

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027585.D
 Acq On : 21 Mar 2022 14:51
 Operator : JC/MD
 Sample : N1998-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-134DL

Quant Time: Mar 22 05:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

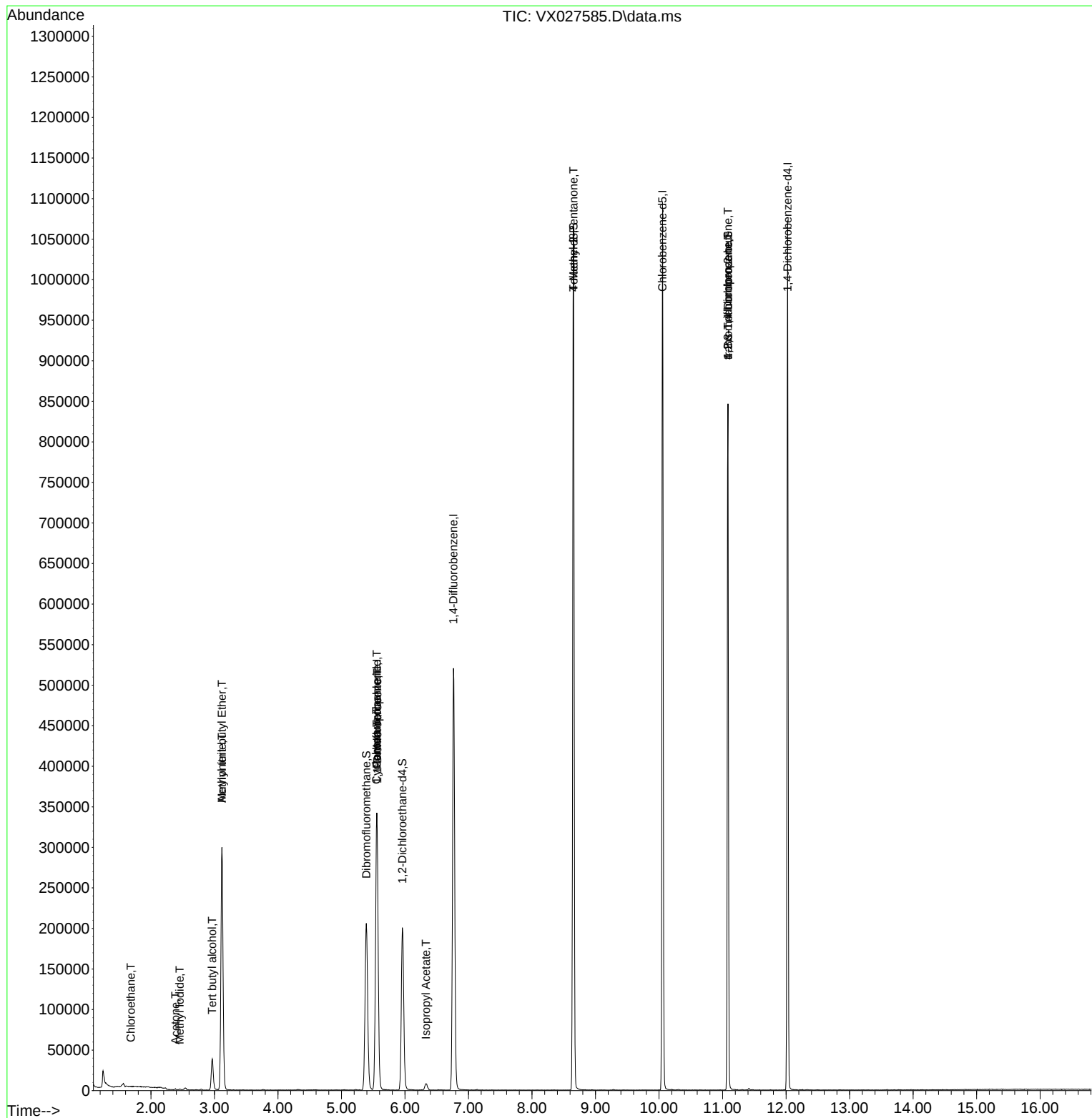
Internal Standards						
1) Pentafluorobenzene	5.556	168	341126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	562465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	508464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199387	47.447	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.900%		
35) Dibromofluoromethane	5.391	113	183843	50.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.600%		
50) Toluene-d8	8.653	98	660763	48.252	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.500%		
62) 4-Bromofluorobenzene	11.085	95	230381	45.772	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.540%		
Target Compounds						
5) Bromomethane	1.611	94	950	Below Cal		98
6) Chloroethane	1.685	64	830	0.403	ug/l	99
10) Methyl Iodide	2.453	142	1382	0.316	ug/l #	93
11) Tert butyl alcohol	2.965	59	43690	54.552	ug/l	99
15) Acrylonitrile	3.117	53	3701	2.033	ug/l #	28
16) Acetone	2.386	43	975	0.569	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	349163	32.671	ug/l	100
31) Cyclohexane	5.550	56	5552	1.064	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	23103	4.672	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33390	5.902	ug/l #	15
43) Isopropyl Acetate	6.330	43	2644	0.333	ug/l #	8
51) 4-Methyl-2-Pentanone	8.653	43	2284	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	108823	22.645	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	108823	68.775	ug/l #	15

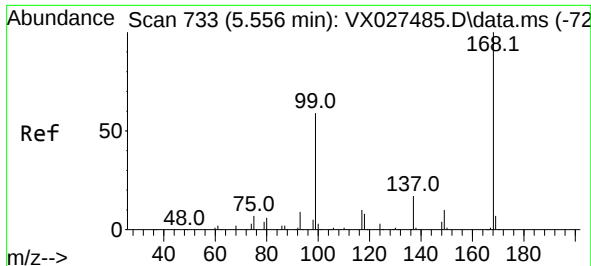
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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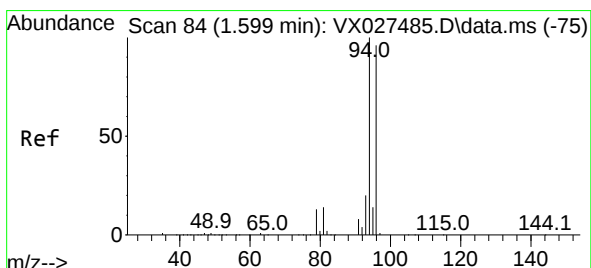
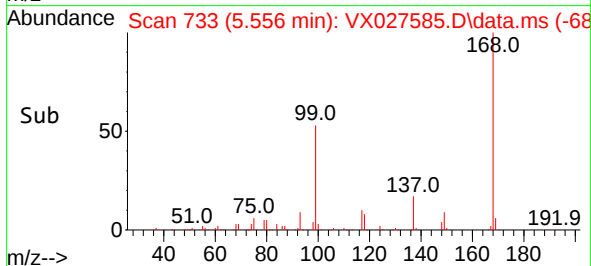
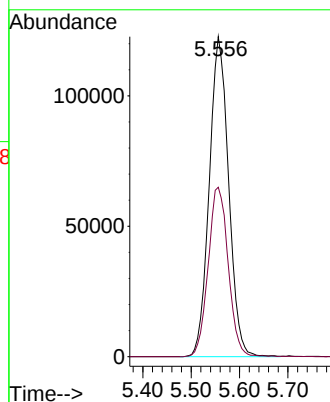
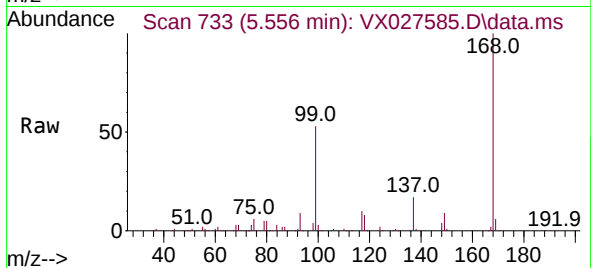




