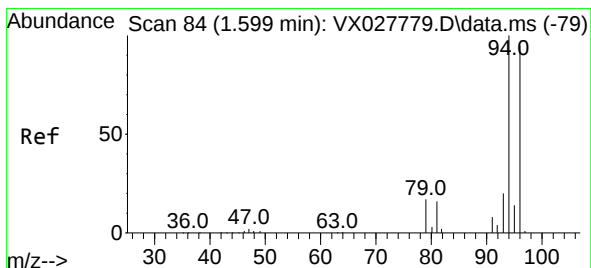
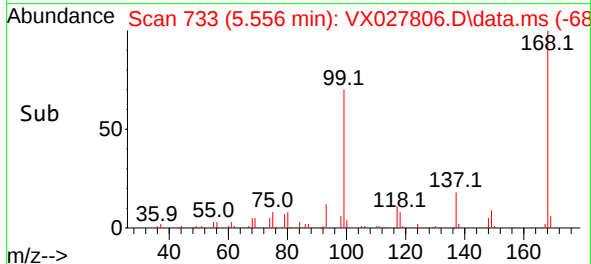
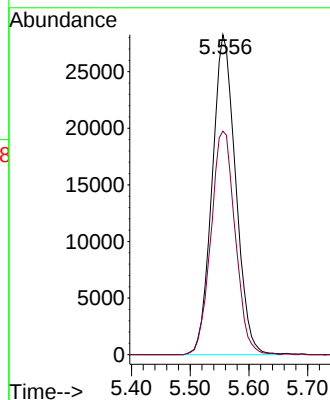
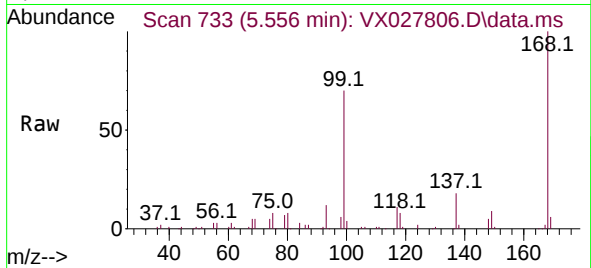




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

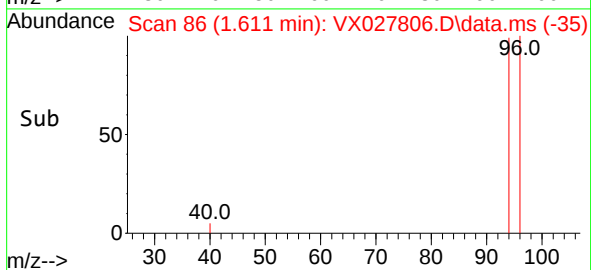
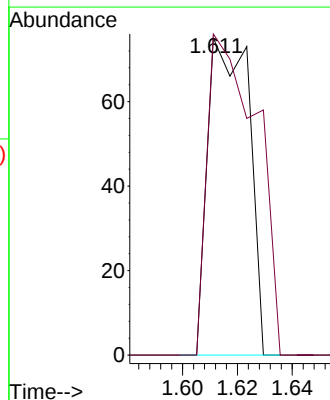
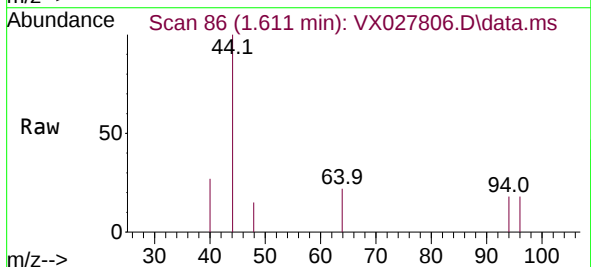
Instrument :
MSVOA_X
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DUP01-20220317

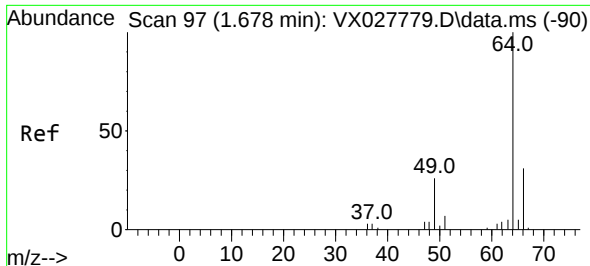
Tgt Ion:168 Resp: 78554
Ion Ratio Lower Upper
168 100
99 69.8 41.7 62.5#



#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 101.3 75.3 112.9

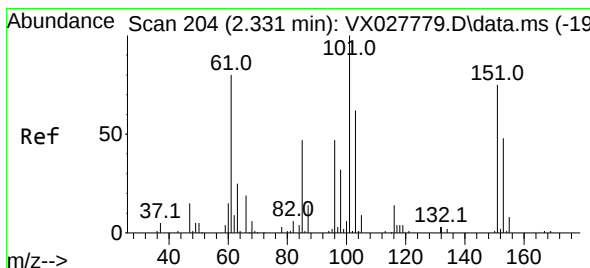
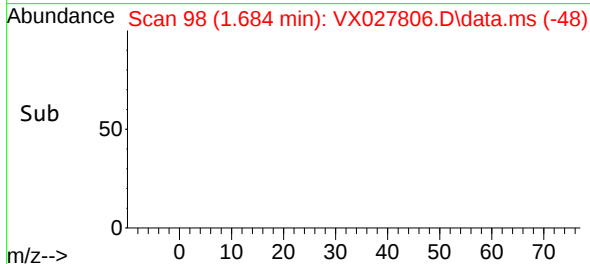
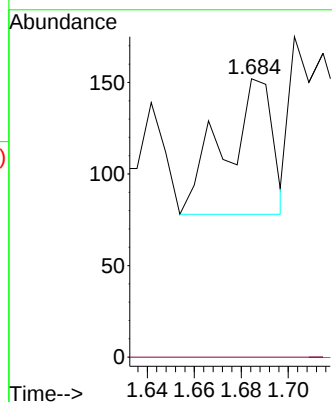
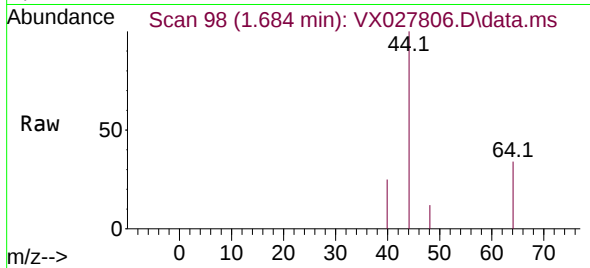




#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.684 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

