

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028329.D
 Acq On : 25 Apr 2022 16:25
 Operator : JC/MD
 Sample : N2553-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 370ME

Quant Time: Apr 26 08:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

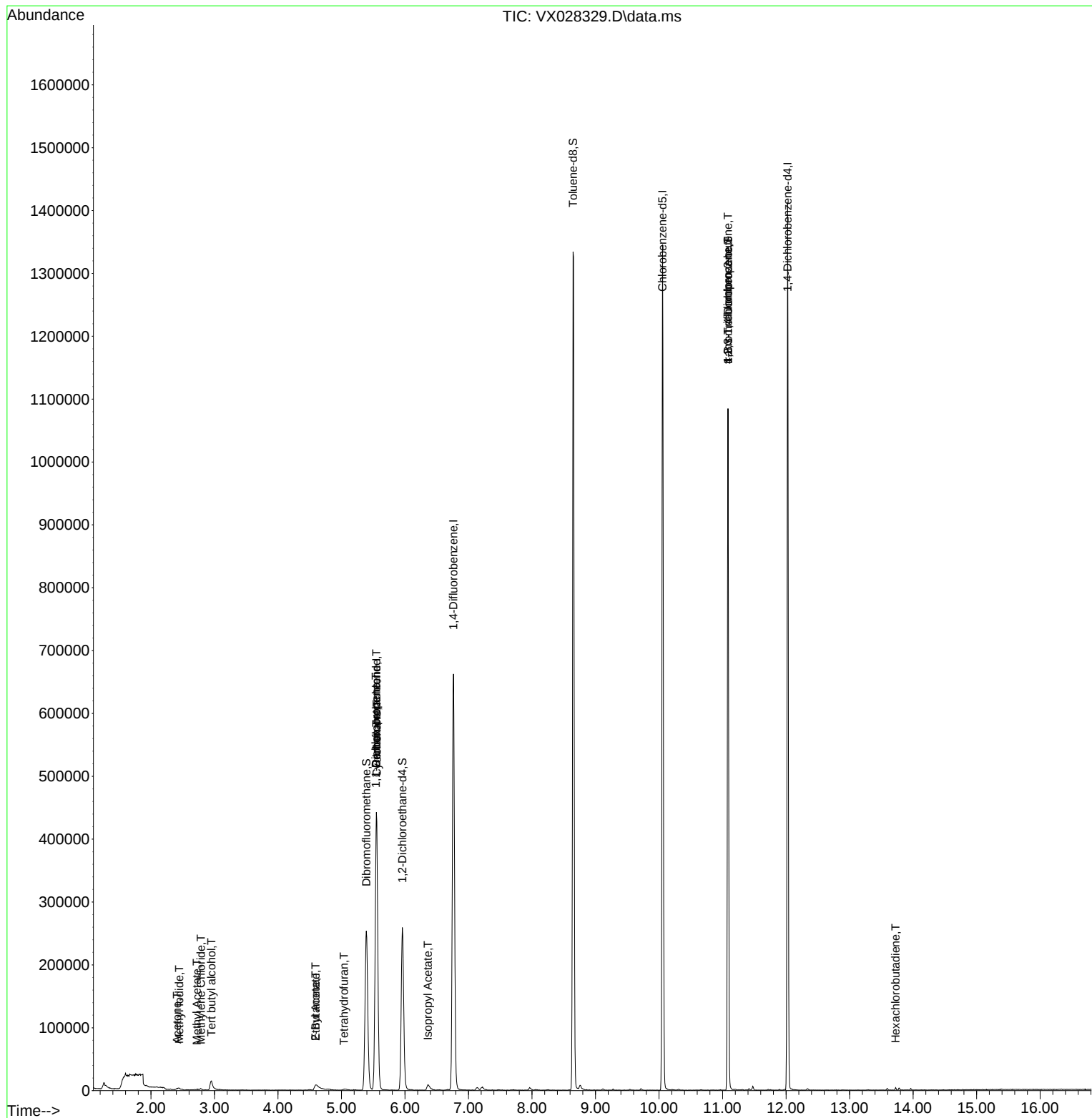
Internal Standards						
1) Pentafluorobenzene	5.550	168	441990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	734425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	663801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	300913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	251264	43.599	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.200%		
35) Dibromofluoromethane	5.391	113	227713	44.212	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.420%		
50) Toluene-d8	8.647	98	844864	42.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.420%		
62) 4-Bromofluorobenzene	11.085	95	284838	37.658	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.320%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	630	Below Cal		94
5) Bromomethane	1.599	94	2459	Below Cal		90
6) Chloroethane	1.666	64	41	Below Cal	#	43
8) Diethyl Ether	2.355	74	22	Below Cal	#	1
10) Methyl Iodide	2.446	142	1889	5.580	ug/l #	87
11) Tert butyl alcohol	2.953	59	11196	0.219	ug/l #	75
16) Acetone	2.410	43	3973	0.866	ug/l #	71
18) Methyl Acetate	2.721	43	1754	0.342	ug/l #	77
20) Methylene Chloride	2.788	84	1125	0.263	ug/l #	73
25) 2-Butanone	4.592	43	26187	7.673	ug/l	99
29) Tetrahydrofuran	5.037	42	912	0.410	ug/l #	18
31) Cyclohexane	5.556	56	8494	1.210	ug/l #	25
36) 1,1-Dichloropropene	5.543	75	31222	4.647	ug/l #	50
37) Ethyl Acetate	4.592	43	26187	3.841	ug/l #	65
38) Carbon Tetrachloride	5.550	117	43305	5.710	ug/l #	16
43) Isopropyl Acetate	6.360	43	4742	0.427	ug/l #	56
76) 1,2,3-Trichloropropane	11.085	75	142901	24.130	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	142901	71.708	ug/l #	15
94) Hexachlorobutadiene	13.725	225	578	0.217	ug/l	93

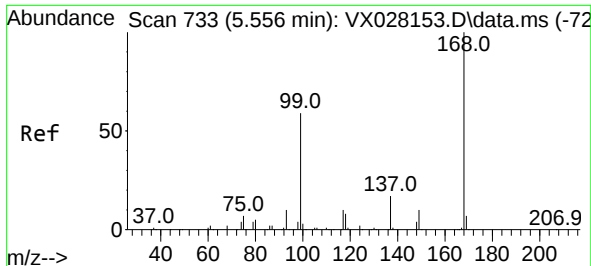
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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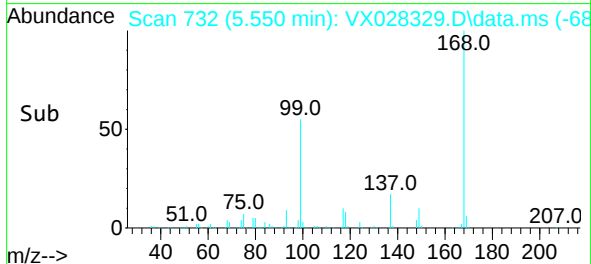
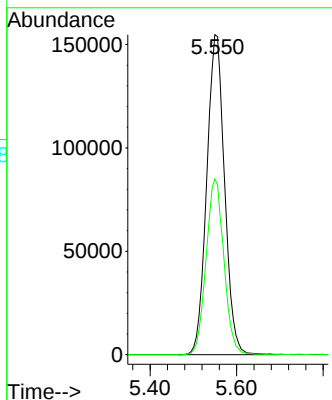
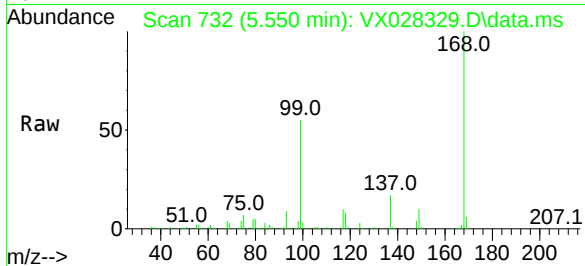