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

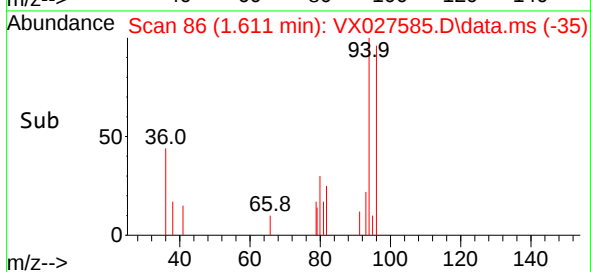
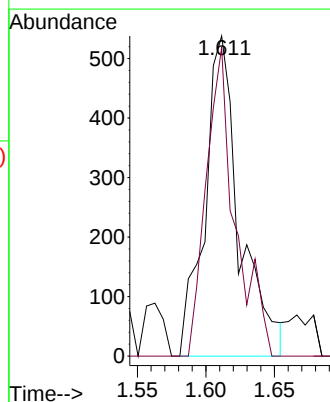
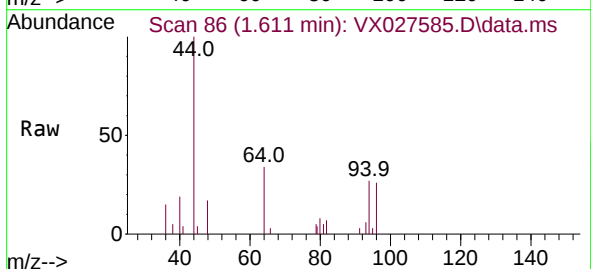
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

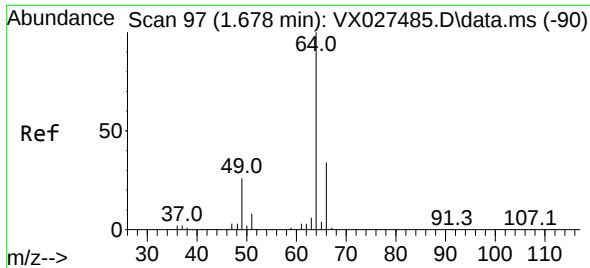
Tgt Ion:168 Resp: 341126
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 94 Resp: 950
Ion Ratio Lower Upper
94 100
96 96.5 75.3 112.9

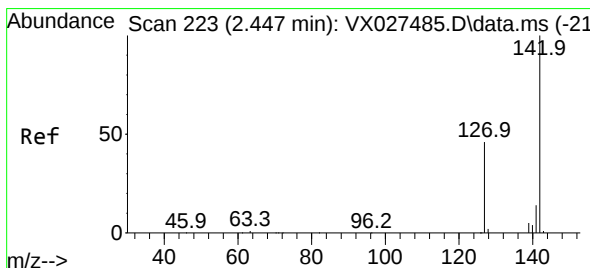
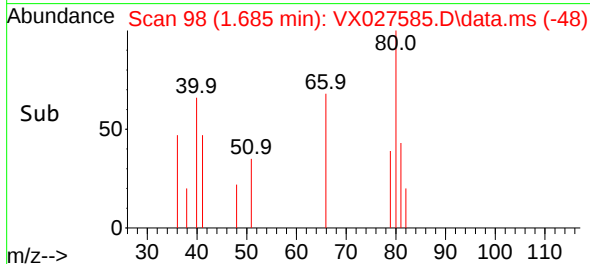
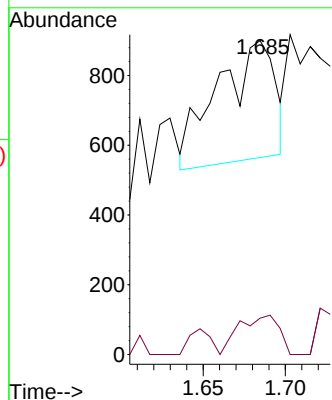
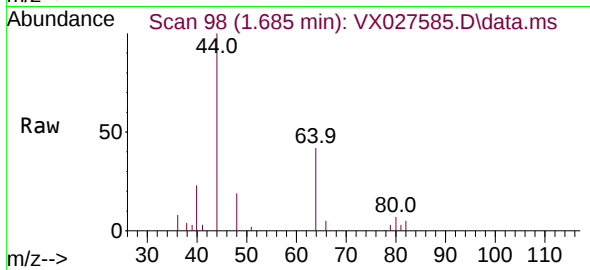




#6
Chloroethane
Concen: 0.403 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

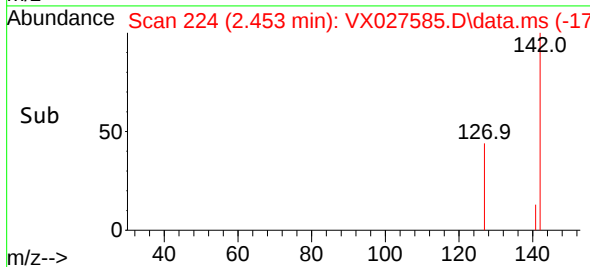
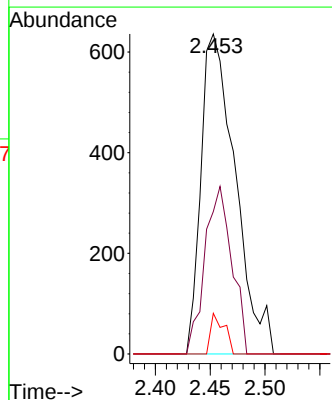
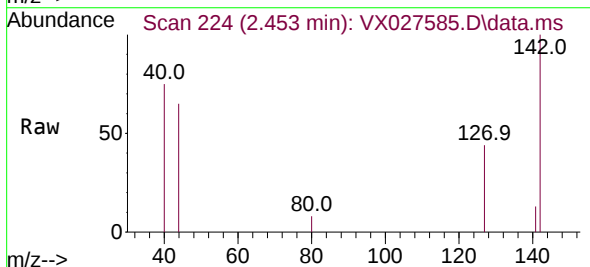
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