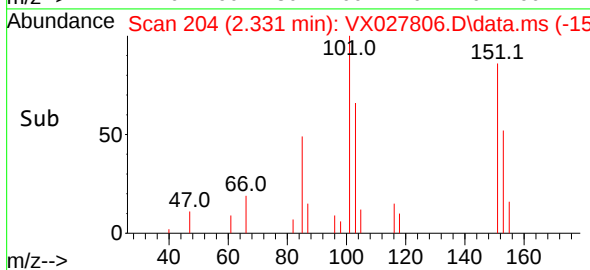
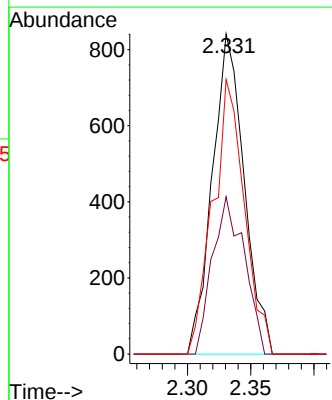
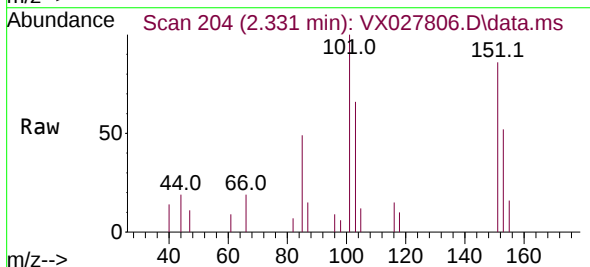
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317

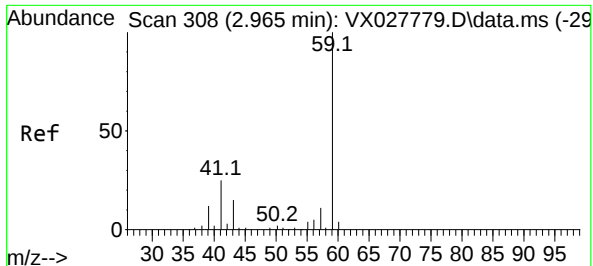
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.001 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 101 Resp: 1472
Ion Ratio Lower Upper
101 100
85 49.3 33.5 50.3
151 84.8 61.8 92.6





#11

Tert butyl alcohol

Concen: 0.642 ug/l

RT: 2.952 min Scan# 30

Delta R.T. -0.013 min

Lab File: VX027806.D

Acq: 30 Mar 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

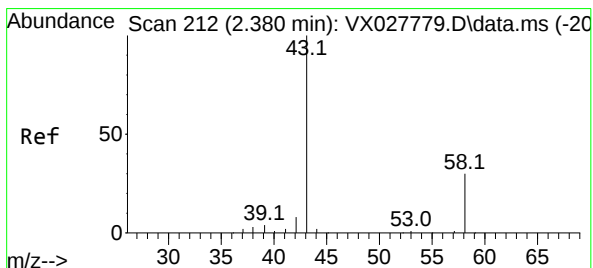
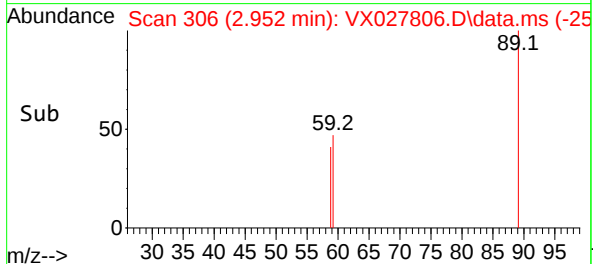
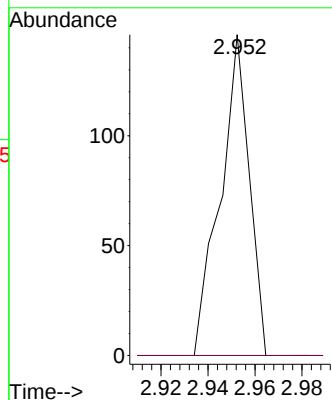
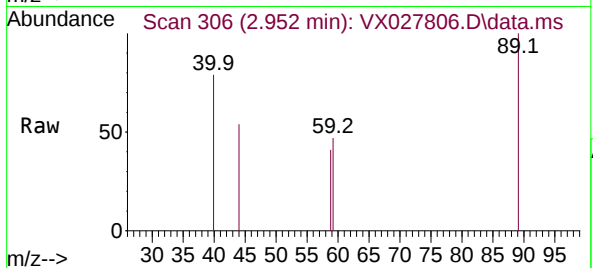
DUP01-20220317

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.053 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX027806.D

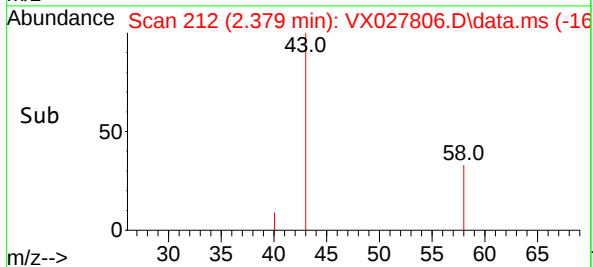
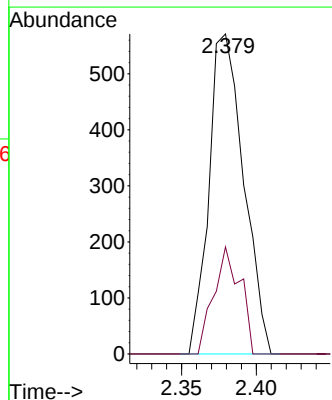
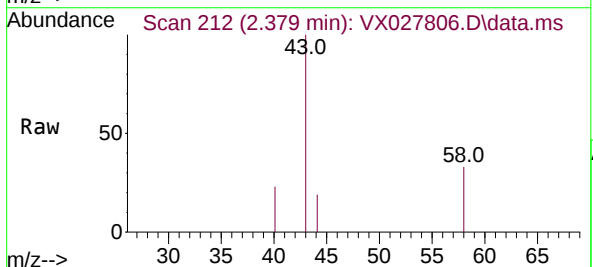
Acq: 30 Mar 2022 13:30