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

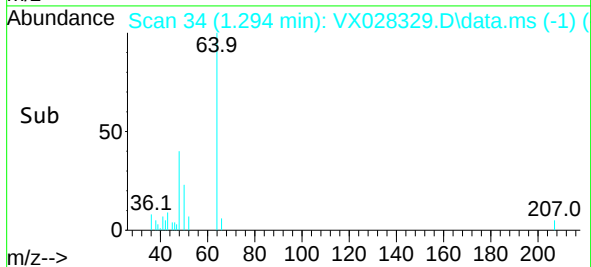
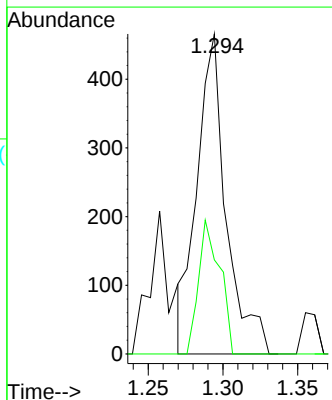
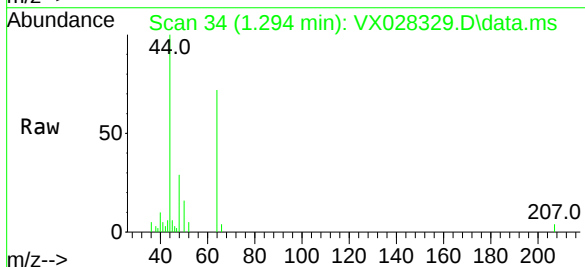
Instrument :
MSVOA_X
ClientSampleId :
370ME

Tgt Ion:168 Resp: 441990
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 50 Resp: 630
Ion Ratio Lower Upper
50 100
52 29.4 26.4 39.6

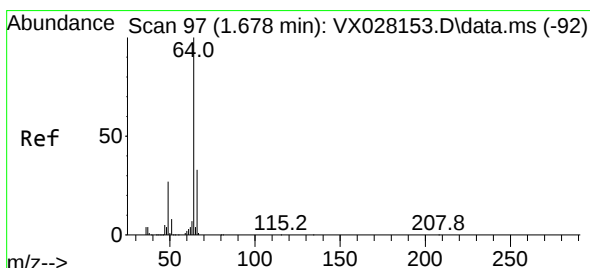
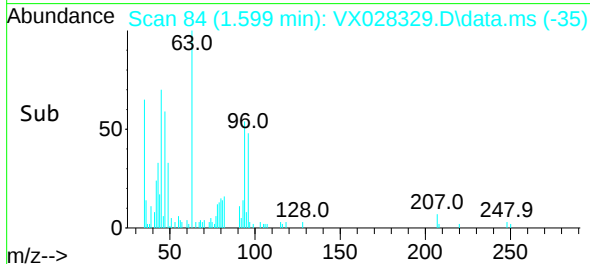
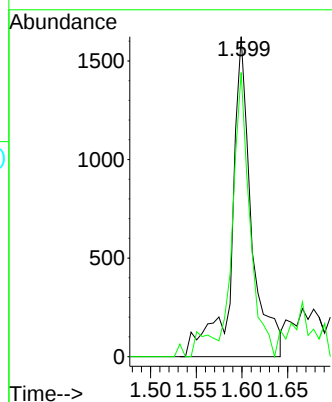
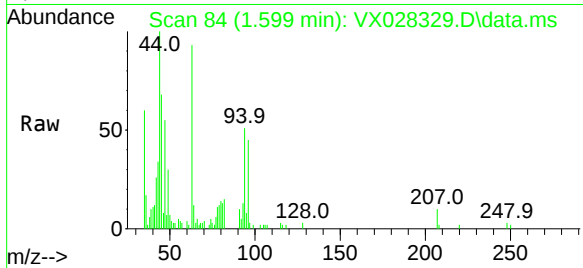




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

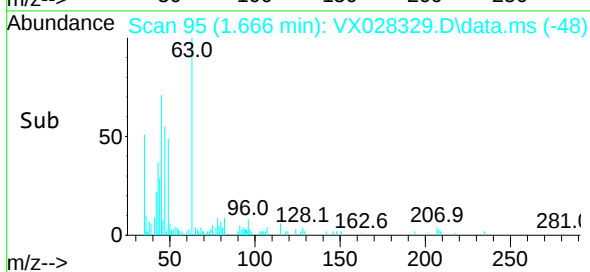
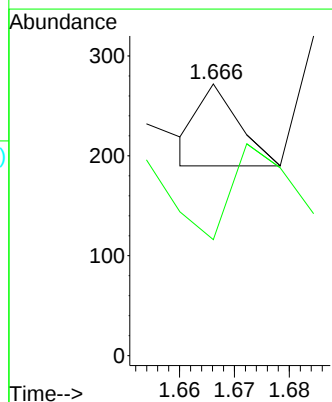
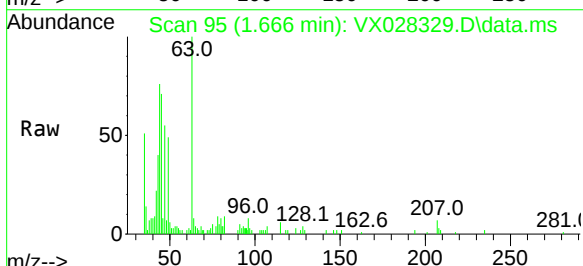
Instrument :
MSVOA_X
ClientSampleId :
370ME

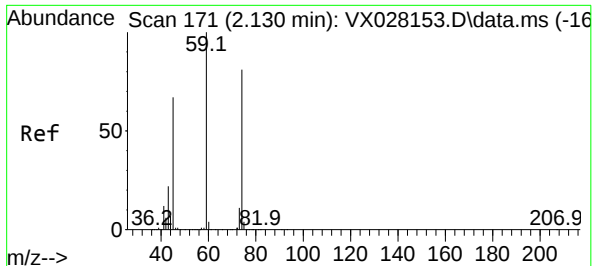
Tgt Ion: 94 Resp: 2459
Ion Ratio Lower Upper
94 100
96 84.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

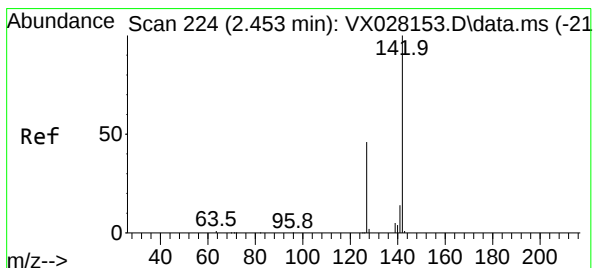
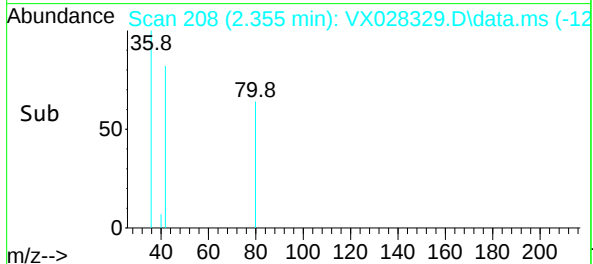
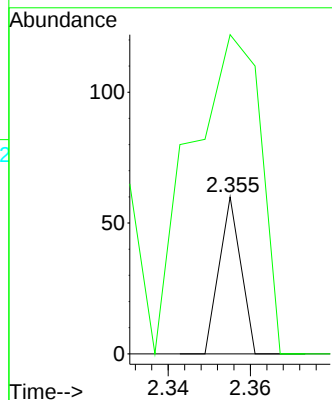
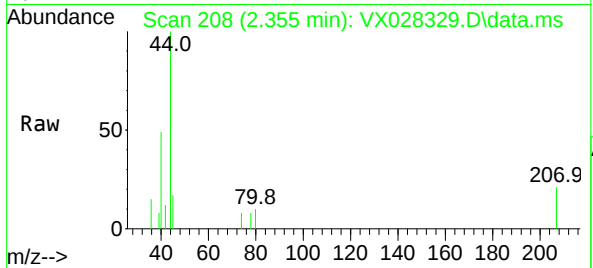