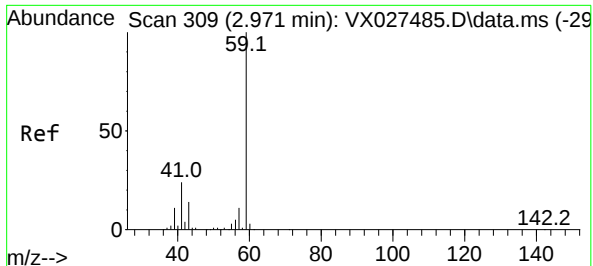
Tgt Ion: 64 Resp: 830
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9



#10
Methyl Iodide
Concen: 0.316 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 142 Resp: 1382
Ion Ratio Lower Upper
142 100
127 41.0 33.9 50.9
141 5.1 11.4 17.2#

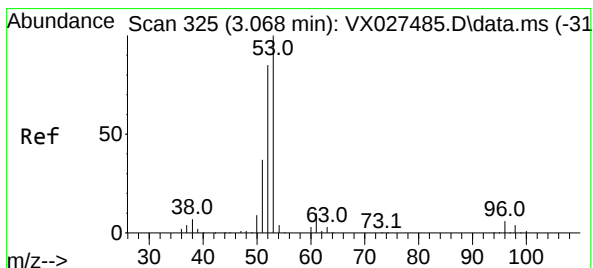
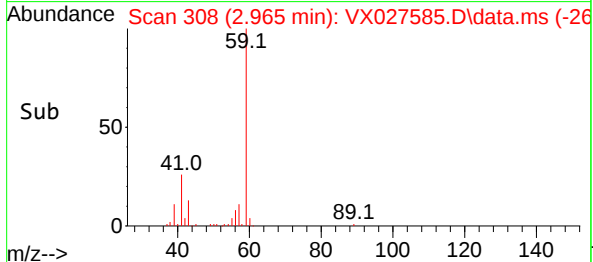
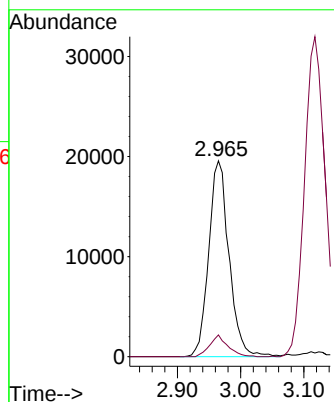
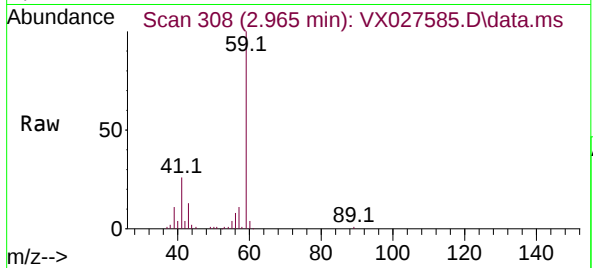




#11
Tert butyl alcohol
Concen: 54.552 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

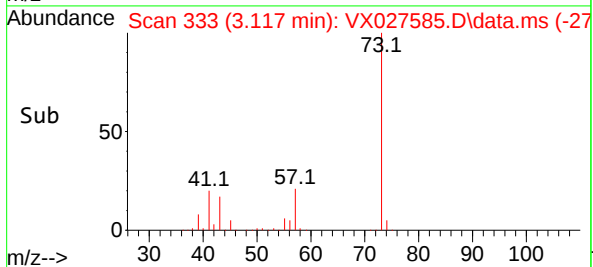
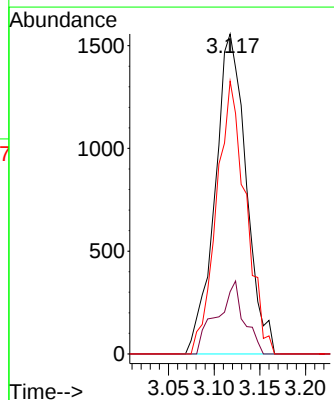
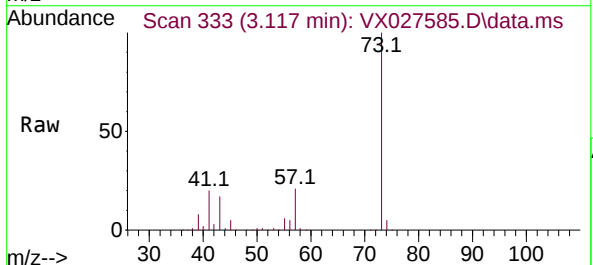
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

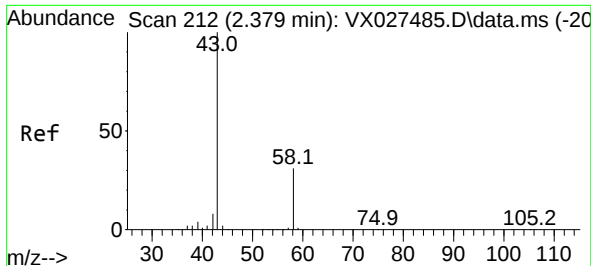
Tgt Ion: 59 Resp: 43690
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#15
Acrylonitrile
Concen: 2.033 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.049 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 53 Resp: 3701
Ion Ratio Lower Upper
53 100
52 19.7 65.7 98.5#
51 79.9 28.4 42.6#