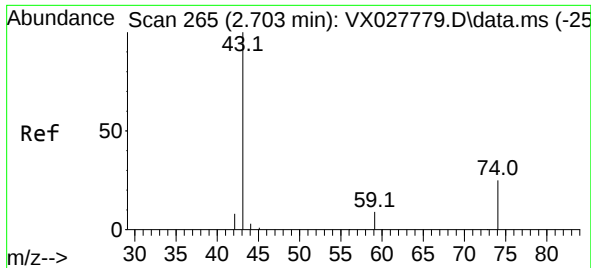
Tgt Ion: 43 Resp: 921

Ion Ratio Lower Upper

43 100

58 33.5 28.8 43.2

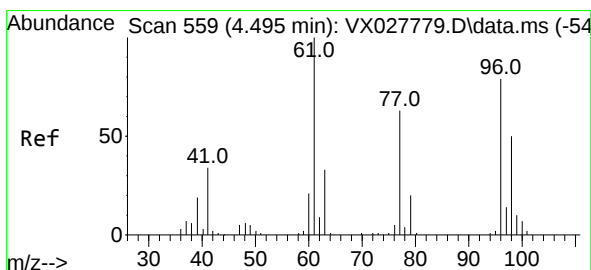
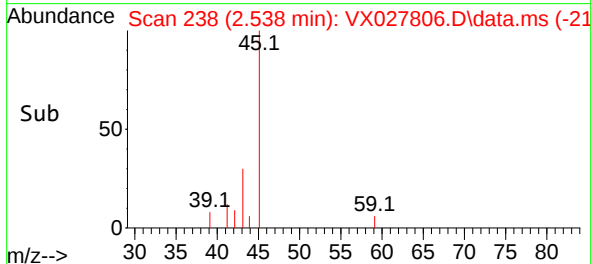
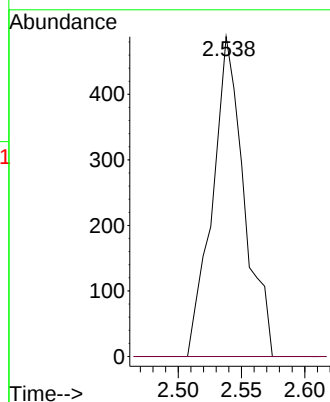
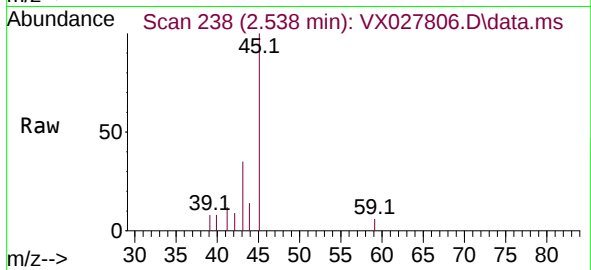




#18
Methyl Acetate
Concen: 0.769 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.165 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

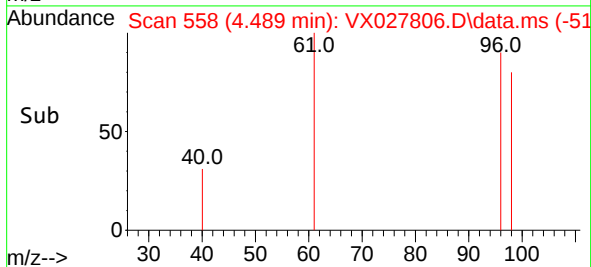
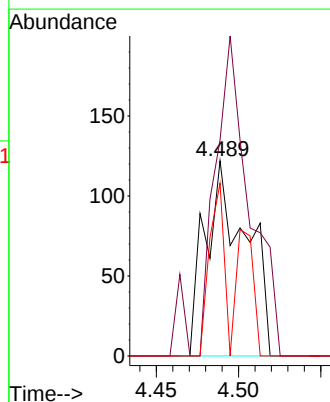
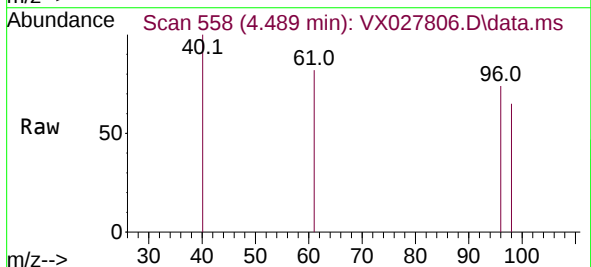
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317

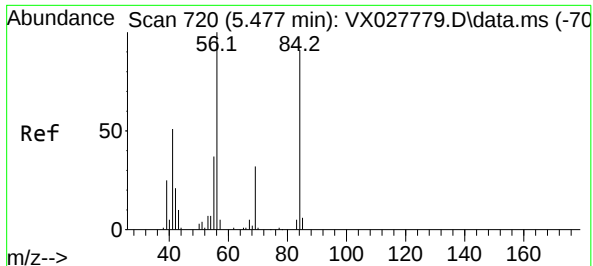
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#27
cis-1,2-Dichloroethene
Concen: 0.238 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 96 Resp: 210
Ion Ratio Lower Upper
96 100
61 138.1 0.0 283.8
98 31.9 0.0 129.8

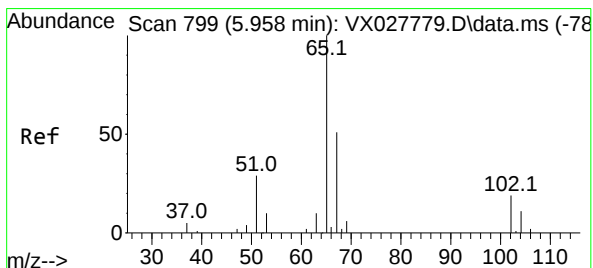
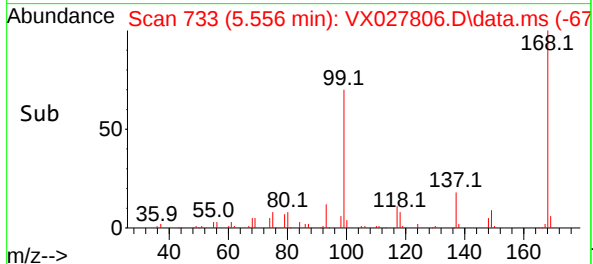
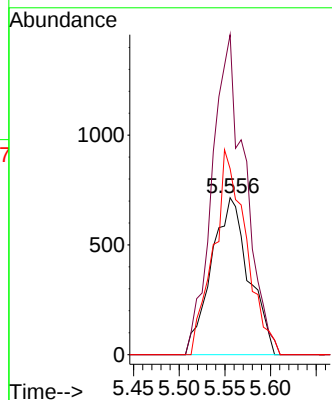
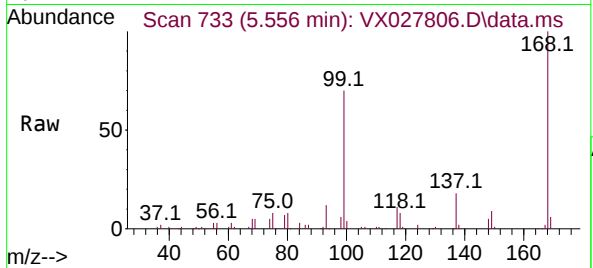




#31
Cyclohexane
Concen: 1.820 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