#8
Diethyl Ether
Concen: Below Cal
RT: 2.355 min Scan# 208
Delta R.T. 0.225 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

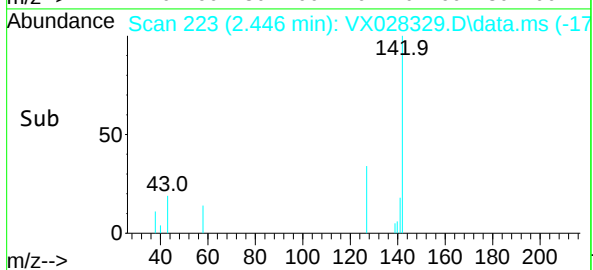
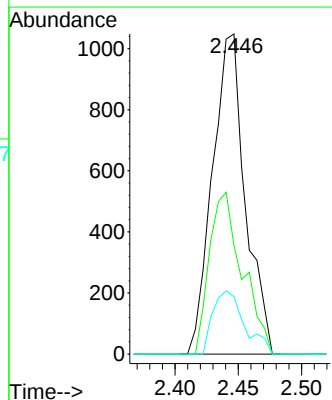
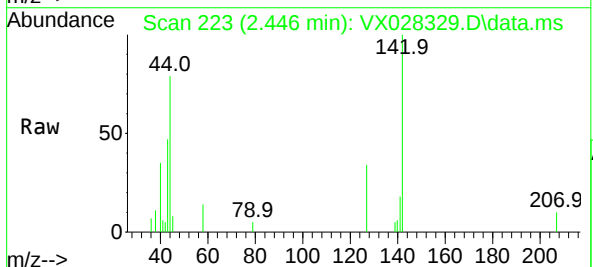
Instrument :
MSVOA_X
ClientSampleId :
370ME

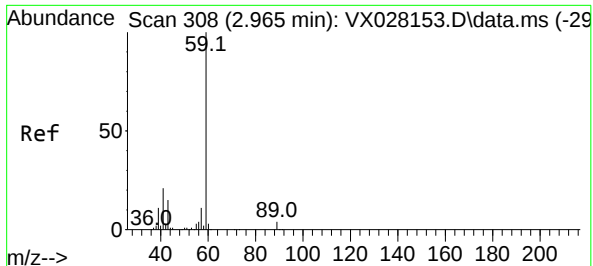
Tgt Ion: 74 Resp: 22
Ion Ratio Lower Upper
74 100
45 763.6 42.0 126.0#



#10
Methyl Iodide
Concen: 5.580 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.007 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 142 Resp: 1889
Ion Ratio Lower Upper
142 100
127 50.9 33.9 50.9#
141 19.1 11.4 17.2#

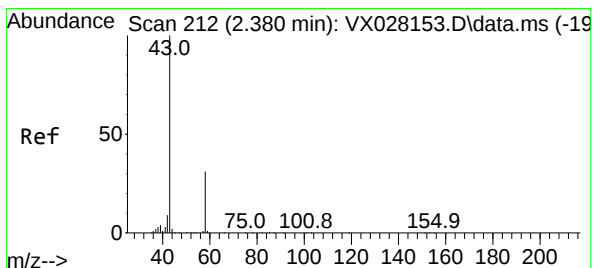
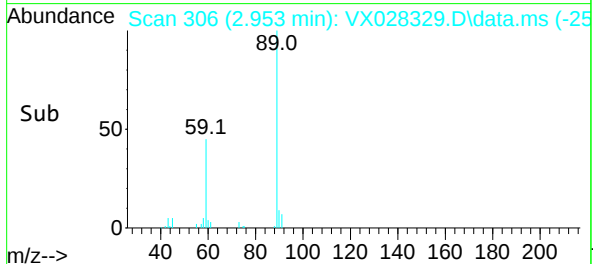
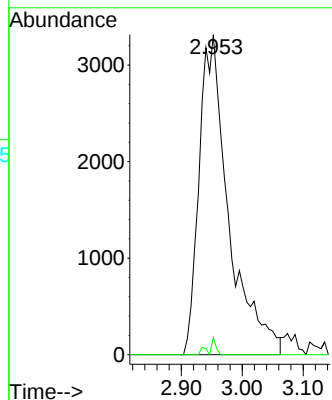
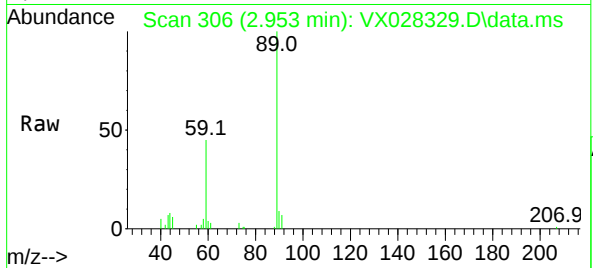




#11
Tert butyl alcohol
Concen: 0.219 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

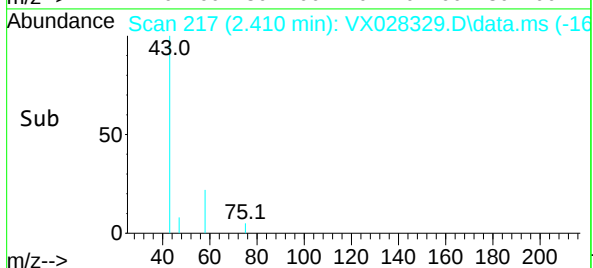
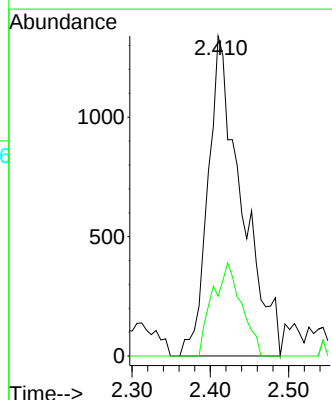
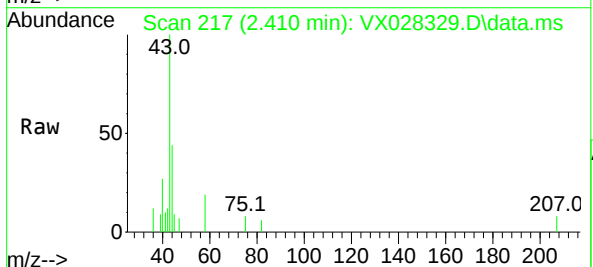
Instrument :
MSVOA_X
ClientSampleId :
370ME

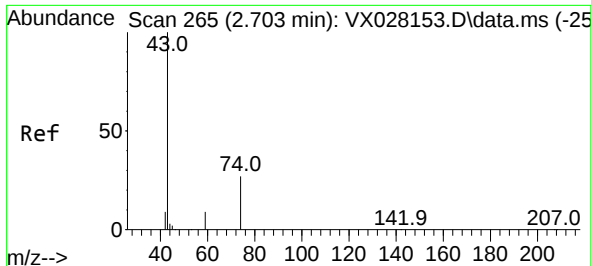
Tgt Ion: 59 Resp: 11196
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#



#16
Acetone
Concen: 0.866 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.030 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 43 Resp: 3973
Ion Ratio Lower Upper
43 100
58 18.7 28.8 43.2#