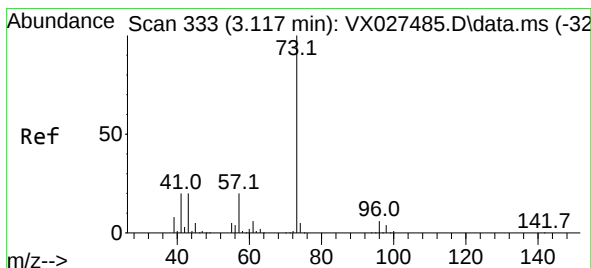
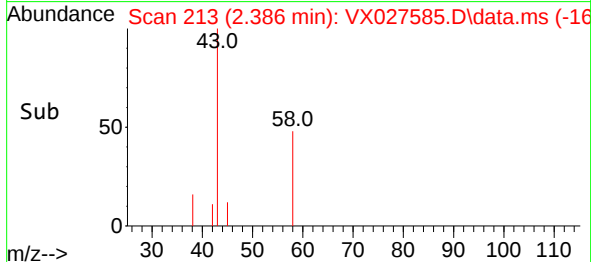
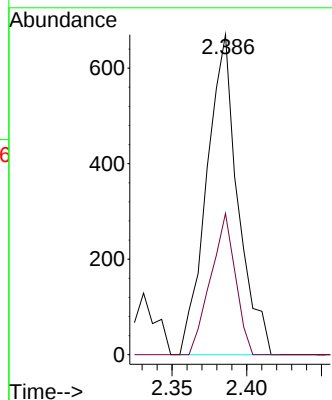
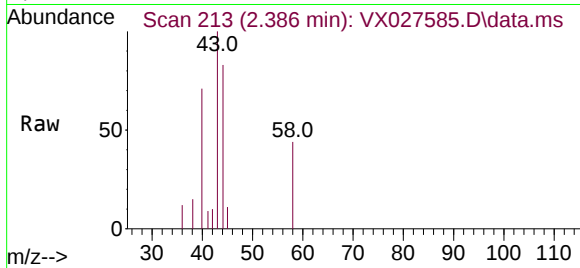




#16
Acetone
Concen: 0.569 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

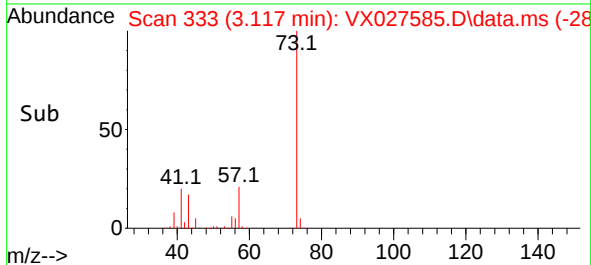
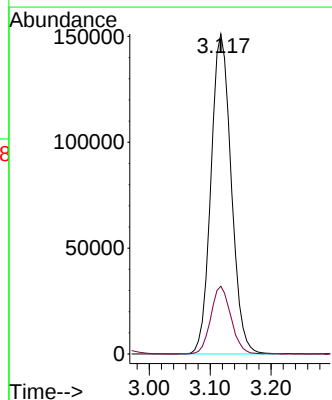
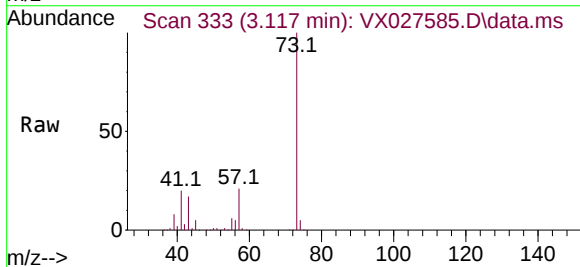
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

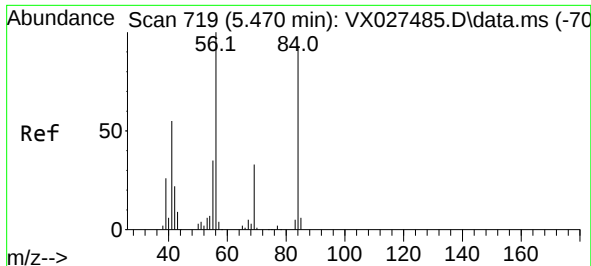
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 44.2 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 32.671 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 73 Resp: 349163
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2

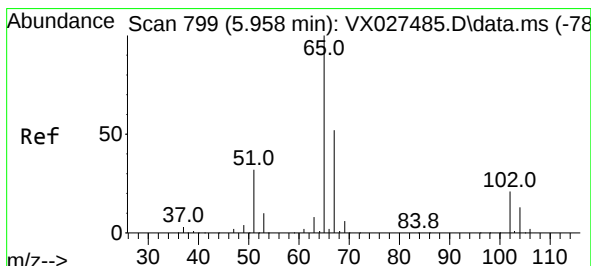
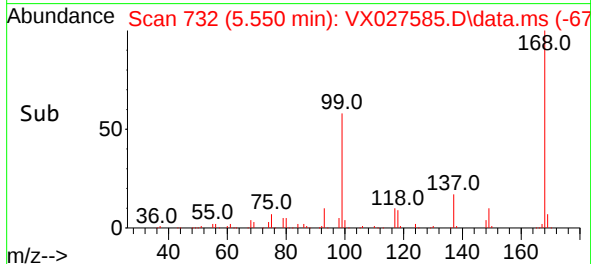
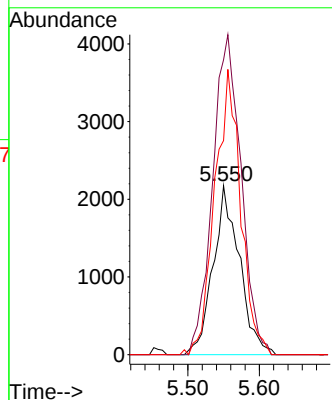
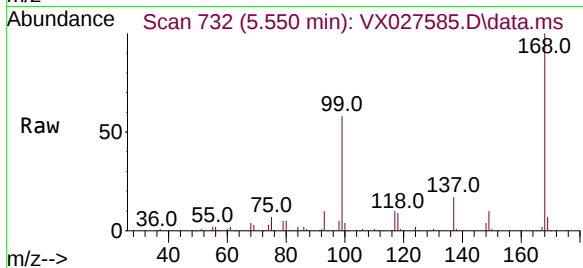