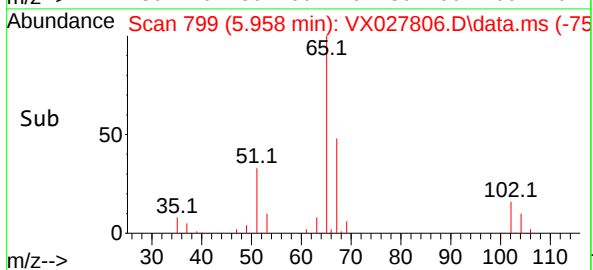
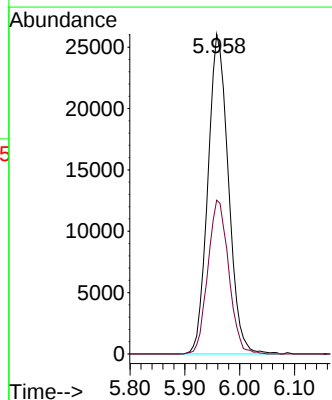
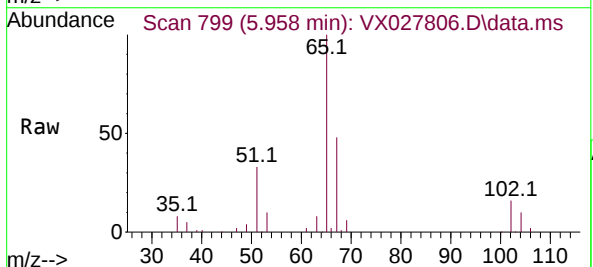
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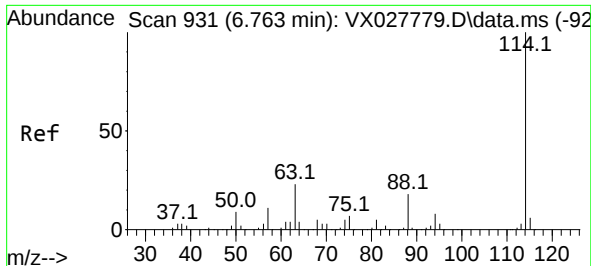
Tgt Ion: 56 Resp: 2039
Ion Ratio Lower Upper
56 100
69 203.9 26.7 40.1#
84 118.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 66.725 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 65 Resp: 67630
Ion Ratio Lower Upper
65 100
67 48.9 0.0 107.4

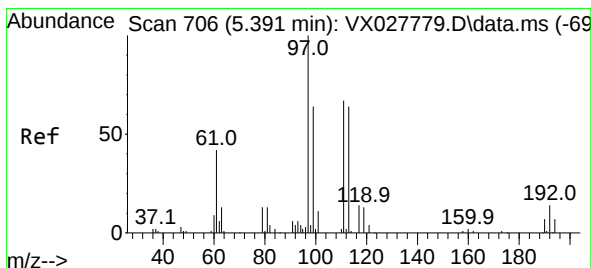
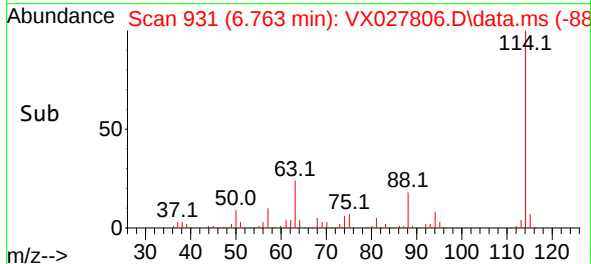
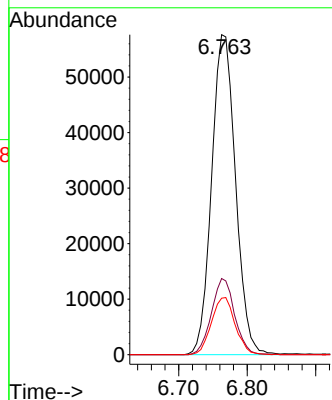
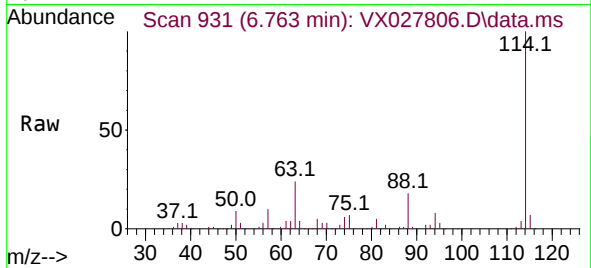




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

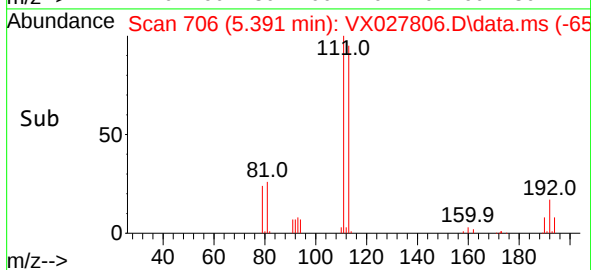
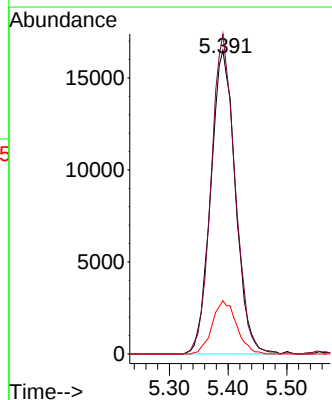
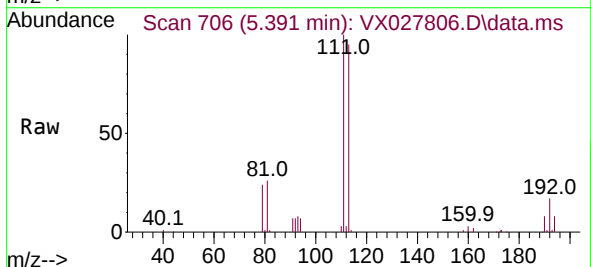
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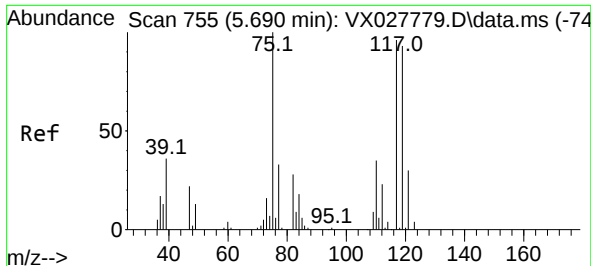
Tgt Ion:114 Resp: 139530
Ion Ratio Lower Upper
114 100
63 23.8 0.0 36.8
88 17.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.295 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion:113 Resp: 47999
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 17.3 16.9 25.3