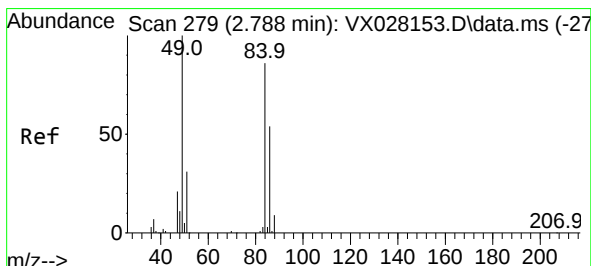
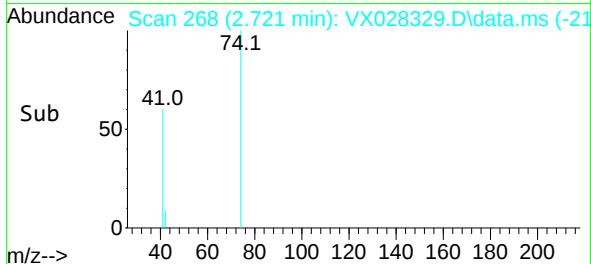
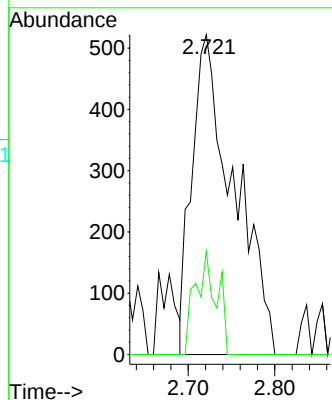
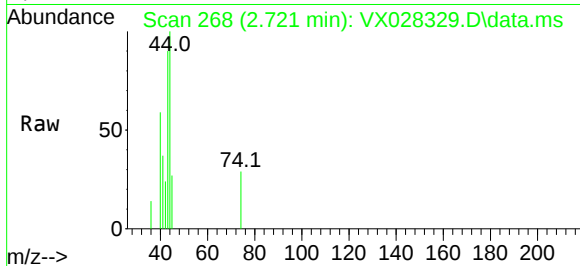




#18
Methyl Acetate
Concen: 0.342 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

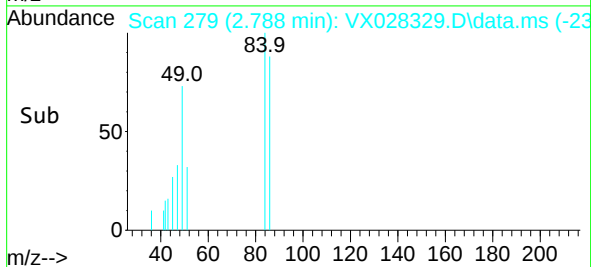
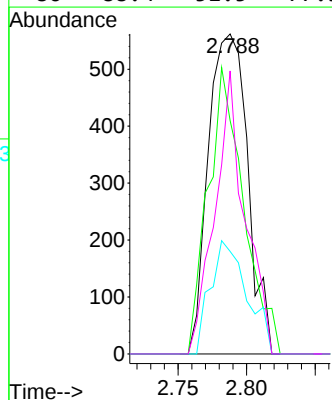
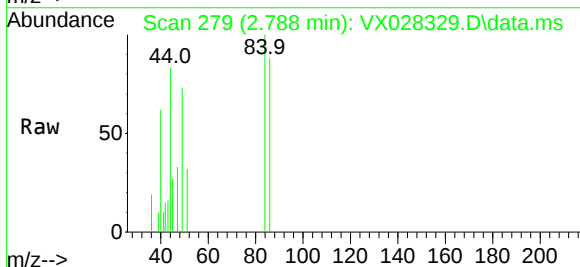
Instrument :
MSVOA_X
ClientSampleId :
370ME

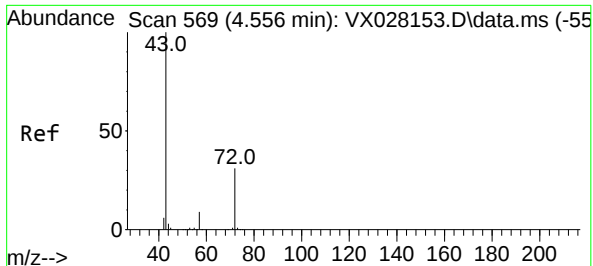
Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
74 16.4 22.8 34.2#



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 84 Resp: 1125
Ion Ratio Lower Upper
84 100
49 73.0 85.5 128.3#
51 32.0 26.6 39.8
86 88.4 51.5 77.3#





#25

2-Butanone

Concen: 7.673 ug/l

RT: 4.592 min Scan# 5

Delta R.T. 0.036 min

Lab File: VX028329.D

Acq: 25 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

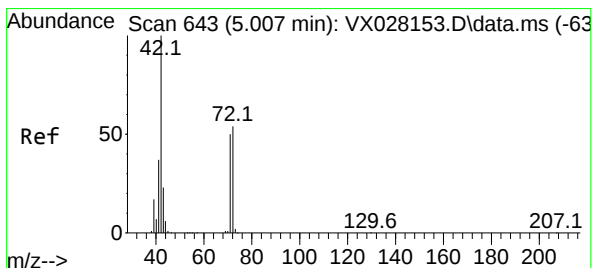
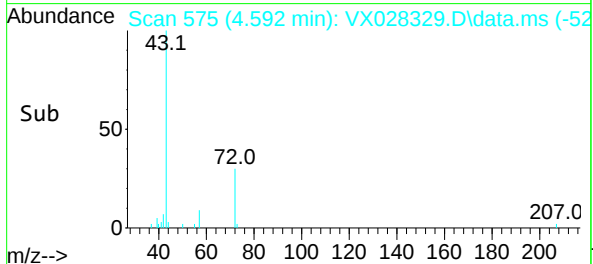
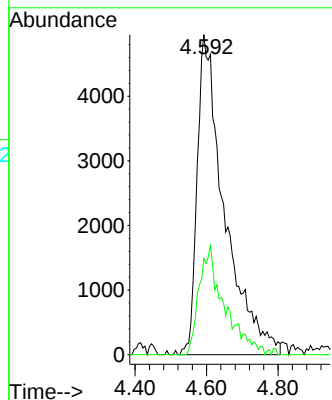
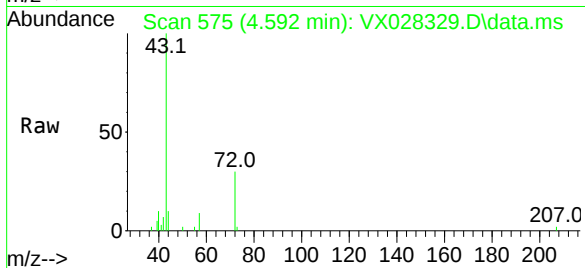
370ME

Tgt Ion: 43 Resp: 26187

Ion Ratio Lower Upper

43 100

72 30.0 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.410 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX028329.D

Acq: 25 Apr 2022 16:25

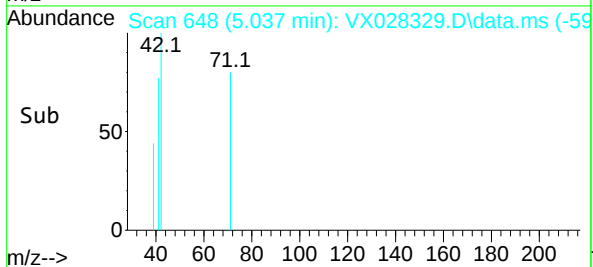
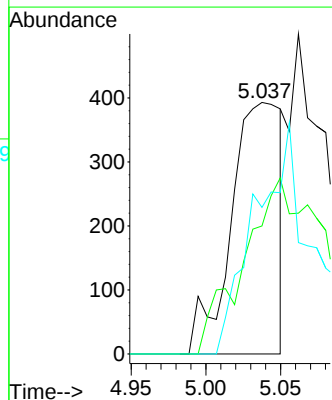
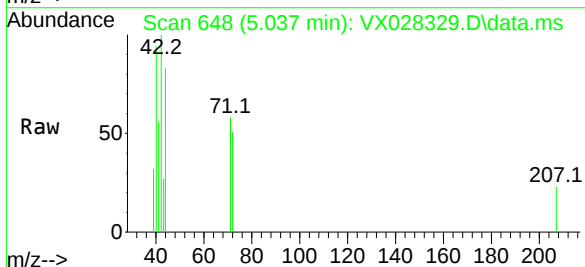
Tgt Ion: 42 Resp: 912