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

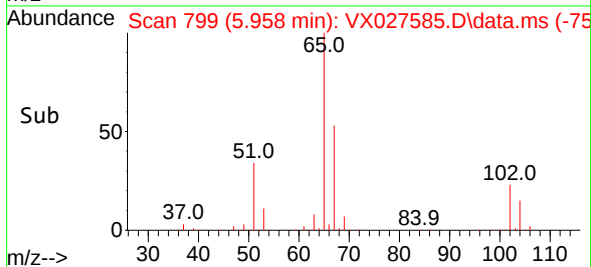
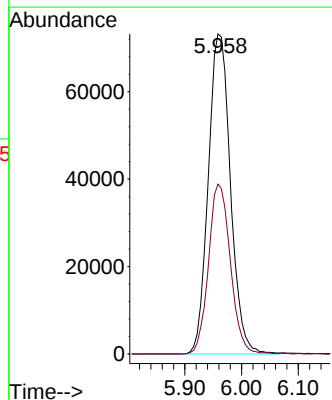
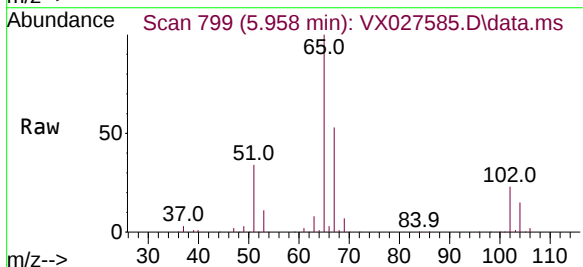
Instrument :
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ClientSampleId :
MW-134DL

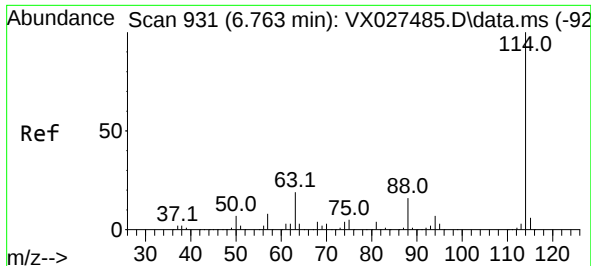
Tgt Ion: 56 Resp: 5552
Ion Ratio Lower Upper
56 100
69 174.6 26.7 40.1#
84 126.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.447 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 65 Resp: 199387
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

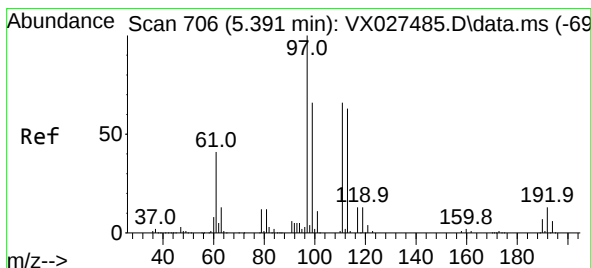
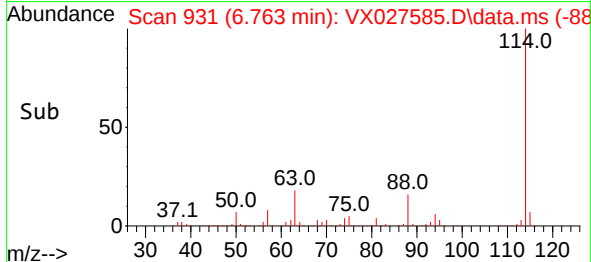
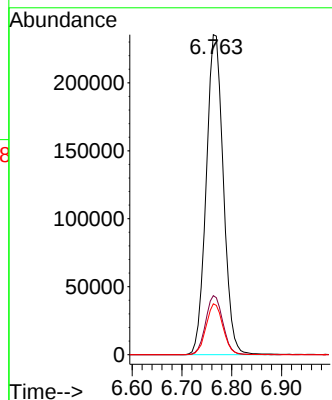
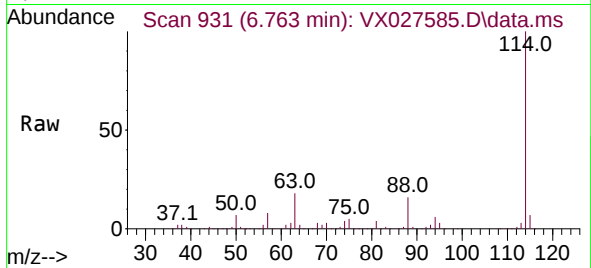




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX027585.D
 Acq: 21 Mar 2022 14:51

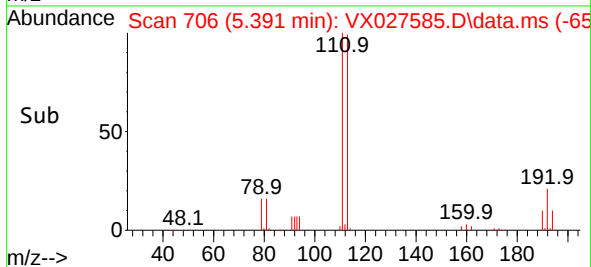
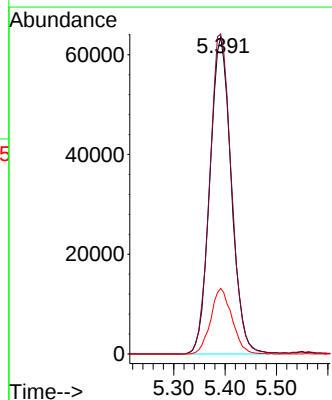
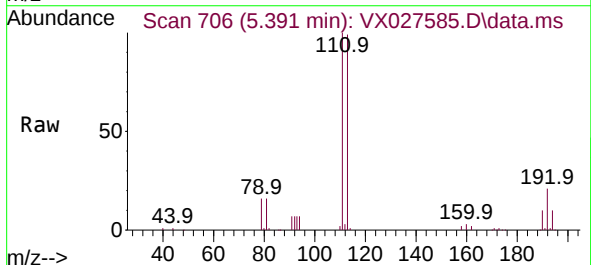
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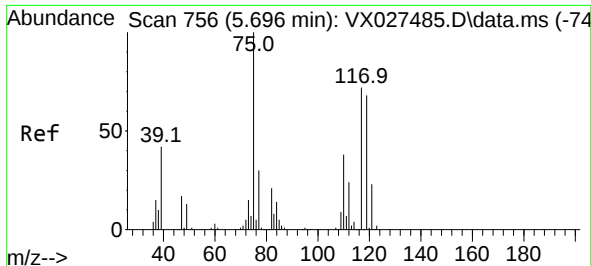
Tgt Ion:114 Resp: 562465
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 15.9 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.802 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027585.D
 Acq: 21 Mar 2022 14:51

Tgt Ion:113 Resp: 183843
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 20.5 16.9 25.3