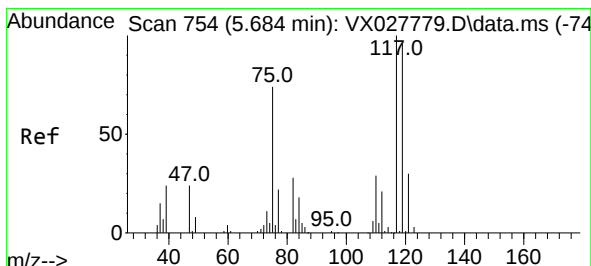
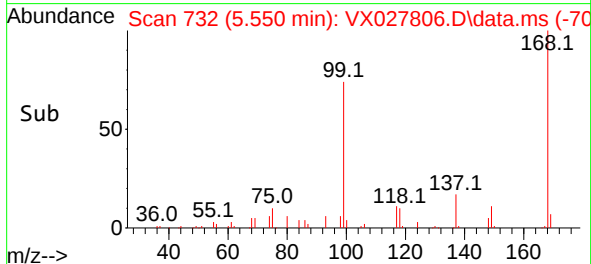
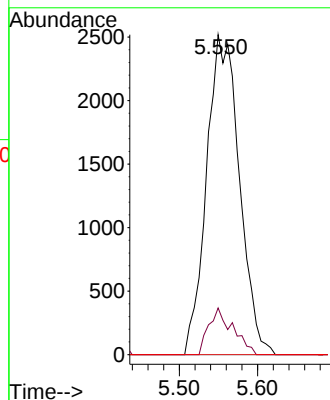
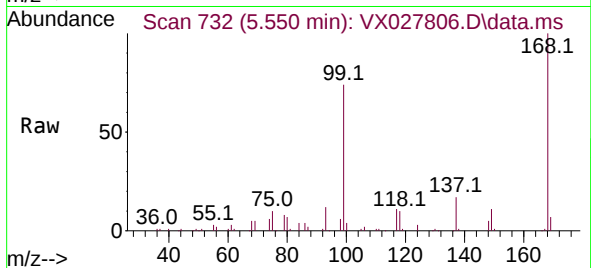




#36
1,1-Dichloropropene
Concen: 6.455 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

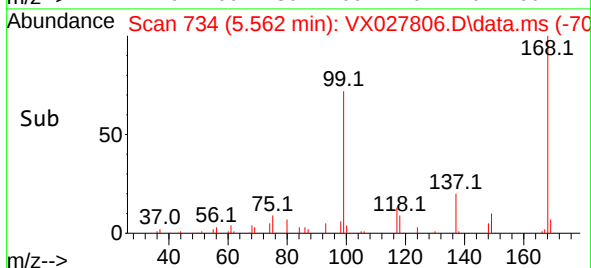
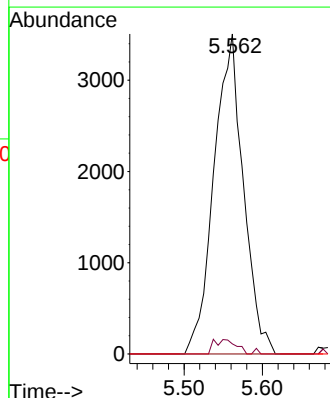
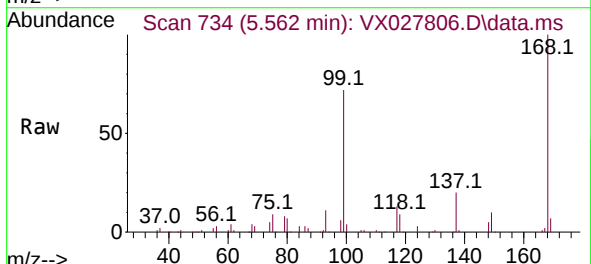
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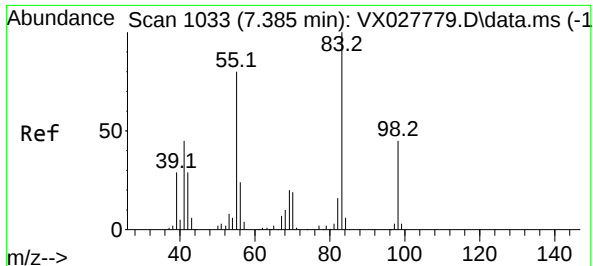
Tgt Ion: 75 Resp: 7322
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.292 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 117 Resp: 9138
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.092 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027806.D

Acq: 30 Mar 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220317

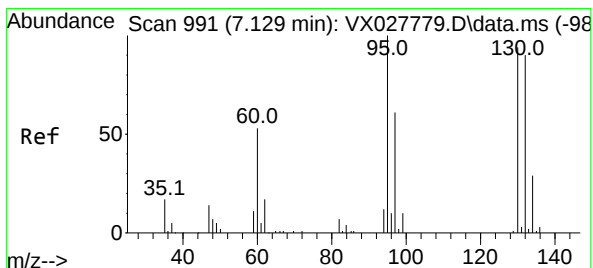
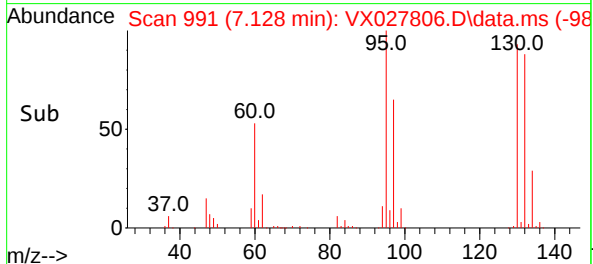
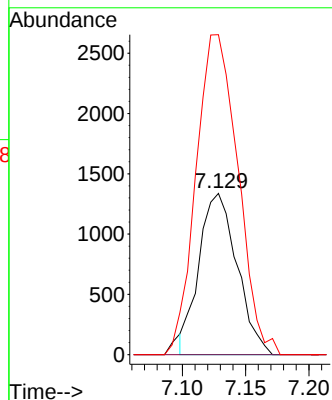
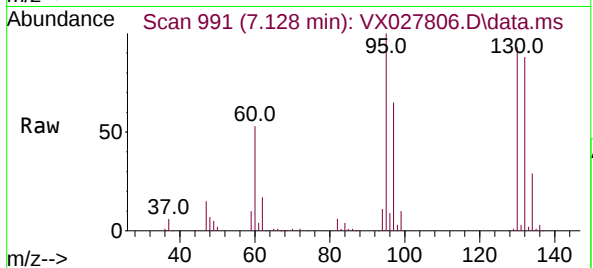
Tgt Ion: 83 Resp: 2792