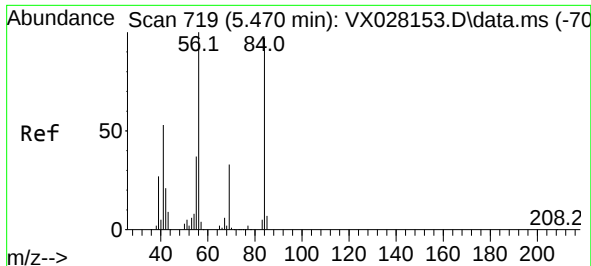
Ion Ratio Lower Upper

42 100

72 111.5 44.1 66.1#

71 110.7 40.5 60.7#

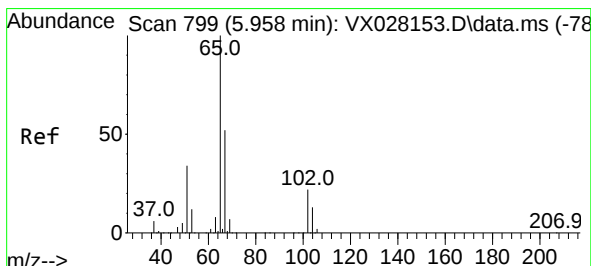
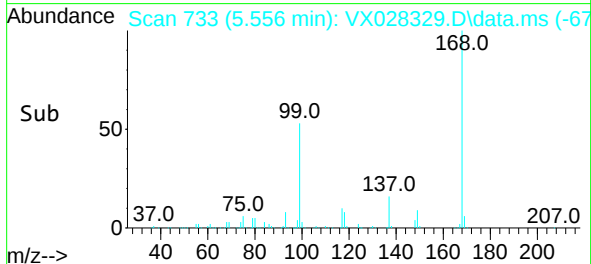
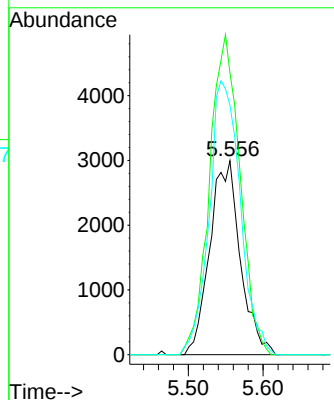
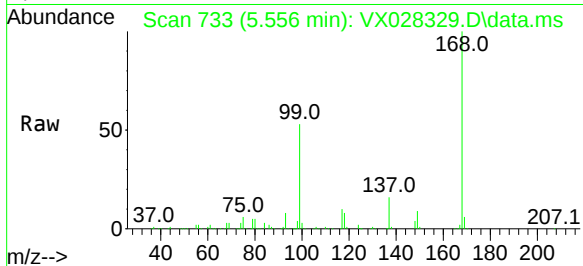




#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

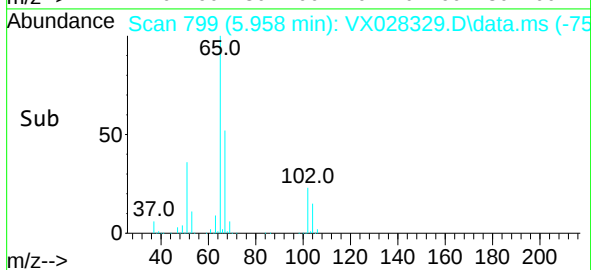
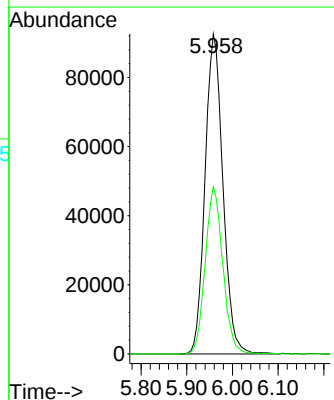
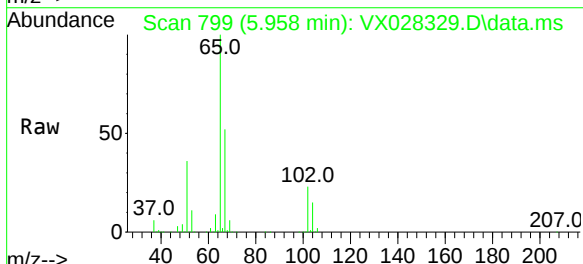
Instrument :
MSVOA_X
ClientSampleId :
370ME

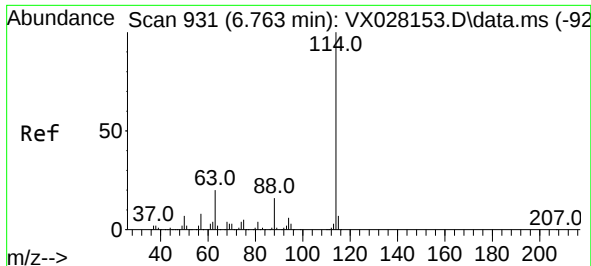
Tgt Ion: 56 Resp: 8494
Ion Ratio Lower Upper
56 100
69 145.2 26.7 40.1#
84 128.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.599 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 65 Resp: 251264
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.4

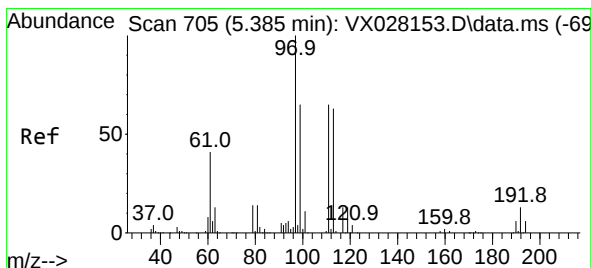
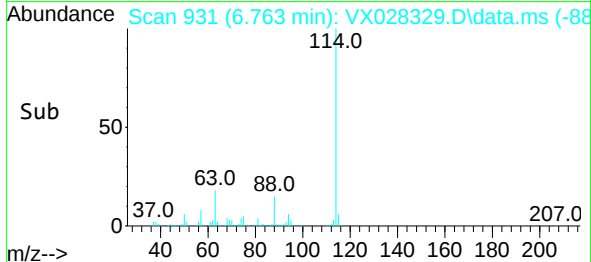
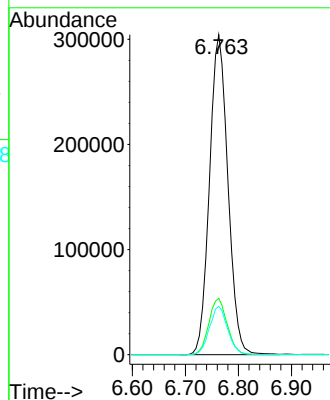
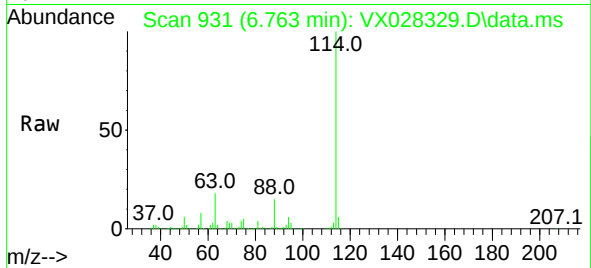




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

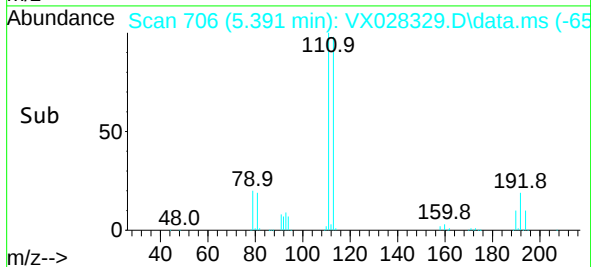
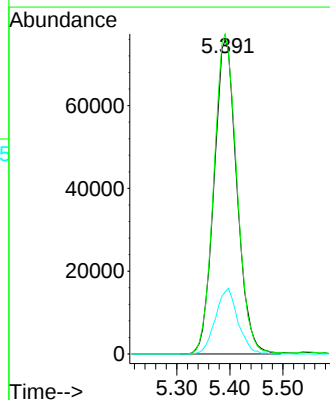
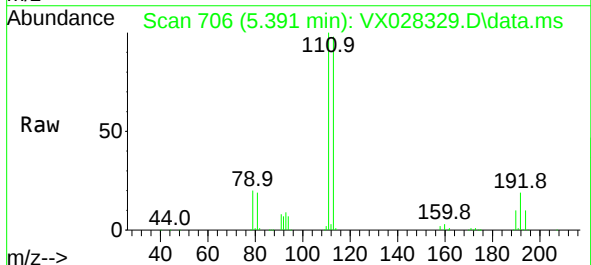
Instrument :
MSVOA_X
ClientSampleId :
370ME