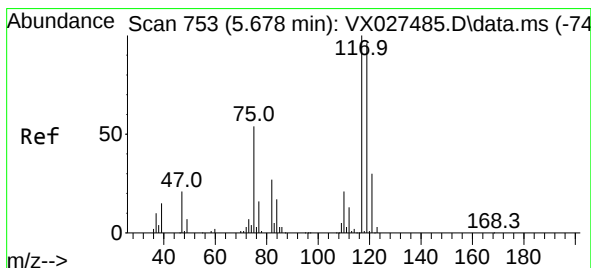
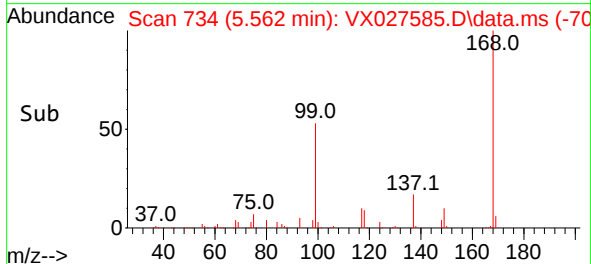
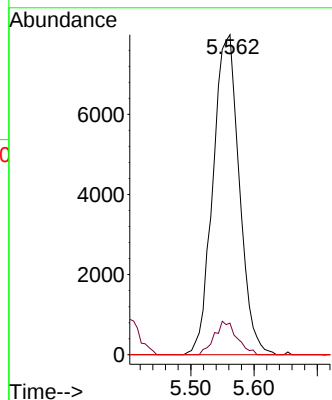
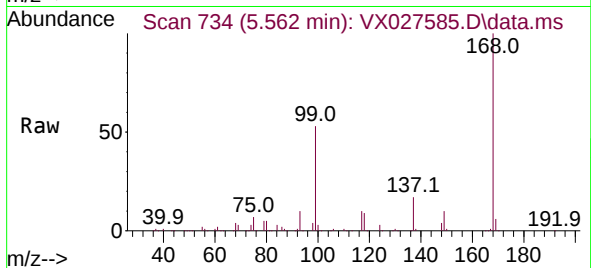




#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

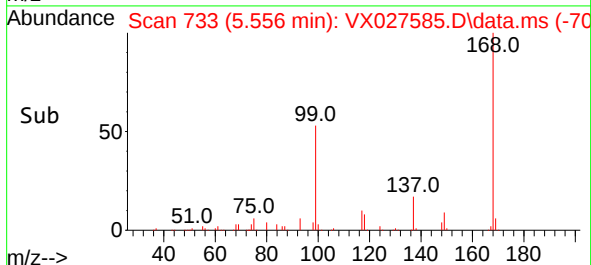
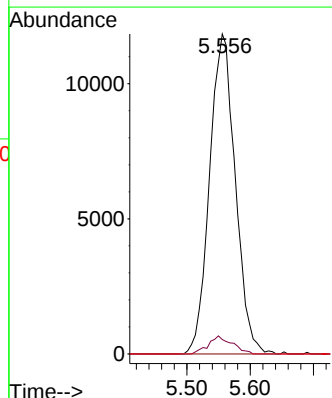
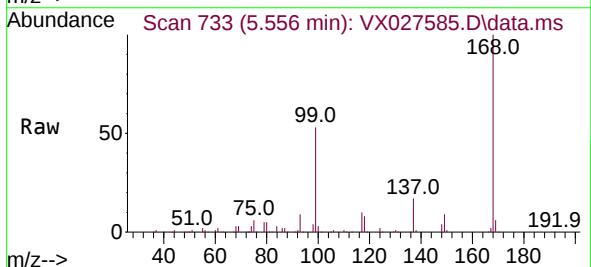
Instrument :
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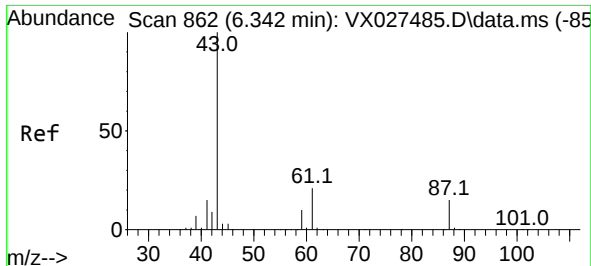
Tgt Ion: 75 Resp: 23103
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.902 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 117 Resp: 33390
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#

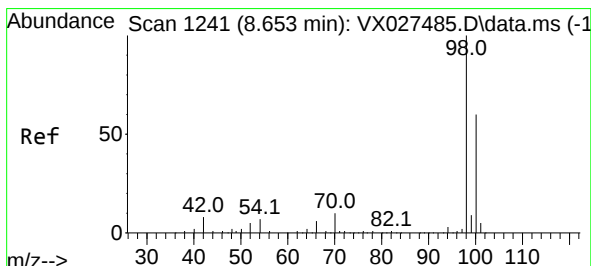
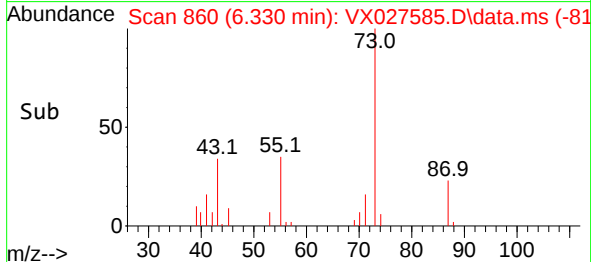
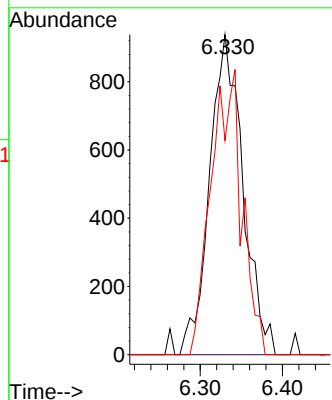
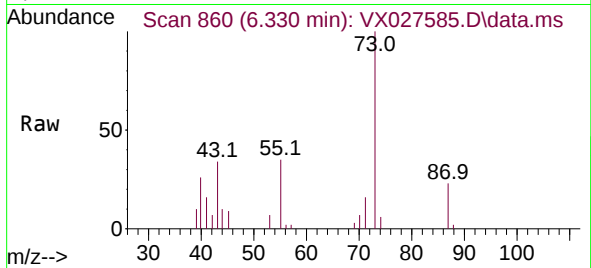




#43
Isopropyl Acetate
Concen: 0.333 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