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 198.4 37.4 56.2#



#44

Trichloroethene

Concen: 220.340 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027806.D

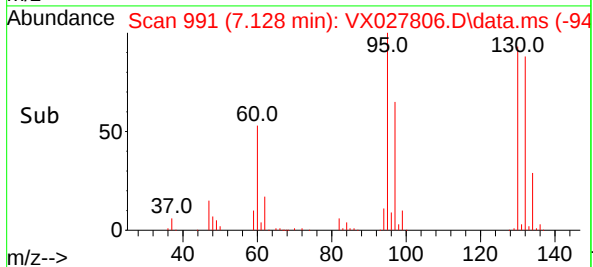
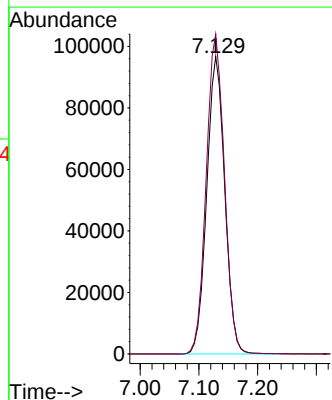
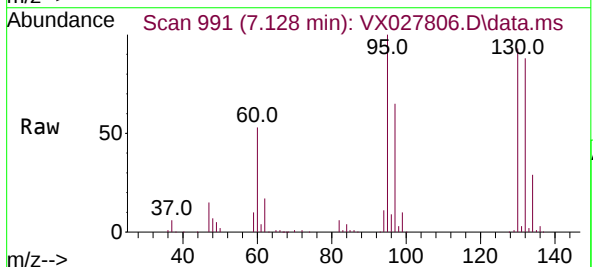
Acq: 30 Mar 2022 13:30

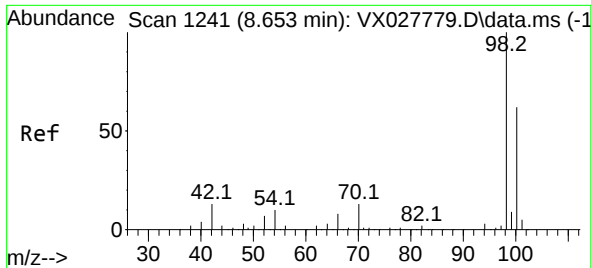
Tgt Ion:130 Resp: 205844

Ion Ratio Lower Upper

130 100

95 107.6 0.0 188.8

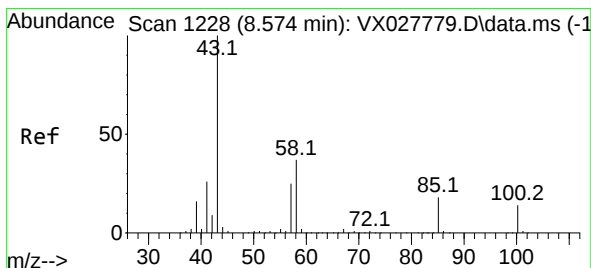
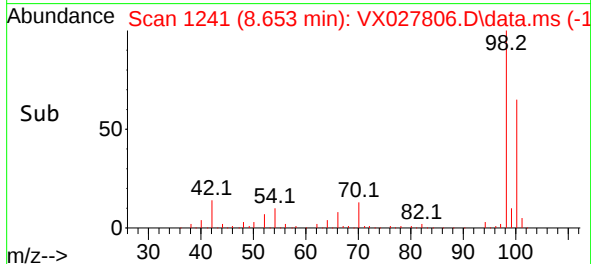
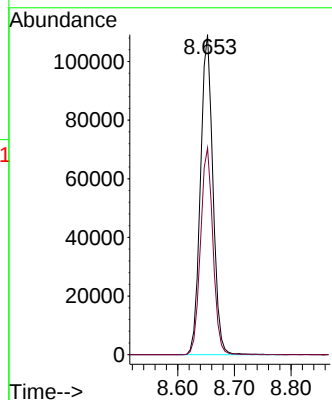
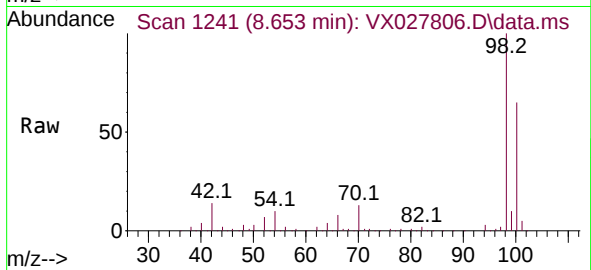




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

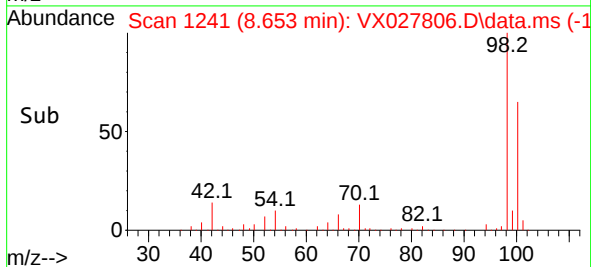
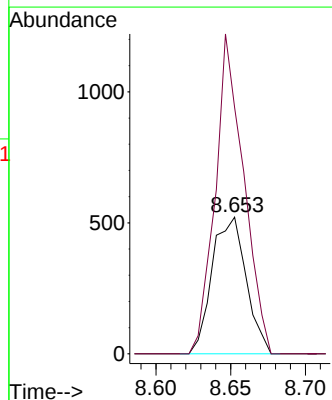
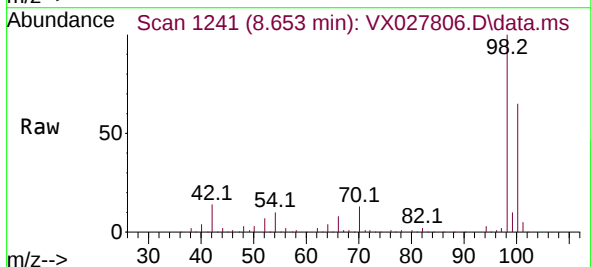
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317

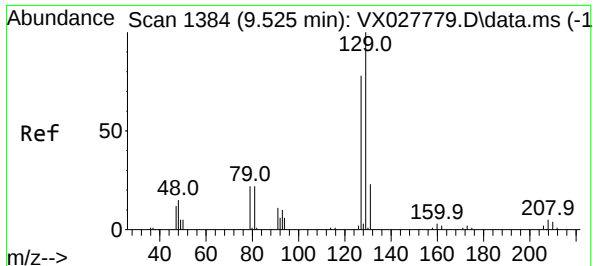
Tgt Ion: 98 Resp: 166342
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 196.1 36.1 54.1#