Tgt Ion:114 Resp: 734425
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.212 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion:113 Resp: 227713
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 20.4 16.9 25.3

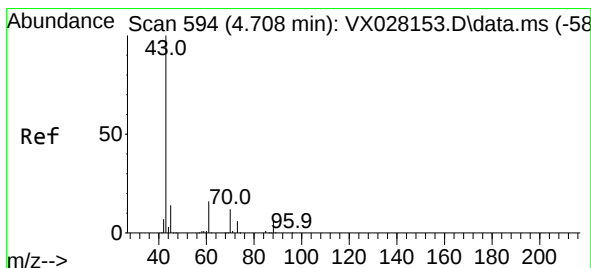
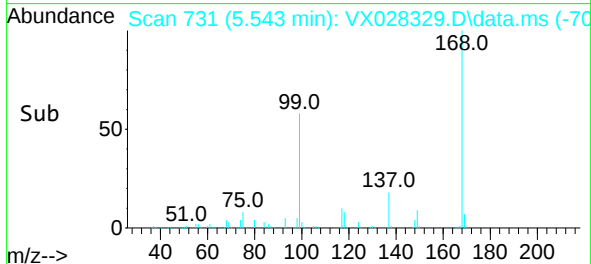
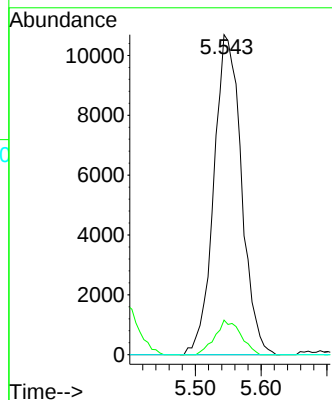
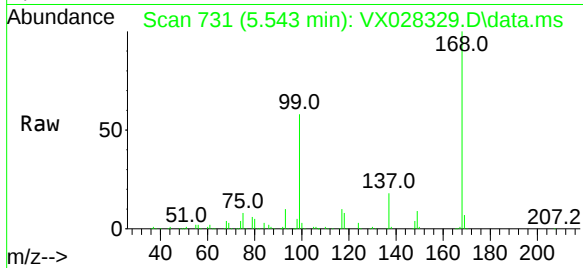




#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

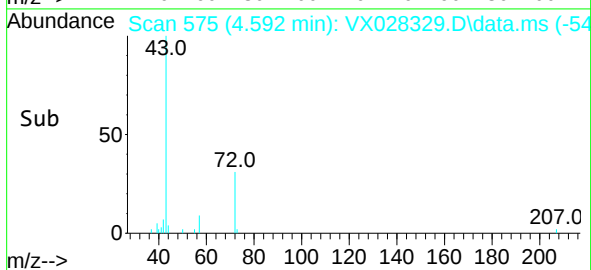
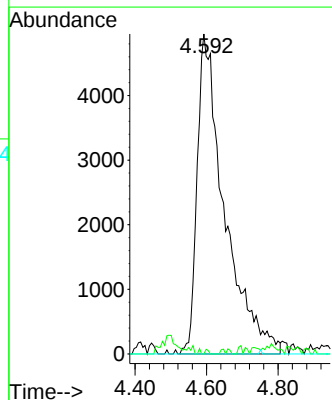
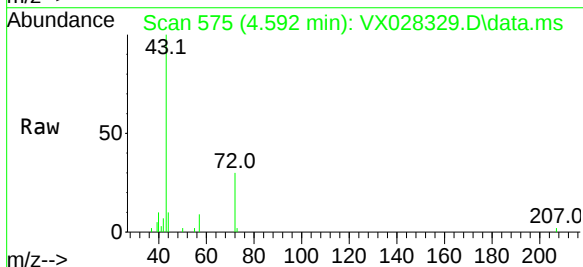
Instrument :
MSVOA_X
ClientSampleId :
370ME

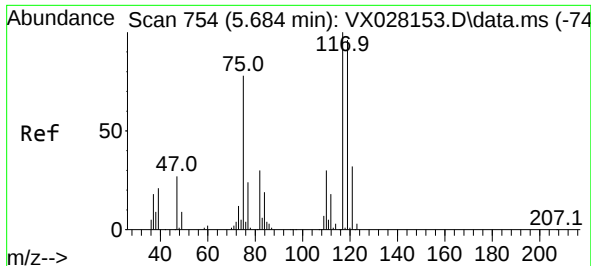
Tgt Ion: 75 Resp: 31222
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 3.841 ug/l
RT: 4.592 min Scan# 575
Delta R.T. -0.116 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 43 Resp: 26187
Ion Ratio Lower Upper
43 100
61 0.2 12.6 19.0#
70 0.0 10.2 15.2#

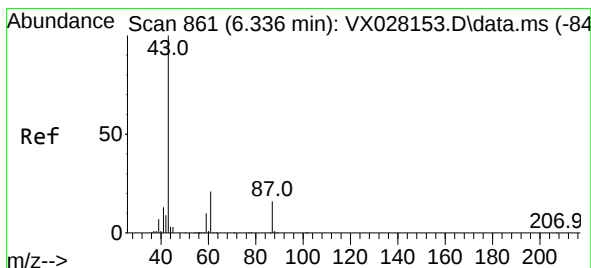
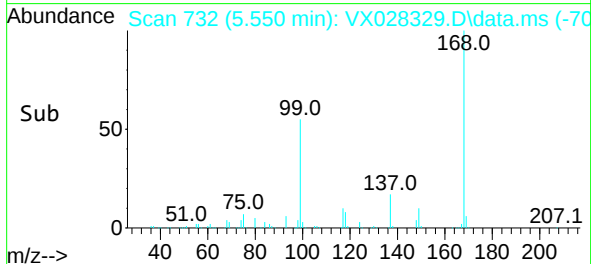
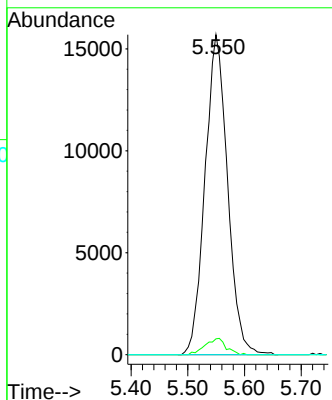
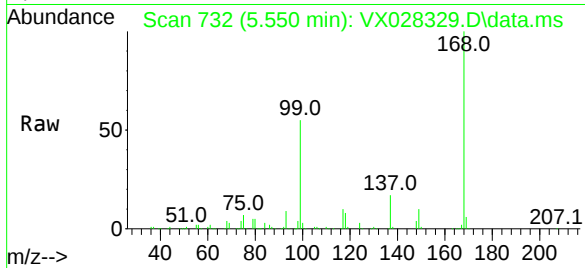




#38
Carbon Tetrachloride
Concen: 5.710 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