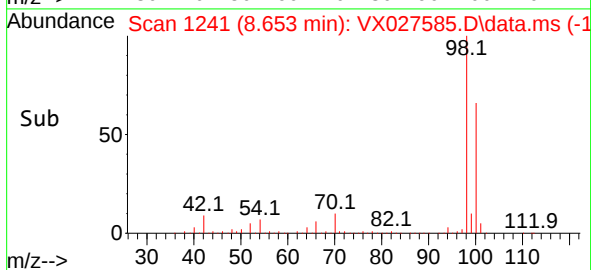
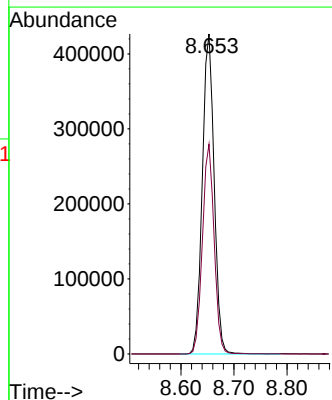
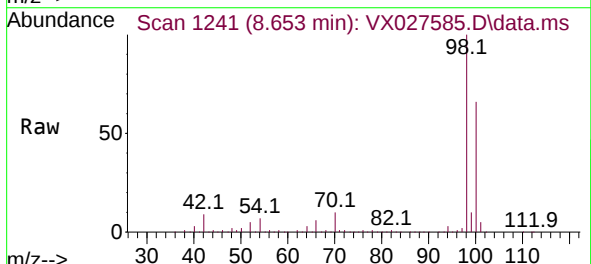
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

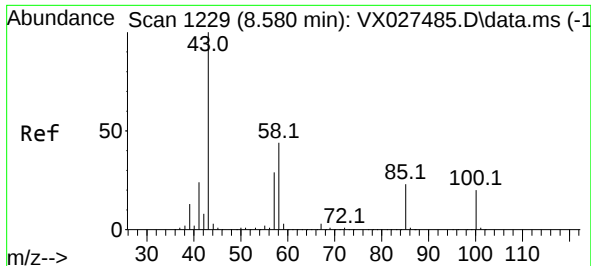
Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 82.3 13.0 19.6#



#50
Toluene-d8
Concen: 48.252 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 98 Resp: 660763
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.451 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027585.D

Acq: 21 Mar 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

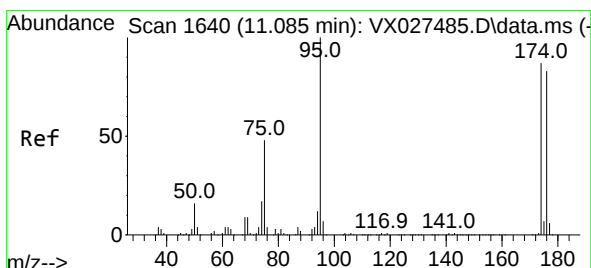
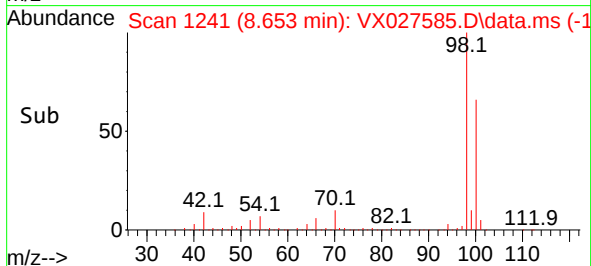
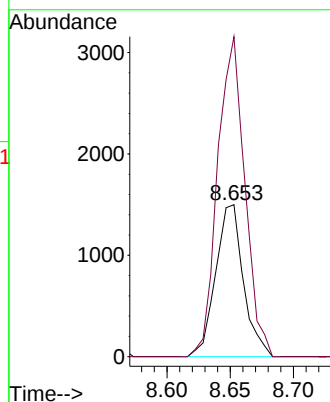
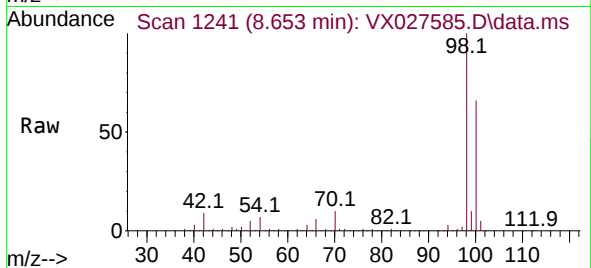
MW-134DL

Tgt Ion: 43 Resp: 2284

Ion Ratio Lower Upper

43 100

58 206.9 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 45.772 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027585.D

Acq: 21 Mar 2022 14:51

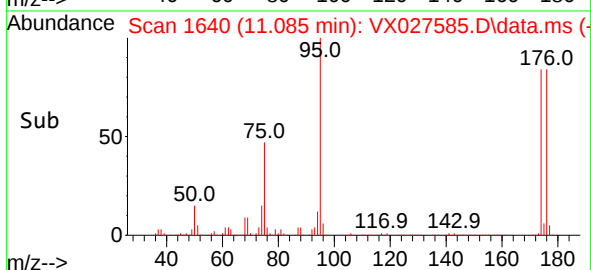
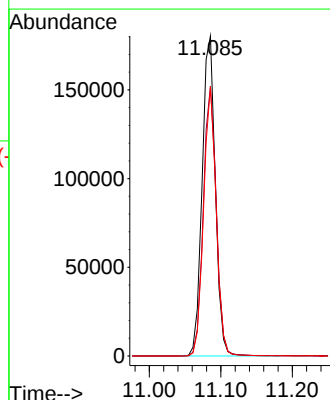
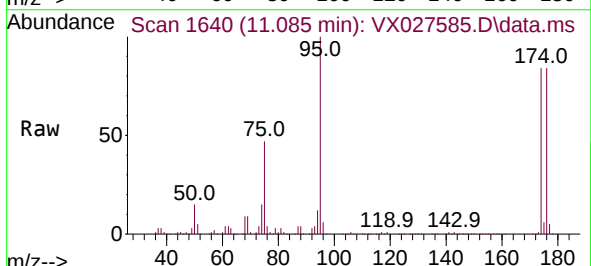
Tgt Ion: 95 Resp: 230381