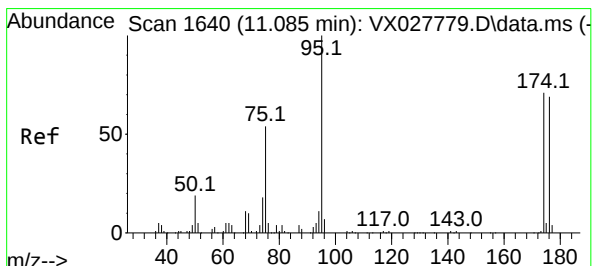
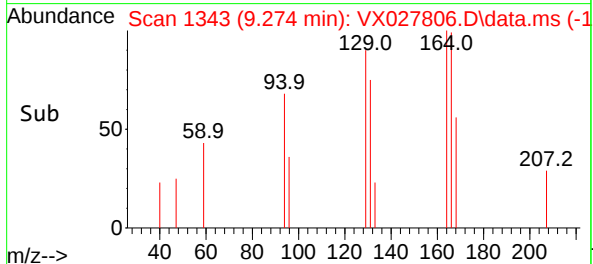
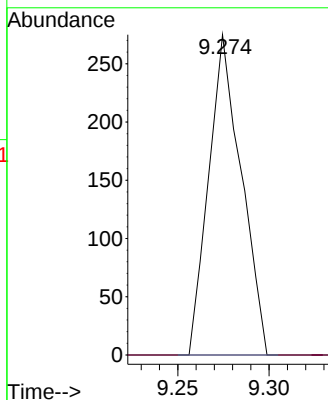
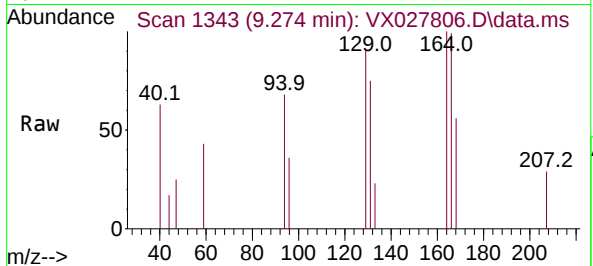




#60
Dibromochloromethane
Concen: 0.343 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.251 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

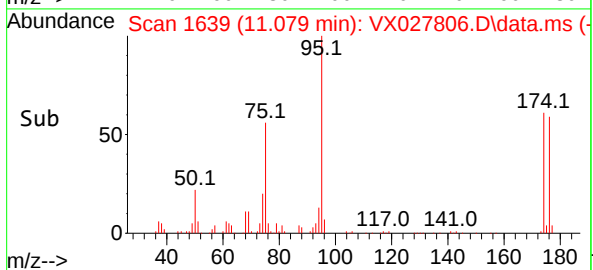
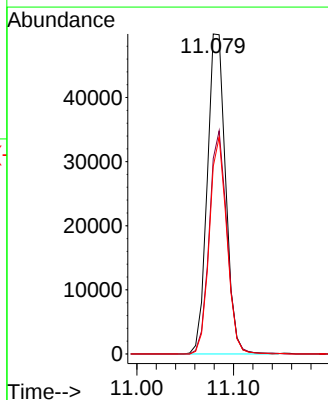
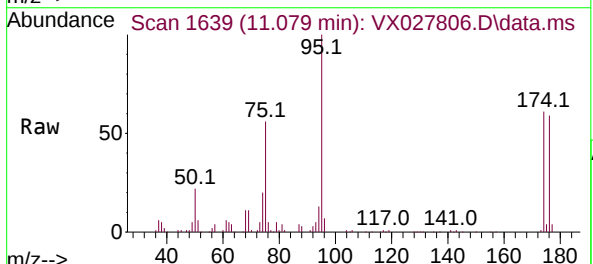
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317

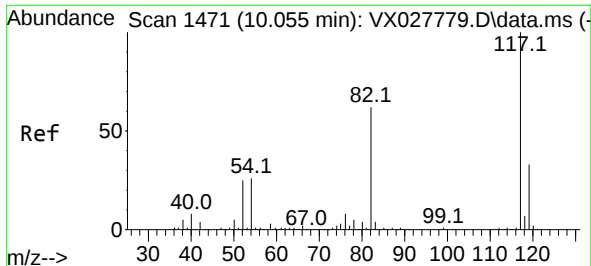
Tgt Ion:129 Resp: 342
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 48.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion: 95 Resp: 65745
Ion Ratio Lower Upper
95 100
174 67.4 0.0 163.0
176 64.3 0.0 155.0

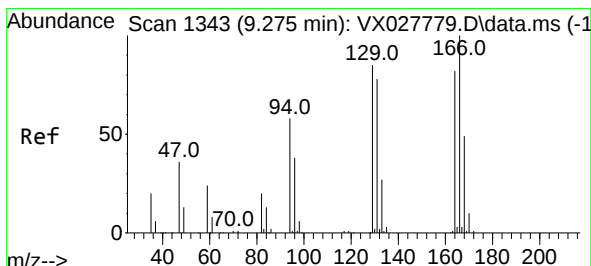
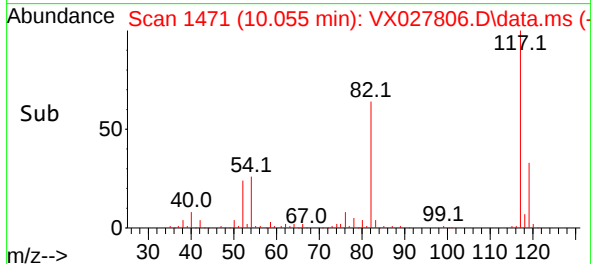
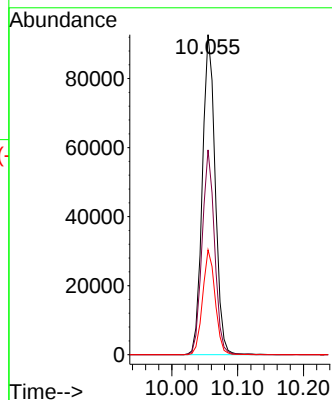
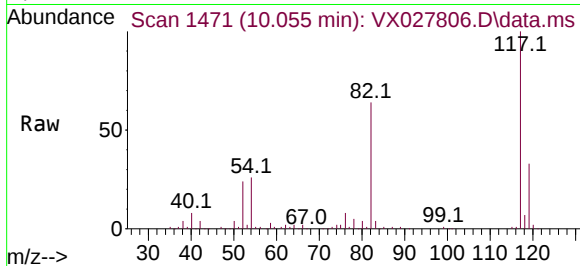