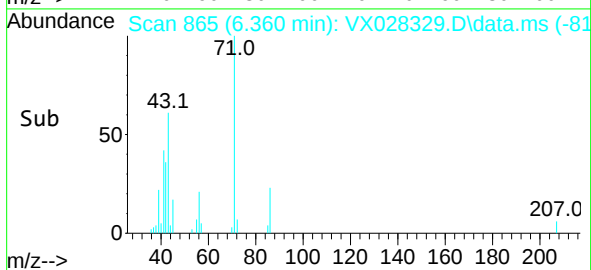
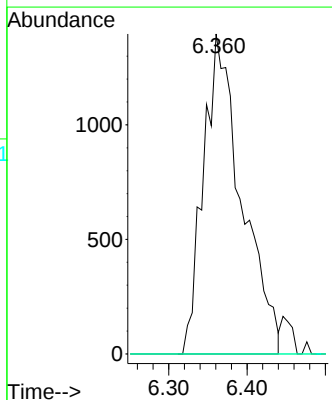
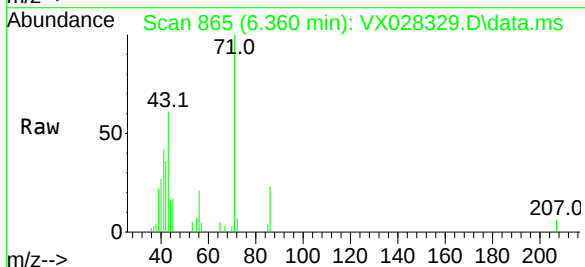
Instrument :
MSVOA_X
ClientSampleId :
370ME

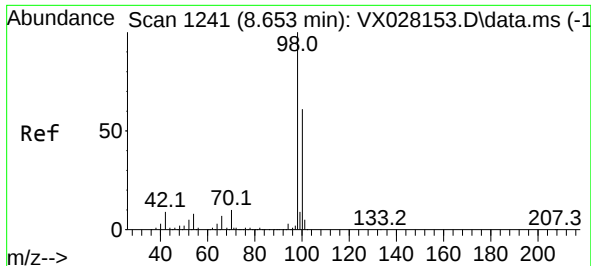
Tgt Ion:117 Resp: 43305
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.427 ug/l
RT: 6.360 min Scan# 865
Delta R.T. 0.024 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 43 Resp: 4742
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

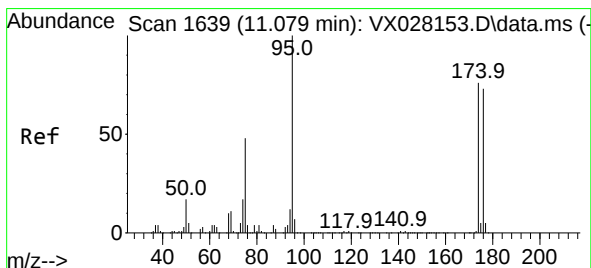
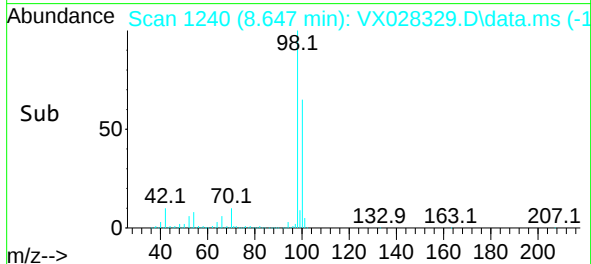
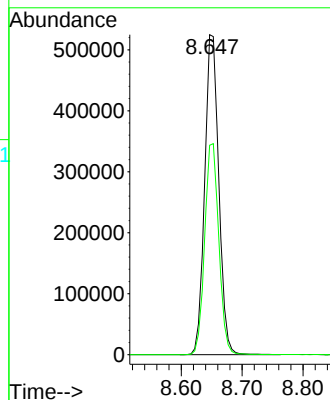
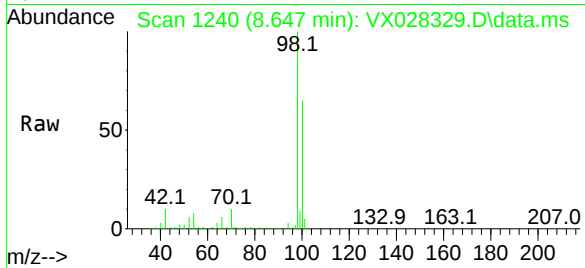




#50
Toluene-d8
Concen: 42.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

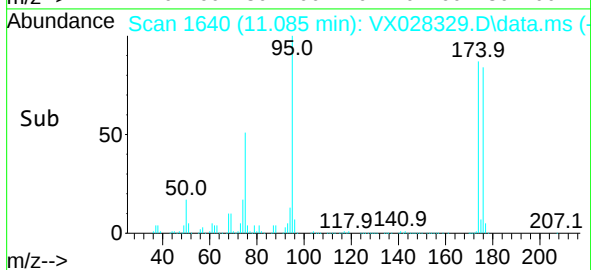
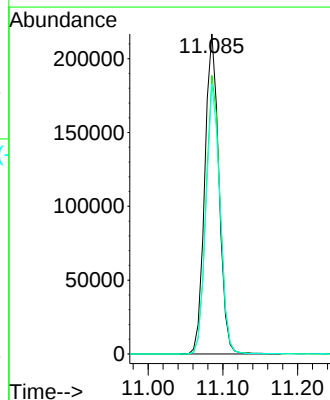
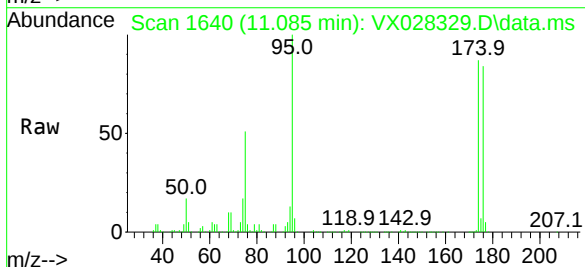
Instrument :
MSVOA_X
ClientSampleId :
370ME

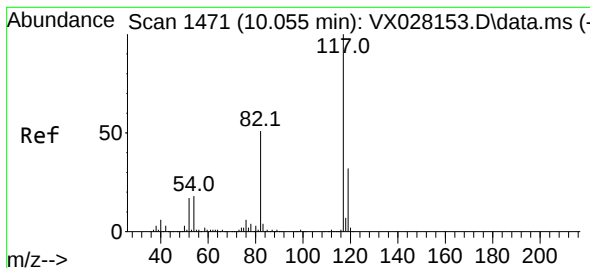
Tgt Ion: 98 Resp: 844864
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.658 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

Tgt Ion: 95 Resp: 284838
Ion Ratio Lower Upper
95 100
174 86.7 0.0 163.0
176 83.2 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: VX028329.D

Acq: 25 Apr 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

370ME

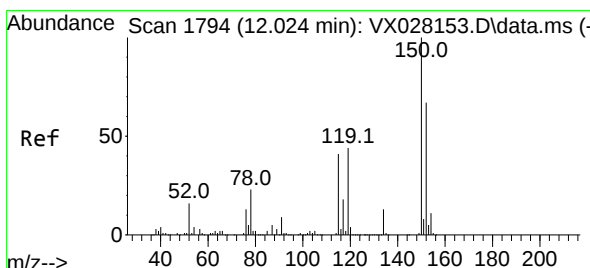
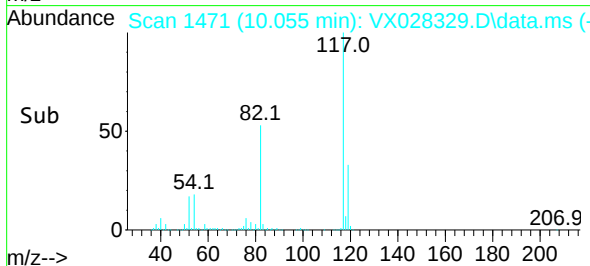
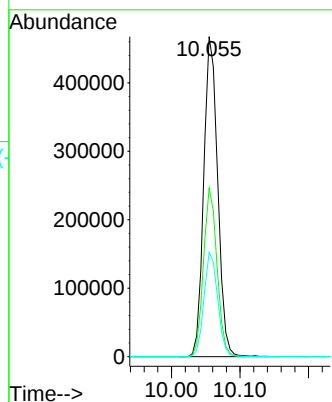
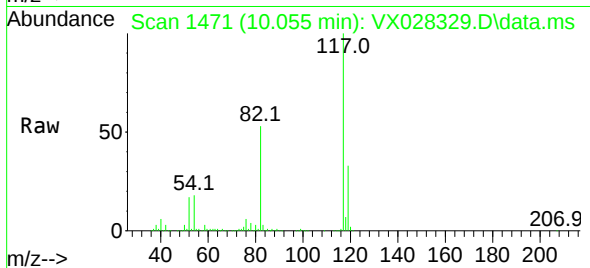
Tgt Ion:117 Resp: 663801