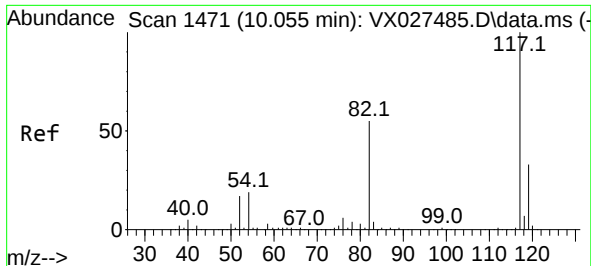
Ion Ratio Lower Upper

95 100

174 83.4 0.0 163.0

176 80.7 0.0 155.0

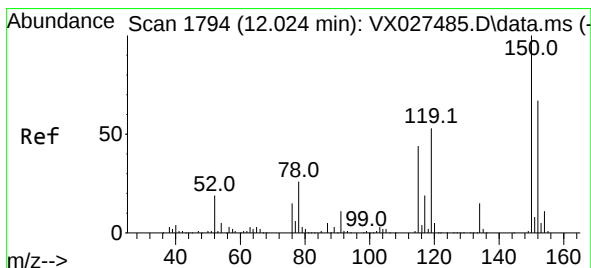
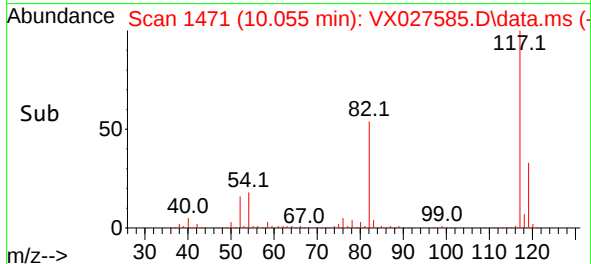
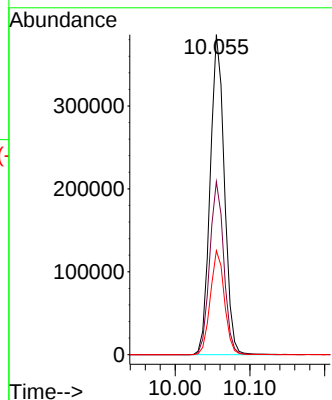
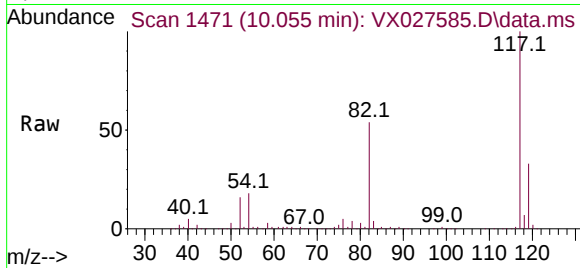




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

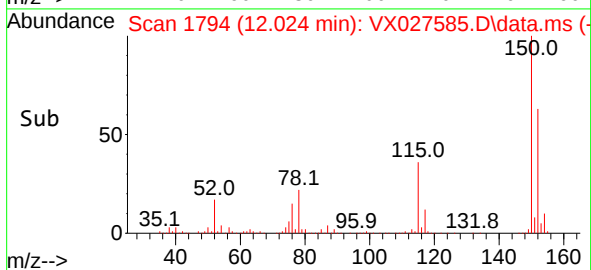
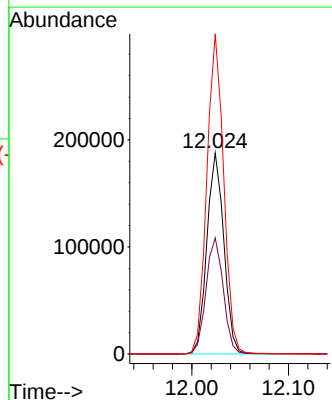
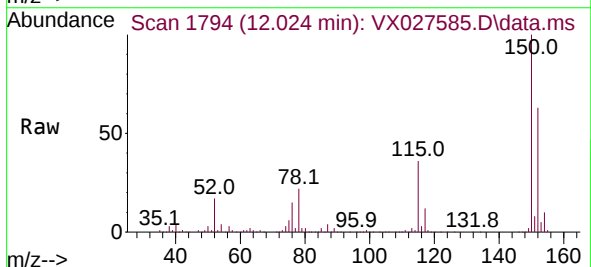
Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

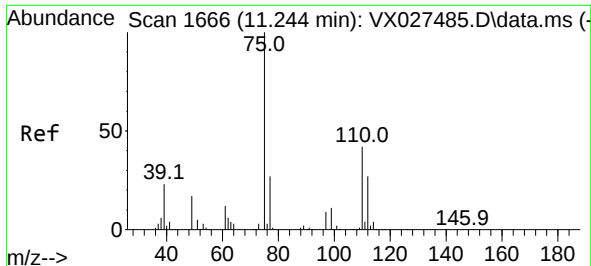
Tgt Ion:117 Resp: 508464
Ion Ratio Lower Upper
117 100
82 54.1 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion:152 Resp: 229747
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 158.0 0.0 338.2

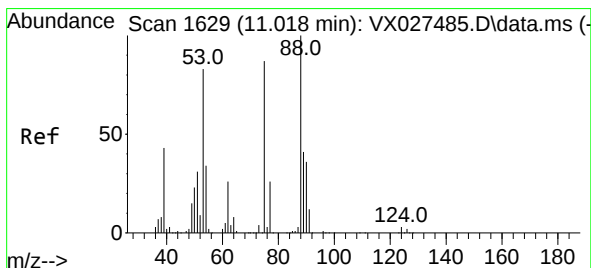
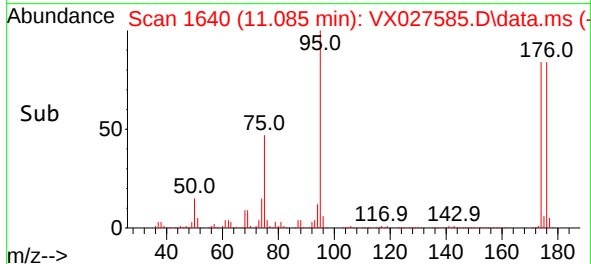
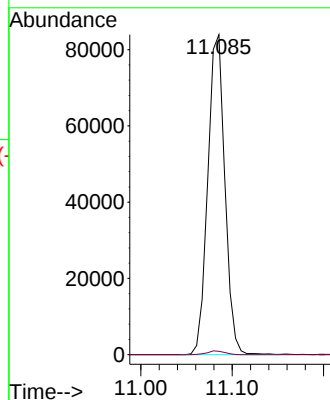
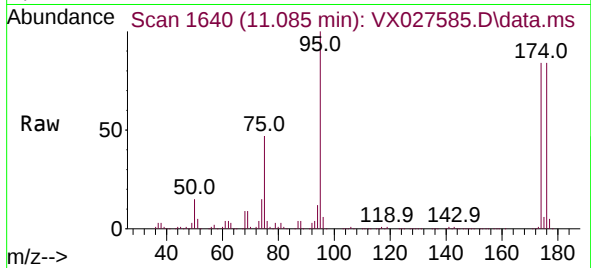




#76
1,2,3-Trichloropropane
Concen: 22.645 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Instrument :
MSVOA_X
ClientSampleId :
MW-134DL

Tgt Ion: 75 Resp: 108823
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027585.D
Acq: 21 Mar 2022 14:51

Tgt Ion: 75 Resp: 108823
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