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

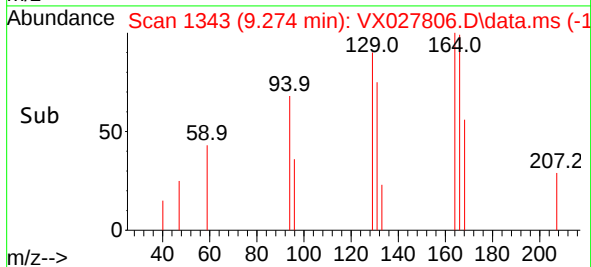
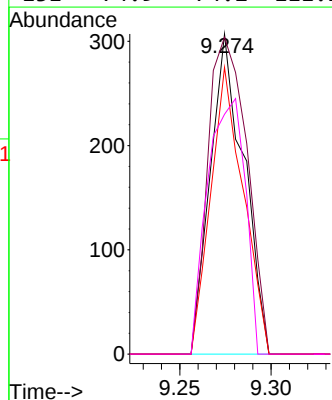
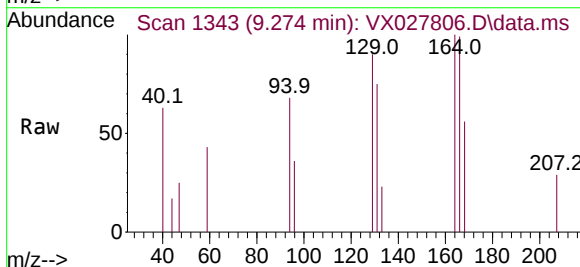
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20220317

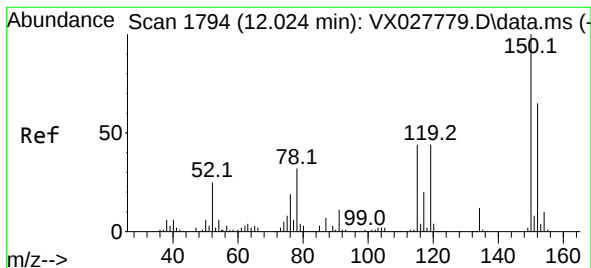
Tgt Ion:117 Resp: 125521
Ion Ratio Lower Upper
117 100
82 64.0 41.8 62.8#
119 32.8 24.8 37.2



#64
Tetrachloroethene
Concen: 0.459 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX027806.D
Acq: 30 Mar 2022 13:30

Tgt Ion:164 Resp: 391
Ion Ratio Lower Upper
164 100
166 99.0 101.2 151.8#
129 89.6 73.0 109.4
131 74.9 74.2 111.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027806.D

Acq: 30 Mar 2022 13:30

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20220317

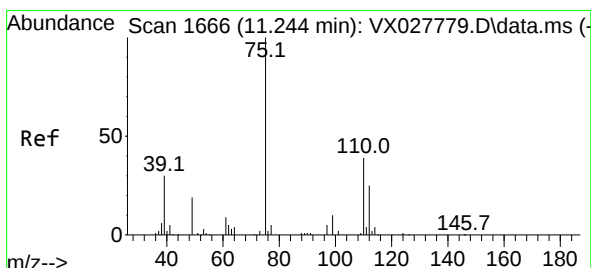
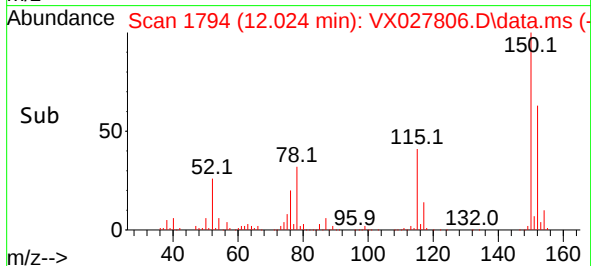
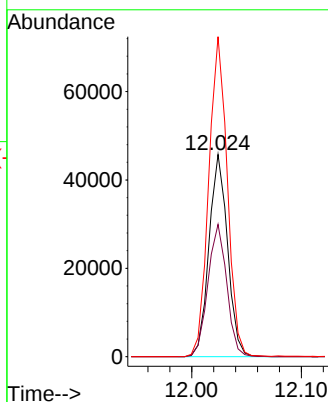
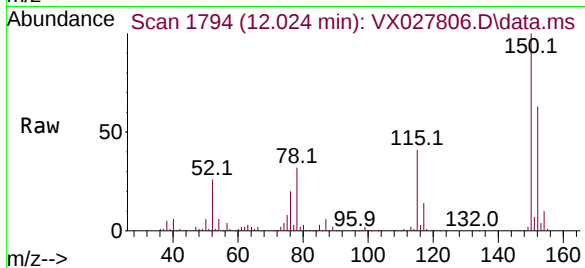
Tgt Ion:152 Resp: 53777

Ion Ratio Lower Upper

152 100

115 66.3 37.5 112.7

150 158.1 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 29.460 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX027806.D

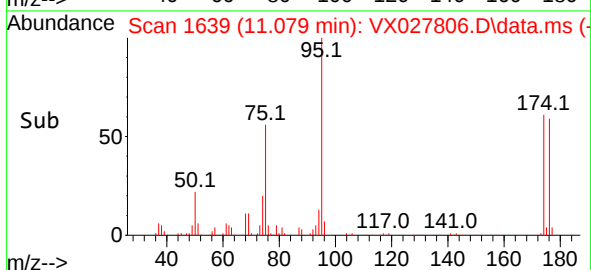
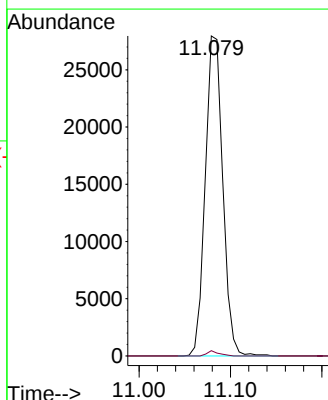
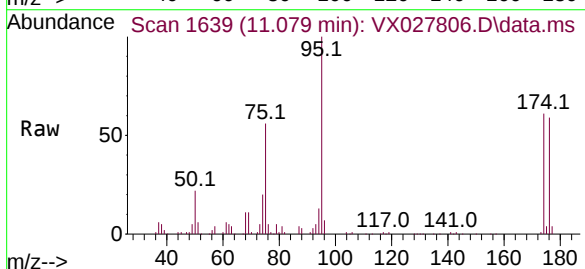
Acq: 30 Mar 2022 13:30

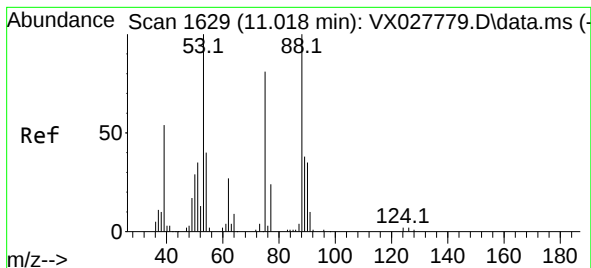
Tgt Ion: 75 Resp: 37164

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.873 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027806.D
 Acq: 30 Mar 2022 13:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20220317

Tgt Ion: 75 Resp: 37164
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