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

119 32.7 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: VX028329.D

Acq: 25 Apr 2022 16:25

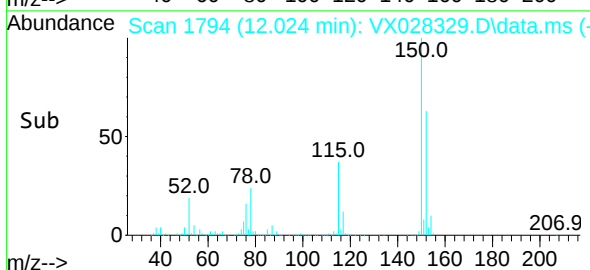
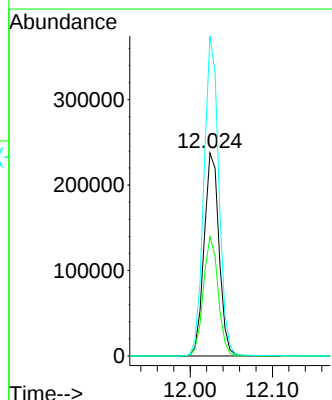
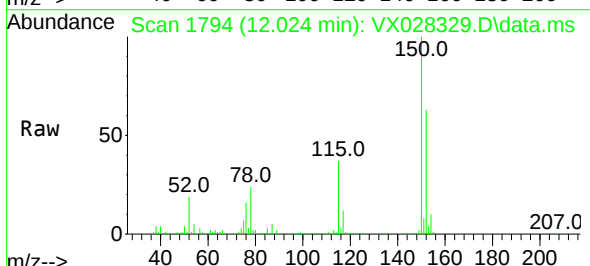
Tgt Ion:152 Resp: 300913

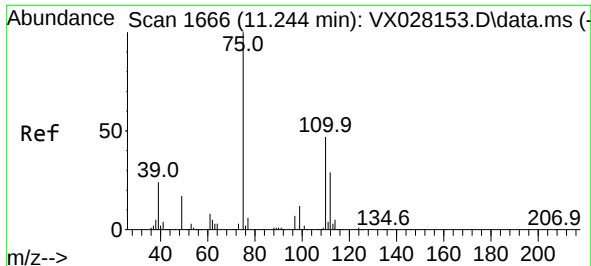
Ion Ratio Lower Upper

152 100

115 58.1 37.5 112.7

150 156.5 0.0 338.2

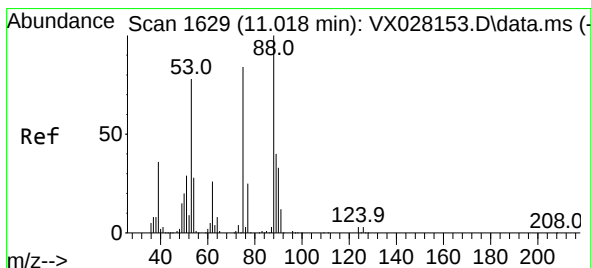
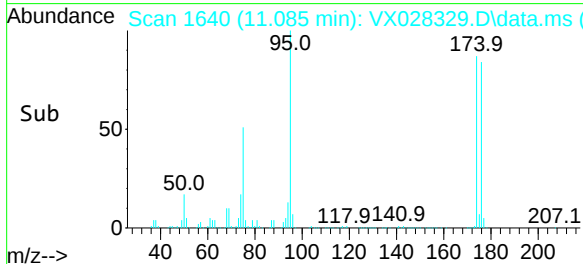
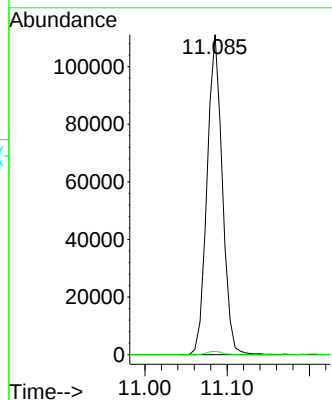
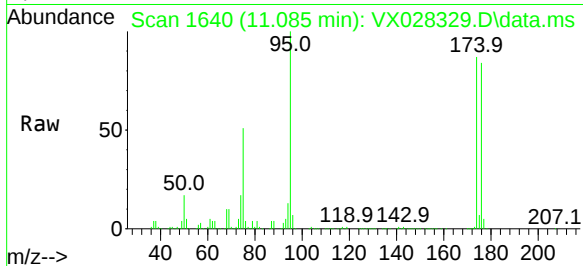




#76
1,2,3-Trichloropropane
Concen: 24.130 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

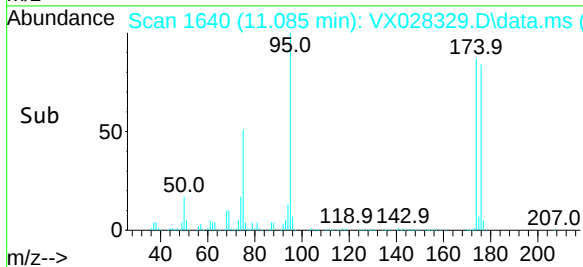
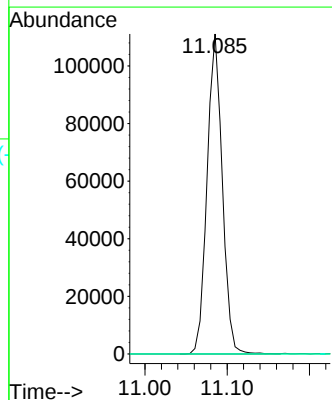
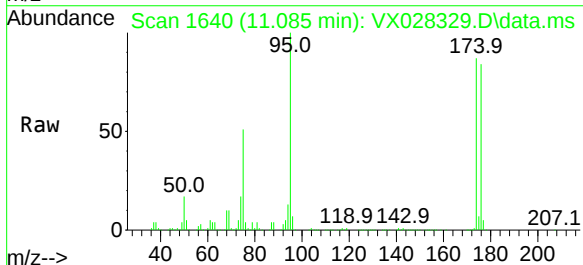
Instrument :
MSVOA_X
ClientSampleId :
370ME

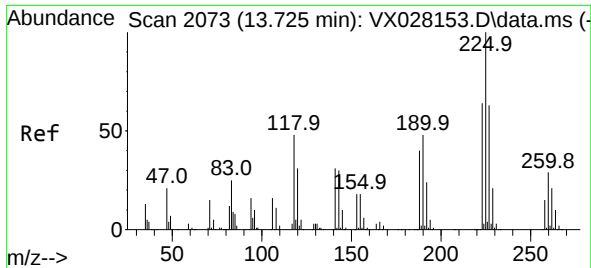
Tgt Ion: 75 Resp: 142901
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028329.D
Acq: 25 Apr 2022 16:25

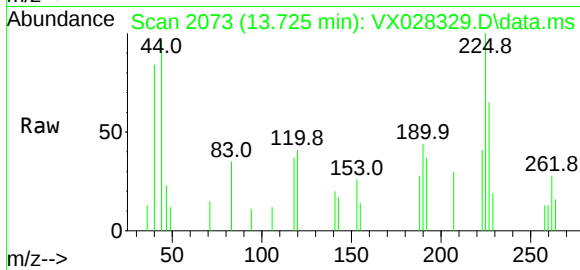
Tgt Ion: 75 Resp: 142901
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.217 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX028329.D
 Acq: 25 Apr 2022 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 370ME



Tgt Ion:	225	Resp:	578
Ion	Ratio	Lower	Upper
225	100		
223	60.0	34.2	102.5
227	70.1	33.9	101.7

